

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.



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

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

July 6, 2023
8:30 a.m.

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

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

AGENDA ATTACHMENTS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY BOARD OF DIRECTORS IN CONNECTION WITH A MATTER SUBJECT FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE BOARD OF DIRECTORS ARE AVAILABLE FOR PUBLIC INSPECTION IN THE AUTHORITY ADMINISTRATIVE OFFICE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE") OR BY PHONE REQUEST MADE TO THE AUTHORITY OFFICE AT 949-234-5452. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE BOARD OF DIRECTORS LESS THAN SEVENTY-TWO (72) HOURS PRIOR TO THE MEETING, THEY WILL BE AVAILABLE IN THE RECEPTION AREA OF THE AUTHORITY OFFICE AT THE SAME TIME AS THEY ARE DISTRIBUTED TO THE BOARD OF DIRECTORS AND SENT TO ANY REMOTE PARTICIPANTS REQUESTING EMAIL DELIVERY OR POSTED ON SOCWA'S WEBSITE. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IN THE MEETING ROOM OR IMMEDIATELY UPON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES PARTICIPATING REMOTELY.

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

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Agenda

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

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

4. APPROVAL OF BOARD MEMBER REQUEST FOR REMOTE PARTICIPATION

ACTION Board Discussion/Direction and Action.

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5. CONSENT CALENDAR

A. Minutes of Board of Directors 1

1. Board of Directors Meeting of May 18, 2023
2. Board of Directors Meeting of June 1, 2023

ACTION The Board will be requested to approve subject Minutes.

B. Minutes of Project Committee 2 13

- Project Committee 2 Meeting of April 18, 2023

ACTION The PC 2 Board will be requested to approve subject Minutes, and the Board will be requested to receive and file subject Minutes.

C. Minutes of Finance Committee 16

1. Finance Committee Meeting of April 18, 2023
2. Finance Committee Meeting of May 16, 2023

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

D. Consideration of Approval of Various Unapproved Minutes, Disbursements, and Financial Reports 21

ACTION Staff recommends that the Board of Directors approve and receive and file the various open items.

E. Financial Reports for the Month of April 2023 76

The reports included are as follows:

1. Summary of Disbursements for April 2023 (Exhibit A)
2. Schedule of Funds Available for Reinvestment (Exhibit B)
 - Local Agency Investment Fund (LAIF)

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- 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 April 2023 disbursements, \$2,173,227, for the period from April 1, 2023, through April 30, 2023, and to receive and file the April 2023 Financial Reports as submitted.

F. Q3 FY 2022-23 Cash Roll Forward as of March 31, 2023..... 94

ACTION The Finance Committee recommends that the Board of Directors receive and file the Q3 Fiscal Year 2022-23 Cash Roll Forward as submitted.

G. Operations Report (May) 107

- a. Monthly Operational Report
- b. SOCWA Ocean Outfall Discharges by Agency
- c. Quarterly Report on Key Operational Expenses
- d. Beach Ocean Monitoring Report
- e. Recycled Water Report
- f. Pretreatment Report (June)

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

H. Capital Improvement Program Status Report (June) 150

ACTION Information item; receive and file.

I. Capital Improvement Construction Projects Progress and Change Order Report (June) [Project Committees 2, 15, & 17]..... 153

ACTION Staff recommends that the PC 2 Board approve Change Order 1 for \$14,624.97 and a revised contract value of \$108,609.97 for the J.B. Latham Administration Building Roofing Replacement Project; and that the Board of Directors receive and file the report.

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6. ENGINEERING MATTER

- A. Contract Award for Aliso Creek Ocean Outfall (ACOO) Seal Replacement Project
[Project Committees 24]..... 167

ACTION The Engineering Committee recommends that the PC 24 Board of Directors approve the contract to J.F. Brennan in the amount of \$261,753 for the ACOO Seal Replacement Project with a contingency of \$50,000.

7. GENERAL MANAGER’S REPORT

- A. General Counsel’s Updates
 • JPA Revision Process (Standing item)
- B. General Manager’s Status Report..... 169

ACTION Information Item

- C. Upcoming Meetings Schedule:.....
- July 6, 2023 – Board of Directors Regular Meeting
 - July 13, 2023 – Engineering Committee Meeting – *Canceled*
 - July 18, 2023 – Finance Committee Meeting – *Canceled*
 - July 27, 2023 – Board of Directors Special Facilitated Discussion Meeting
 - August 3, 2023 – Board of Directors Regular Meeting

ACTION Information Item.

D. OTHER MATTERS

Determine the need to take action on the following item(s) introduced by 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
JULY 27, 2023

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

**Board of Directors
Budget Workshop**

DRAFT

May 18, 2023

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Board of Directors Meeting was held in-person and via teleconference on May 18, 2023, at 8:30 a.m. at the Dana Hills Tennis Center located at 24911 Calle De Tennis, Dana Point, California. The following members of the Board of Directors were present:

MIKE DUNBAR	Emerald Bay Service District	Director
KATHRYN FRESHLEY	El Toro Water District	Director
MATT COLLINGS	Moulton Niguel Water District	Director
BOB WHALEN	City of Laguna Beach	Director
FRANK URY	Santa Margarita Water District	Director
SCOTT GOLDMAN	South Coast Water District	Director [exited at 11:20 a.m.]
DAVE REBENS DORF	City of San Clemente	Director
RICK SHINTAKU	South Coast Water District	Alternate Director [arrived at 11:20 a.m.]

Absent:

DOUG REINHART	Irvine Ranch Water District	Director
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Staff Present:

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

Also Present:

ADRIANA OCHOA	Procopio Law	SHERRY WANNINGER	Moulton Niguel Water District
LEWIS MICHAELSON	Katz & Associates	GREG PENNINGTON	South Coast Water District
HANNAH BLOME	Katz & Associates	JENNIFER LOPEZ	South Coast Water District
DENNIS CAFFERTY	El Toro Water District	DAN FERONS	Santa Margarita Water District
ROD WOODS	Moulton Niguel Water District	JODY BRENNAN	South Coast Water District
SAUNDRA JACOBS	Santa Margarita Water District	MIKE GASKINS	El Toro Water District
ROGER BUTOW	Clean Water Now	KEVIN DAY	Moulton Niguel Water District
MARK McAVOY	City of Laguna Beach	BILL MOORHEAD	Moulton Niguel Water District
DREW ATWATER	Moulton Niguel Water District	DON FROELICH	Moulton Niguel Water District
LISA OHLUND	Ohlund Mgmt. & Tech. Svc	ERICA CASTILLO	Santa Margarita Water District
DON BUNTS	Santa Margarita Water District	DAVID SHISSLER	City of Laguna Beach
PAM ARENDS-KING	South Coast Water District	JOONE LOPEZ	Moulton Niguel Water District
KARI VOZENILEK	Kidman Gagen Law, LLP	OSMAN MUFTI	Sloan Sakai Yeung & Wong
STEPHEN DOPUDJA	Dopudja & Wells Consulting		

1. CALL TO ORDER

Chairman Collings called the meeting to order at 8:36 a.m.

2. PLEDGE OF ALLEGIANCE – Director Frank Ury

3. ORAL COMMUNICATIONS

None.

4. APPROVAL OF BOARD MEMBER REQUEST FOR REMOTE PARTICIPATION

No action was taken.

5. FACILITATED MEETING TO DISCUSS SOCWA GOVERNANCE

Mr. Lewis Michaelson of Katz & Associates and his associated team members Hanna Blome and Emily Michaelson facilitated the second session continuing the discussion on SOCWA's Governance.

The next Facilitated Meeting will be held June 22, 2023.

6. BUDGET WORKSHOP – Presentation of FY 2023-24 Budget

Ms. Mary Carey, Finance Controller, gave a PowerPoint presentation on the proposed FY 2023-24 budget. An open discussion ensued.

There was a consensus on the Board of Directors directing staff to make the necessary revision and bring the budget back to the June meeting for consideration of approval.

7. OTHER MATTERS

None.

ADJOURNMENT

There being no further business, Director Collings adjourned the meeting at 1:12 p.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Special Meeting of the South Orange County Wastewater Authority Board of Directors on May 18, 2023, and approved by the Board of Directors of the South Orange County Wastewater Authority.

Danita Hirsh, Assistant Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

Board of Directors

June 1, 2023

DRAFT

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Board of Directors Meeting was held in-person and via teleconference on June 1, 2023, at 8:30 a.m. at their Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Board of Directors were present:

MIKE DUNBAR	Emerald Bay Service District	Director
KATHRYN FRESHLEY	El Toro Water District	Director
MATT COLLINGS	Moulton Niguel Water District	Director
DOUG REINHART	Irvine Ranch Water District	Director
BOB WHALEN	City of Laguna Beach	Director
FRANK URY	Santa Margarita Water District	Director
SCOTT GOLDMAN	South Coast Water District	Director
DAVE REBENS DORF	City of San Clemente	Director

Staff Present:

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

Also Present:

ADRIANA OCHOA	Procopio Law	SHERRY WANNINGER	Moulton Niguel Water District
BRAD NEUFELD	Varner & Brandt, LLP	JENNIFER LOPEZ	South Coast Water District
RICK SHINTAKU	South Coast Water District	DAN FERONS	Santa Margarita Water District
DENNIS CAFFERTY	El Toro Water District	MIKE GASKINS	El Toro Water District
ROGER BUTOW	Clean Water Now	BILL MOORHEAD	Moulton Niguel Water District
MARK McAVOY	City of Laguna Beach	DON FROELICH	Moulton Niguel Water District
DREW ATWATER	Moulton Niguel Water District	ERICA CASTILLO	Santa Margarita Water District
LISA OHLUND	Ohlund Mgmt. & Tech. Svc	DAVID SHISSLER	City of Laguna Beach
DICK FIORE	Moulton Niguel Water District	STEPHEN DOPUDJA	Dopudja & Wells Consulting
PAM ARENDS-KING	South Coast Water District	KARI VOZENILEK	Kidman Gagen Law, LLP

1. CALL TO ORDER

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

2. PLEDGE OF ALLEGIANCE – Director Doug Reinhart

3. ORAL COMMUNICATIONS

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

4. APPROVAL OF BOARD MEMBER REQUEST FOR REMOTE PARTICIPATION

No action was taken.

5. CONSENT CALENDAR

ACTION TAKEN

Motion was made by Director Dunbar and seconded by Director Freshley to approve the Consent Calendar items 5A thru 5F with the corrections to 5A2.

Motion carried: Aye 8, Nay 0, Abstained 0, Absent 0
Director Dunbar Aye
Director Freshley Aye
Director Collings Aye
Director Reinhart Aye
Director Whalen Aye
Director Ury Aye
Director Goldman Aye
Director Rebensdorf Aye

(5A – 5F)

- A. 1. Minutes of Board of Directors Meeting for April 6, 2023
- 2. Minutes of Board of Directors Meeting for May 4, 2023
- B. Financial Reports for the Month of March 2023
 Approved Action: The Board of Directors approved ratification of the March 2023 Disbursements of \$2,814,904, for the period from March 1, 2023, through March 31, 2023, and to receive and file the March 2023 Financial Reports as submitted.
- C. FY 2022-23 Administration and General Fund Budget Update
 Approved Action: Information Item.
- D. Operations Report (April)
 Approved Action: The Board of Directors approved receiving and filing the reports as submitted.
- E. Capital Improvement Program Status Report (May)
 Approved Action: The Board of Directors approved receiving and filing the report as submitted.
- F. Capital Improvement Construction Project Projects Progress and Change Order Report (May) [Project Committees 2, 15, & 17]
 Approved Action: The Board of Directors approved receiving and filing the report as submitted.

6. GENERAL MANAGER’S REPORT

A. Approval of FY 2023-24 Budget

1. General Fund Budget

ACTION TAKEN

Motion was made by Director Dunbar and seconded by Director Goldman to approve the first quarter allocations with the current uneven methodology as presented by staff, approve the remaining three (3) quarters with even allocations, and agendize this action for the August Board meeting to reconsider changing back the next three (3) quarters to uneven allocations.

Motion carried: Aye 7, Nay 0, Abstained 1, Absent 0
Director Dunbar Aye
Director Freshley Aye
Director Collings Aye
Director Reinhart Abstain
Director Whalen Aye
Director Ury Aye
Director Goldman Aye
Director Rebensdorf Aye

2. Project Committee Operating Budgets

a. Approval of the FY 2023-24 Administration Budget (inclusive of project committee administration expenses, residual engineering, and IT).

ACTION TAKEN

Motion was made by Director Goldman and seconded by Director Dunbar to approve the FY 2023-24 Administration Budget authorizing the Acting General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget to be agendized in August for further discussion.

Motion carried: Aye 7, Nay 0, Abstained 1, Absent 0
Director Dunbar Aye
Director Freshley Aye
Director Collings Aye
Director Reinhart Abstain
Director Whalen Aye
Director Ury Aye
Director Goldman Aye
Director Rebensdorf Aye

b. Approval of the Project Committee (“PC”) 2 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL, and OPEB) as proposed and PC 2 Capital Expenditures Budget (inclusive of large capital, non-capital/misc. engineering, and small capital).

ACTION TAKEN

Motion was made by Director Ury and seconded by Director Collings to approve the first quarter only of the Project Committee (“PC”) 2 Operations and Maintenance Budget and PC 2 Capital Expenditures Budget authorizing the Acting General Manager to expend up to and not more than the first quarter budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

Motion carried: Aye 2, Nay 1, Abstained 0, Absent 0
Director Collings Aye
Director Ury Aye
Director Goldman Nay

- c. Approval of the Project Committee (“PC”) 17 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 17 Capital Expenditures Budget (inclusive of large capital, non-capital/misc. engineering and small capital).

ACTION TAKEN

Motion was made by Director Goldman and seconded by Director Freshley to Approve the Project Committee (“PC”) 17 Operations and Maintenance Budget and PC 17 Capital Expenditures Budget authorizing the Acting General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

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

- d. Approval of the Project Committee (“PC”) 15 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 15 Capital Expenditures Budget (inclusive of large capital, non-capital/misc. engineering and small capital).

ACTION TAKEN

Motion was made by Director Dunbar and seconded by Director Goldman to approve the Project Committee (“PC”) 15 Operations and Maintenance Budget and PC 15 Capital Expenditures Budget authorizing the Acting General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

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

- e. Approval of the Project Committee (“PC”) 5 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 5 Capital Expenditures Budget (inclusive of large capital and non-capital/misc. engineering).

ACTION TAKEN

Motion was made by Director Rebensdorf and seconded by Director Goldman to approve the Project Committee (“PC”) 5 Operations and Maintenance Budget and PC 5 Capital Expenditures Budget authorizing the Acting General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

Motion carried:	Aye 4, Nay 0, Abstained 0, Absent 0
	Director Collings Aye
	Director Ury Aye
	Director Goldman Aye
	Director Rebensdorf Aye

- f. Approval of the Project Committee (“PC”) 24 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 24 Capital Expenditures Budget (inclusive of large capital and non-capital/misc. engineering).

ACTION TAKEN

Motion was made by Director Freshley and seconded by Director Dunbar to approve of the Project Committee (“PC”) 24 Operations and Maintenance Budget and PC 24 Capital Expenditures Budget authorizing the Acting General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

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

- g. Approval of the Project Committee (“PC”) 21 (ETM) Operations and Maintenance Budget, UAL and OPEB, and PC 21 Capital Expenditures Budget (inclusive of large capital and non-capital/misc. engineering).

ACTION TAKEN

Motion was made by Director Freshley and seconded by Director Dunbar to approve the Project Committee (“PC”) 21 (ETM) Operations and Maintenance Budget and PC 21 Capital Expenditures Budget authorizing the Acting General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

Motion carried: Aye 3, Nay 0, Abstained 0, Absent 0
Director Freshley Aye
Director Collings Aye
Director Reinhart Aye

- h. Approval of the Project Committee (“PC”) 8 (Pretreatment) Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, UAL and OPEB).

ACTION TAKEN

Motion was made by Director Whalen and seconded by Director Ury to approve the Project Committee (“PC”) 8 (Pretreatment) Operations and Maintenance Budget authorizing the Acting General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

Motion carried: Aye 8, Nay 0, Abstained 0, Absent 0
Director Dunbar Aye
Director Freshley Aye
Director Collings Aye
Director Reinhart Aye
Director Whalen Aye
Director Ury Aye
Director Goldman Aye
Director Rebensdorf Aye

- i. Approval of the Project Committee (“PC”) 2SO (PC12) Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB).

ACTION TAKEN

Motion was made by Director Goldman and seconded by Director Ury to approve the Project Committee (“PC”) 2SO (PC12) Operations and Maintenance Budget authorizing the Acting General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action. Authorization includes the redistribution of the costs of PC 2SO (PC 12) among the member agencies to exclude El Toro Water District); the Board approves the allocation of expenses with approval of the Budget.

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

- j. The Board directs staff to prepare and distribute a final printed budget consistent with any additional changes presented and approved at the May 18, 2023, meeting.

There was a consensus of the Board of Directors authorizing staff to print and distribute the final budget with any additional changes presented at the May 18, 2023, meeting and as approved on June 1, 2023.

- B. Resolution No. 2023-04: A Resolution of the Board of Directors of the South Orange County Wastewater Authority Honoring Douglas Reinhart for 18 1/2 Years of Service to SOCWA and his Devoted Service to the Community

ACTION TAKEN

Motion was made by Director Dunbar and seconded by Director Freshley to adopt Resolution No. 2023-04: A Resolution of the Board of Directors of the South Orange County Wastewater Authority (SOCWA) Honoring Douglas Reinhart for 18 1/2 Years of Service to SOCWA.

Motion carried: Aye 8, Nay 0, Abstained 0, Absent 0
Director Dunbar Aye
Director Freshley Aye
Director Collings Aye
Director Reinhart Aye
Director Whalen Aye
Director Ury Aye
Director Goldman Aye
Director Rebensdorf Aye

- C. Resolution No. 2023-05: A Resolution of the Board of Directors of the South Orange County Wastewater Authority Honoring Stephen Dopudja for 9 1/2 Years of Service to SOCWA and his Devoted Service to the Community

ACTION TAKEN

Motion was made by Director Collings and seconded by Director Goldman to adopt Resolution No. 2023-05: A Resolution of the Board of Directors of the South Orange County Wastewater Authority (SOCWA) Honoring Stephen Dopudja for 9 1/2 Years of Service to SOCWA.

Motion carried: Aye 8, Nay 0, Abstained 0, Absent 0
Director Dunbar Aye
Director Freshley Aye
Director Collings Aye
Director Reinhart Aye
Director Whalen Aye
Director Ury Aye
Director Goldman Aye
Director Rebensdorf Aye

- D. Resolution No. 2023-06: A Resolution of the Board of Directors of the South Orange County Wastewater Authority Approving New Employee Salary Ranges And the South Orange County Wastewater Authority Employee Manual.

ACTION TAKEN

Motion was made by Director Collings and seconded by Director Ury to adopt Resolution No. 2023-06: A Resolution of the Board of Directors of the South Orange County Wastewater Authority (SOCWA) Approving New Employee Salary Ranges and the South Orange County Wastewater Authority Employee Manual.

Motion carried: Aye 8, Nay 0, Abstained 0, Absent 0
Director Dunbar Aye
Director Freshley Aye
Director Collings Aye
Director Reinhart Aye
Director Whalen Aye
Director Ury Aye
Director Goldman Aye
Director Rebensdorf Aye

- E. Resolution No. 2023-07: A Resolution of the Board of Directors of the South Orange County Wastewater Authority Approving New Employee Salary Ranges to the July 1, 2023, to June 30, 2024, Memorandum of Understanding (“MOU”) between the South Orange County Wastewater Authority and the SOCWA Employee Association.

ACTION TAKEN

Motion was made by Director Goldman and seconded by Director Collings to adopt Resolution No. 2023-07: A Resolution of the Board of Directors of the South Orange County Wastewater Authority (SOCWA) Approving New Employee Salary Ranges to the July 1, 2023, to June 30, 2024, Memorandum of Understanding (“MOU”) between the South Orange County Wastewater Authority and the SOCWA Employee Association with the modified Recital.

Motion carried: Aye 8, Nay 0, Abstained 0, Absent 0
Director Dunbar Aye
Director Freshley Aye
Director Collings Aye
Director Reinhart Aye
Director Whalen Aye
Director Ury Aye
Director Goldman Aye
Director Rebensdorf Aye

Mr. Brad Neufeld, Labor Counsel, Varner & Brandt, LLP, reported that at the last Regular Board Meeting, an Employment Agreement between SOCWA and Jim Burror was executed, confirming his role as both the Acting General Manager and Director of Operations at an annual salary of \$237,000 with the term ending October 31, 2024, with a standard benefits package.

- F. Contract Extension Award to Sweeping Corp. of America for Street Sweeping Services [Project Committees No. 2, 15, and 17]

ACTION TAKEN

Motion was made by Director Dunbar and seconded by Director Ury to award a 1-year contract amendment to Sweeping Corp of America not to exceed \$19,832.00.

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

Director Goldman Aye

- G. Piggyback Contract Award to Cintas Corporation for Uniform Rental and Laundry Service [Project Committees No. 2, 15, and 17]

ACTION TAKEN

Motion was made by Director Collings and seconded by Director Ury to authorize the Acting General Manager/Director of Operations to enter into a contract with Cintas utilizing the piggyback contract through Omnia with the proposed pricing for the term of three (3) years with two (2) optional annual renewals.

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

- H. Board of Directors Office – Selection of Board Chair and Vice Chair

ACTION TAKEN

Motion was made by Director Collings and seconded by Director Ury to appoint Director Collings as Board Chair, and both Director Goldman and Director Ury to equally share the office of Vice Chair.

Motion carried: Aye 7, Nay 1, Abstained 0, Absent 0
Director Dunbar Aye
Director Freshley Nay
Director Collings Aye
Director Reinhart Aye
Director Whalen Aye
Director Ury Aye
Director Goldman Aye
Director Rebensdorf Aye

- I. General Counsel’s Updates

Ms. Adriana Ochoa, General Counsel, reported her attendance at the CASA Attorney Committee. She noted that she would keep the Board informed on any pending legislation relating to Wastewater.

This was an information item; no action was taken.

- J. General Manager’s Status Report

Mr. Jim Burror, Acting General Manager/Director of Operations, referred the Board to his report on page 209, noting he had nothing to add.

K. Upcoming Meetings Schedule:

- June 1, 2023 – Board of Directors Regular Meeting
- June 8, 2023 – Engineering Committee Meeting
- June 20, 2023 – Finance Committee Meeting
- June 22, 2023 – Board of Directors Special Facilitated Discussion Meeting
- July 6, 2023 – Board of Directors Regular Meeting

This was an information item; no action was taken.

7. OTHER MATTERS

None.

ADJOURNMENT

There being no further business, Director Collings adjourned the meeting at 10:30 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Special Meeting of the South Orange County Wastewater Authority Board of Directors on June 1, 2023, and approved by the Board of Directors of the South Orange County Wastewater Authority.

Danita Hirsh, Assistant Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

**Project Committee No. 2
Meeting**

**April 18, 2023
9:00 a.m.**

DRAFT

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Project Committee 2 was held on April 18, 2023, at 9:00 a.m. in person and via teleconference at 34156 Del Obispo Street, Dana Point, California. The following members of Project Committee No. 2 were present:

MATT COLLINGS	Moulton Niguel Water District	Director
SCOTT GOLDMAN	South Coast Water District	Director
SAUNDRA JACOBS	Santa Margarita Water District	Alternate Director

Staff Participation:

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

Also Participating:

ADRIANA OCHOA	Procopio Law
RICK SHINTAKU	South Coast Water District
MARC SERNA	South Coast Water District
SHERRY WANNINGER	Moulton Niguel Water District
ROGER BUTOW	Clean Water Now
DON BUNTS	Santa Margarita Water District
ROD WOODS	Moulton Niguel Water District
BILL MOORHEAD	Moulton Niguel Water District
DICK FIORE	Moulton Niguel Water District
KEVIN DAY	Moulton Niguel Water District
KARI VOZENIEK	Kidman, Gagen Law, LLC
JENNIFER LOPEZ	South Coast Water District
JOONE LOPEZ	Moulton Niguel Water District
DENNIS CAFFERTY	El Toro Water District
MIKE DUNBAR	Emerald Bay Service District
STEPHEN DOPUJA	Trabuco Canyon Water District
DREW ATWATER	Moulton Niguel Water District
KATHERYN FRESHLEY	El Toro Water District

1. Call Meeting to Order

Chairman Collings called the meeting to order at 9:00 a.m.

2. Public Comments

None.

3. Discussion and Action to Rescind the Vote and Action Taken at the November 22, 2022 PC 2 Committee Meeting to Remove SOCWA as Operator of J.B. Latham Facility.

ACTION TAKEN

Motion was made by Director Jacobs and seconded by Director Goldman to rescind the vote and action taken at the November 22, 2022, PC 2 Committee meeting to remove SOCWA as the operator of the J.B. Latham facility.

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

4. Discussion and Action to Approve Amendment No. 3 to Agreement for Acquisition, Use, Operation, Maintenance, and Expansion of Sewage Treatment Plant of City of San Juan Capistrano by South East Regional Reclamation Authority For and On Behalf of Project Committee No. 2

ACTION TAKEN

Motion was made by Director Jacobs and seconded by Director Goldman to approve Amendment No. 3 to the Agreement for Acquisition, Use, Operation, Maintenance and Expansion of Sewage Treatment Plant of City of San Juan Capistrano by South East Regional Reclamation Authority on behalf or Project Committee No. 2.

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

5. Discussion Regarding the Future Direction of South Orange County Wastewater Authority (SOCWA)

- a. Update on Tri-Agencies Joint Board Meeting
- b. Facilitated Discussion regarding J.B. Latham
- c. Discussion regarding SCWD’s request to extend the tolling agreement relating to the November 22, 2022, action to remove SOCWA as operator of J.B. Latham.
- d. SOCWA staff and South Coast Water District reported on their efforts to select a Facilitator.

An open discussion ensued on agenda items 5.a. thru 5.d. Director Collings stated the Facilitated meeting will commence on May 4, 2023, following the Board of Directors Regular Meeting, and May 18, 2023, following the Board of Directors Budget Workshop at the Dana Hills Tennis Center in Dana Point.

This was an informational item; no action was taken.

Adjournment

There being no further business, Chairman Collings adjourned the meeting at 9:12 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Special Meeting of the South Orange County Wastewater Authority Project Committee No. 2 of April 18, 2023, and approved by the Project Committee No. 2, and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Danita Hirsh, Assistant Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

April 18, 2023

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee Meeting was held on April 18, 2023, at 10:30 a.m. in-person and via teleconference from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Finance Committee were present via Zoom Meeting:

DENNIS CAFFERTY	El Toro Water District	Alternate Director
ERICA CASTILLO	Santa Margarita Water District	Alternate Director
MATT COLLINGS	Moulton Niguel Water District	Director

Absent:

BOB WHALEN	City of Laguna Beach	Director
PAM ARENDS-KING	South Coast Water District	Director [participated via Zoom as a non-voting member]

Staff Participation:

JIM BURROR	Acting General Manager
MARY CAREY	Finance Controller
DAVID BARANOWSKI	Director of Engineering
AMBER BAYLOR	Director of Environmental Compliance
KONSTANTIN SHILKOV	Senior Accountant
ANNA SUTHERLAND	Accounts Payable
DINA ASH	HR Administrator
MATT CLARKE	IT Administrator
RONI YOUNG-GRANT	Associate Engineer

Also Participating:

KATHRYN FRESHLEY	El Toro Water District
SHERRY WANNINGER	Moulton Niguel Water District
JENNIFER LOPEZ	South Coast Water District
ROD WOODS	Moulton Niguel Water District

1. Call Meeting to Order

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

2. Public Comments

None.

3. Financial Reports for the Month of January 2023

ACTION TAKEN

Motion was made by Director Collings and seconded by Director Cafferty that the Board of Directors ratify the January 2023 disbursements, \$2,326,317, for the period from January 1, 2023, through January 31, 2023, and to receive and file the January 2023 Financial Reports as submitted.

Motion carried: Aye 3, Nay 0, Abstained 0, Absent 2
Director Castillo Aye
Director Whalen Absent
Director Cafferty Aye
Director Collings Aye
Director Arends-King Absent

4. Financial Reports for the Month of February 2023

ACTION TAKEN

Motion was made by Director Cafferty and seconded by Director Castillo that the Board of Directors ratify the February 2023 disbursements, \$4,341,262, for the period from February 1, 2023, through February 28, 2023, and to receive and file the February 2023 Financial Reports as submitted.

Motion carried: Aye 3, Nay 0, Abstained 0, Absent 2
Director Castillo Aye
Director Whalen Absent
Director Cafferty Aye
Director Collings Aye
Director Arends-King Absent

5. FY 2022-23 O&M Budget Update and Proposed Budget Assumptions

ACTION TAKEN

Motion was made by Director Collings and seconded by Director Cafferty that the Board of Directors approved recommended budget adjustments as discussed.

Motion carried: Aye 3, Nay 0, Abstained 0, Absent 2
Director Castillo Aye
Director Whalen Absent
Director Cafferty Aye
Director Collings Aye
Director Arends-King Absent

6. FY 2023-24 Workshop Total Budget and Response to Questions and Comments from March 21, 2023

Ms. Mary Carey, Financial Controller, gave a PowerPoint presentation on the proposed FY 2023-24 Budget. She also addressed Santa Margarita Water District's request to consolidate Santa Margarita's and the City of San Juan Capistrano's budget allocations. An open discussion ensued.

This was an information item; no action was taken.

7. FY 2022-23 O&M Budget Update and Proposed Budget Assumptions

Mr. Jim Burror, Acting General Manager, discussed the proposed budget assumptions for the FY 2022-23 O&M Budget. An open discussion ensued.

There was a consensus of the Finance Committee to present the Proposed FY 2022-23 O&M Budget and Budget Assumptions to the Board of Directors for consideration for approval.

Adjournment

There being no further business, Chairperson Castillo adjourned the meeting at 12:12 p.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Special Meeting of the South Orange County Wastewater Authority Finance Committee of April 18, 2023, and approved by the Finance Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Danita Hirsh / Assistant Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

May 16, 2023

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee Meeting was held on May 16, 2023, at 10:30 a.m. in-person and via teleconference from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Finance Committee were present via Zoom Meeting:

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

Absent:

BOB WHALEN	City of Laguna Beach	Director
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Staff Participation:

JIM BURROR	Acting General Manager
MARY CAREY	Finance Controller
DAVID BARANOWSKI	Director of Engineering
AMBER BAYLOR	Director of Environmental Compliance
KONSTANTIN SHILKOV	Senior Accountant
ANNA SUTHERLAND	Accounts Payable
DINA ASH	HR Administrator
MATT CLARKE	IT Administrator
RONI YOUNG-GRANT	Associate Engineer

Also Participating:

ADRIANA OCHOA	Procopio Law
KEVIN DAVIS	Procopio Law
GREG PENNINGTON	South Coast Water District
SHERRY WANNINGER	Moulton Niguel Water District
JENNIFER LOPEZ	South Coast Water District
KATHRYN FRESHLEY	El Toro Water District
SAUNDRA JACOBS	Santa Margarita Water District

1. Call Meeting to Order

Chairperson Castillo called the meeting to order at 10:32 a.m.

2. Public Comments

None.

3. Financial Reports for the Month of March 2023

ACTION TAKEN

Motion was made by Director Collings and seconded by Director Arends-King that the Board of Directors ratify the March 2023 disbursements, \$2,814,904, for the period from March 1, 2023, through March 31, 2023, and to receive and file the March 2023 Financial Reports as submitted.

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

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

There was a consensus of the Finance Committee directing staff to bring the agenda item back in June after completing reconciliation.

5. FY 2022-23 Administration and General Fund Budget Update

Ms. Mary Carey, Finance Controller, presented the FY 2022-23 budget update for the Administration and General Fund.

There was a consensus of the Finance Committee directing staff to make corrections to the allocations before resubmitting to the Board of Directors at their June meeting.

6. FY 2023-24 Workshop Total Budget and Response to Questions and Comments from March 21, 2023

Ms. Carey presented the revised proposed FY 2023-24 Budget. An open discussion ensued.

ACTION TAKEN

Motion was made by Director Castillo and seconded by Director Collings to forward the proposed FY 2023-24 budget to the Board of Directors Budget Workshop for discussion/ comments and consideration for approval.

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

Adjournment

There being no further business, Chairperson Castillo adjourned the meeting at 11:43 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 May 16, 2023, and approved by the Finance Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

Danita Hirsh / Assistant Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Agenda Item

5.D.

Board of Directors Meeting

Meeting Date: July 6, 2023

TO: Board of Directors
FROM: Jim Burror, Acting General Manager/Director of Operations
STAFF CONTACT: Danita Hirsh, Executive Assistant
SUBJECT: Consideration of Approval of Various Unapproved Minutes, Disbursements, and Financial Reports

Summary

This update item was on the Agenda at the December 9, 2021, SOCWA Board meeting with the direction to staff to return the item to the February 3, 2022, meeting.

History

At the November 4, 2021, Board of Directors meeting, the Chair gave direction to staff to prepare a summary of the West Yost services to indicate the payments made, the month of disbursements, the actions taken by the Finance Committee to approve the disbursements and the minutes reflecting such actions. Attachment "A" hereto is a summary of the activity as requested, and Attachment "A" has previously been provided to Board Members and includes:

- invoices paid
- the remaining balance unpaid of the original \$238,815 amount
- the invoices received and unpaid amounts
- the month invoices were paid
- the month of the disbursements submittal to the Finance Committee
- the date of the Finance Committee recommendation to the Board to approve the disbursements
- the date of the Board meetings for consideration to act on the Finance Committee recommendations, and
- the minutes reflecting Finance Committee recommendations

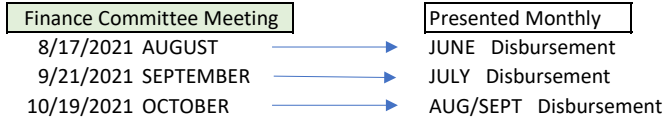
Recommended Action: Staff recommends that the Board of Directors approve and receive and file the various open items as follows:

- Minutes of the Regular Meeting of September 2, 2021
 - Includes recording of the Board vote on 9/2 to ratify the June 2021 disbursements, which included payments to West Yost
- Minutes of the Finance Committee of September 21, 2021
 - Includes the approved recommendation of the Finance Committee to the Board to ratify the July 2021 disbursements
- Financial Reports for the Month of July 2021
 - Includes disbursements that included West Yost Payments
 - Finance Committee previously recommended to the Board to approve the disbursements (at the 9/21/2021 Fin Com Meeting)

- Financial Reports for the Month of August 2021
 - Includes disbursements that included West Yost Payments
 - Finance Committee previously recommended to the Board to approve the disbursements (at the 10/19/2021 Fin Com Meeting)
- Minutes of the Finance Committee of October 19, 2021
 - Includes the approved recommendation of the Finance Committee to the Board to ratify the August 2021 disbursements

Attachment "A" - West Yost Contract, Disbursement, and Approval

Original Amount	\$ 238,815.00			
Invoices Paid	\$ 45,119.10			
	\$ 58,312.25			
	\$ 33,500.75			
	\$ 48,455.25			
Invoice Not Paid	\$ 16,527.25	On Hold per Directing Chair at 10/7/21 meeting	(invoice received 8/31/21)	
	\$ 5,311.75	On Hold per Directing Chair at 10/7/21 meeting	(invoice received 9/21/21)	
Remaining Bal.	\$ 31,588.65			



INVOICE	PAID	MONTH DISBURSEMENT	AMOUNT	FINANCE COMMITTEE DATE	APPROVED?	BD DATE	REC'D AND FILED?
5044725	5/25/2021	June	\$ 45,119.10	8/17/2021	Yes	9/2/2021	YES *
2045049	7/15/2021	July	\$ 58,312.25	9/21/2021	Yes	10/7/2021	NO
2045390	7/15/2021	July	\$ 33,500.75	9/21/2021	Yes	10/7/2021	NO
2045739	8/16/2021	August	\$ 48,455.25	10/19/2021	Yes	11/4/2021	NO **

Dir. Dopudja abstained

Only Sept. was rec'd and filed

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

DRAFT

September 2, 2021

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Board of Directors was held on September 2, 2021, at 8:30 a.m. at 26880 Aliso Viejo Parkway, Aliso Viejo, California, and via Zoom. The following members of the Board of Directors were present in-person and via Zoom Meeting:

**DAN FERONS	Santa Margarita Water District	Director (in-person)	[arrived @ 8:44 a.m.]
*TONI ISEMAN	City of Laguna Beach	Director (Zoom)	[arrived @ 8:38 a.m.]
KATHRYN FRESHLEY	El Toro Water District	Director (in-person)	
MIKE DUNBAR	Emerald Bay Service District	Director (in-person)	
STEPHEN DOPUDJA	Trabuco Canyon Water District	Director (in-person)	
KEVIN BURTON	Irvine Ranch Water District	Alternate Director (in-person)	
DAVE REBENSORF	City of San Clemente	Director (Zoom)	[arrived @ 8:39 a.m.]
SCOTT GOLDMAN	South Coast Water District	Director (in-person)	
HOWARD HART	City of San Juan Capistrano	Alternate Director (Zoom)	[arrived @ 8:36 a.m.]
STEPHEN DOPUDJA	Trabuco Canyon Water District	Director (in-person)	
*DAVID SHISSLER	City of Laguna Beach	Alternate Director (in-person)	Due to intermittent connection to Zoom, Director Iseman exited at 8:53 a.m., and deferred to Alternate Director Shissler as representative of City of Laguna Beach.
**DON BUNTS	Santa Margarita Water District	Alternate Director (Zoom)	Alternate Director Bunts was in attendance for Roll Call representing Santa Margarita Water District.

Staff Present:

BETTY BURNETT	General Manager
JIM BURROR	Director of Operations
MARY CAREY	Finance Controller
JASON MANNING	Director of Engineering
AMBER BAYLOR	Director of Environmental Compliance
MATT CLARKE	IT Administrator
DANITA HIRSH	Executive Assistant

Also Present:

ADRIANA OCHOA	Procopio Law
BRAD NEUFELD	Varner & Brandt Law

1. CALL TO ORDER

Chairman Collings called the meeting to order at 8:31 a.m.

2. PLEDGE OF ALLEGIANCE – Director Kathryn Freshley

3. ORAL COMMUNICATIONS

None

4. CONSENT CALENDAR

Agenda items 4E 4N, and 4O were pulled for further clarifications.

ACTION TAKEN

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

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

- 4A. Minutes of Board Meeting August 5, 2021
- 4B. Minutes of Finance Committee June 15, 2021
- 4C1. Minutes of Engineering Committee May 13, 2021
- 4C2. Minutes of Engineering Committee June 10, 2021
- 4D. Minutes of Engineering Committee/PC 2 Committee July 13, 2021
- 4F. Preliminary FY 2021-21 Cash Roll Forward as of June 30, 2021
- 4G. Actuarial Valuation Report on Retiree Health Program as of December 31, 2020
- 4H. Approval of PC 23 Budget Adjustment for Legal
- 4I. PC 5 Budget Adjustment in the amount of \$24,000
- 4J. July 2021 Operations Reports
- 4K. Rockwell TechConnect Support Agreement Renewal (via OneSource Distributors, Inc. \$51,411.21 [Project Committee 2, 15, and 17])
- 4L. Capital Improvement Program Status Report
- 4M. Capital Improvement Program Project Financial Status Report [Project Committees 2, 15, 17]

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

Director Dunbar	Aye
Director Freshley	Aye
Director Dopudja	Aye
Director Collings	Aye
Director Burton	Aye
Director Shissler	Aye
Director Bunts	Aye
Director Goldman	Aye
Director Hart	Aye
Director Rebensdorf	Absent

4E. Preliminary Financial Reports for the Fiscal Year Ended June 30, 2021

Director Dopudja pulled agenda item 4E to check with legal counsel to weigh in and to make sure on the disbursements that there was no potential conflict of interest.

Ms. Burnett, General Manager stated she could not verify at this moment what is in the disbursements.

Director Dopudja stated he would just abstain.

Ms. Adriana Ochoa, legal counsel from Procopio law stated that out of an abundance of caution for perspective conflict of interest purposes, Director Dopudja can recuse himself from voting on agenda item 4E of the Consent Calendar. Ms. Ochoa also stated she would work with Betty Burnett to assure staff flags perspective issues that they are aware of in the future.

Director Dopudja asked, for a recusal wouldn't I need to not be part of the discussion and walk out of the room?

Ms. Ochoa responded yes, you can stand up and leave the room.

Director Dopudja stated he couldn't do that now, and noted he think an abstention is the appropriate response to be accurately reflected, and in the future, he will walk out of the room.

ACTION TAKEN

Motion was made by Director Ferons and seconded by Director Dunbar to ratify the June 2021 disbursements for the period from June 1, 2021, through June 30, 2021, totaling \$2,157,842, and to receive and file the June 2021 Financial Reports as submitted.

Motion carried: Aye 8, Nay 0, Abstained 1, Absent 1
Director Dunbar Aye
Director Freshley Aye
Director Dopudja Abstain
Director Collings Aye
Director Burton Aye
Director Shissler Aye
Director Ferons Aye
Director Goldman Aye
Director Hart Aye
Director Rebensdorf Absent

- 4N. Coastal Treatment Plant Export Sludge Force Main Replacement Project Geotechnical Services During Construction Change Order [Project Committee 15]

ACTION TAKEN

Motion was made by Director Dunbar and seconded by Director Shissler approve the Ninyo & Moore change order in the amount of \$43,166 for a total revised contract amount of \$108,956 for the geotechnical services during construction for the Coastal Treatment Plant Export Sludge Force Main Replacement Project.

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

- 4O. Resolution No. 2021-06 Resolution of Commendation to Keith Bacon

ACTION TAKEN

Motion was made by Director Freshley and seconded by Director Ferons to adopt Resolution No. 2021-06 and authorize Chairman Collings to sign the Commendation on behalf of the Board of Directors of the South Orange County Wastewater Authority.

Motion carried: Aye 10, Nay 0, Abstained 0, Absent 0
Director Dunbar Aye
Director Freshley Aye
Director Dopudja Aye
Director Collings Aye

Director Burton	Aye
Director Iseman	Aye
Director Ferons	Aye
Director Goldman	Aye
Director Hart	Aye
Director Rebensdorf	Aye

5. GENERAL MANAGER'S REPORTS

- A. Small Capital JBL Digester Nos. 1 and 2 Manway Access Improvements General Manager Authorization [Project Committee 2]

ACTION TAKEN

Motion was made by Director Ferons and seconded by Director Collings to establish a small capital project items budget up to \$385,000 with a 10% contingency for a total budget of \$423,000 for Digester Nos. 1 and 2 Manway Access Improvements; and authorize the General Manager to award and execute contracts for the Digester Nos. 1 and 2 Manway Cutouts, Manway Frames and Covers Fabrication, Manway Installation and Grouting, and Digester Internal Coating Repairs.

Motion carried:	Aye 4, Nay 0, Abstained 0, Absent 0
	Director Dunbar Aye
	Director Collings Aye
	Director Iseman Aye
	Director Goldman Aye
	Director Hart Aye

- B. Board Workshop

1. Report of Ad Hoc Committee on Wastewater Alternatives

Ad Hoc Members: El Toro Water District
Moulton Niguel Water District
Santa Margarita Water District
South Coast Water District

Director Collings gave a PowerPoint presentation on the Evaluation of Wastewater Treatment Operational Structures attached herein.

This was an information item; no action was taken.

2. General Counsel Report – Update on JPA Revision Process

Ms. Adriana Ochoa of Procopio Law updated the Board on the current status of the revisions proposed to the JPA. She stated an All-Hands meeting will be scheduled in the near future for further discussion.

This was an information item; no action was taken.

3. IRWD Update on Withdrawal Request & Presentation

Mr. Burton gave an update of IRWD's proposed actions to withdraw from SOCWA's JPA. He shared IRWD's proposed Draft Wastewater Capacity Agreement, Draft Withdrawal Agreement from South Orange County Wastewater Authority, and Term Sheet.

This was an information item; no action was taken.

4. SOCWA General Counsel Comments

No further comments were provided.

The Board convened to Closed Session at 11:31 a.m.
The Board reconvened to Open Session at 11:57 a.m.

6. CLOSED SESSION

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

There were no reportable actions out of Closed Session.

ADJOURNMENT

There being no further business, Director Collings adjourned the meeting at 11:57 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Regular Meeting of the South Orange County Wastewater Authority Board of Directors on September 2, 2021 and approved by the Board of Directors of the South Orange County Wastewater Authority.

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

Evaluation of Wastewater Treatment Operational Structures

Task Force Members:

El Toro Water District

Moulton Niguel Water District

Santa Margarita Water District

South Coast Water District

What are we looking to accomplish today?

- Background – How did we get here?
- What will the presentation cover?
- What are the next steps?
 - Request to SOCWA staff to work with task force
 - Provide regular updates to the SOCWA Board and Member Agencies
 - Bring back an evaluation of alternative options in early 2022



Why evaluate the alternative approaches now?

- Governing Agreements
 - 50-year old project agreements are expiring
 - Project agreements need to be extended/renegotiated
 - JPA agreement is currently up for discussion/review
- Member Agency changes impacting Organizational Structure
 - IRWD request to withdrawal
 - SJC annexation to SMWD
 - Varied needs moving forward

A brief history of wastewater treatment in South OC

- AWMA and SERRA were formed in the 1970s
- Purpose was to receive federal funding
 - Constructed Coastal, JB Latham, and Regional Treatment Plants in late 70s/early 80s
- AWMA assumed operations of Coastal and Regional in 1990s
- SOCRA was formed to support regional permitting for recycled water use
- In 2001, the three agencies were combined to form SOCWA to improve administrative efficiencies

What are potential operating structures?

- Option #1 – Maintain similar operating structure
 - Are there opportunities to increase efficiency?
- Option #2 – Transition operating requirements; Assets reside with Operating Agency
 - Similar to Baker WTP, JRWSS, Plant 3A
 - Project Agreement to define decision-making and operation
- Option #3– Transition operating requirements; Assets continue to reside with SOCWA:
 - Similar structure to previous AWMA
 - Joint Powers Authority would remain to define governance and operation
 - Will require operating agreement to define operating agency responsibility
 - Need to address alignment of ownership/cost and decision-making/risk

What is the anticipated process of the evaluation?

- Components would follow previous work product from task force presented to SOCWA Board
- Efforts would be led by interested parties
 - Working closely with SOCWA staff and task force members
 - Need to obtain data and information from SOCWA to develop evaluation
- Regular updates provided to the SOCWA Board
 - Opportunity for feedback or questions
- Potential for technical support by third parties, as identified
- Draft for discussion in early 2022
- Updated JPA and PC Agreements by June 2022



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

Finance Committee

September 21, 2021

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee Meeting was held on September 21, 2021 at 10:30 a.m. via teleconference from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Finance Committee were present via Teams Meeting:

DAN FERONS	Santa Margarita Water District	Director
DAVID SHISSLER	City of Laguna Beach	Alternate Director [arrived @ 10:33 a.m.]
DENNIS CAFFERTY	El Toro Water District	Alternate Director
MATT COLLINGS	Moulton Niguel Water District	Director
PAMELA ARENDS-KING	South Coast Water District	Alternate Director

Absent:

SERGIO FARIAS	City of San Juan Capistrano	Director
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Staff Participation:

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

Also Participating:

ADRIANA OCHOA	Procopio Law Firm
MARY BETH REDDING	Bartel & Associates
KATHRYN FRESHLEY	El Toro Water District
TREVOR AGRELIUS	Moulton Niguel Water District
SHERRY WANNINGER	Moulton Niguel Water District
GAVIN CURRAN	City of Laguna Beach
JASON HAYDEN	El Toro Water District
EILEEN LIN	Irvine Ranch Water District
KEN DOMER	City of Laguna Beach

1. Call Meeting to Order

Chairman Ferons called the meeting to order at 10:32 a.m.

2. Public Comments

None

3. Approval of Minutes

- Finance Committee Meeting of August 17, 2021

ACTION TAKEN

Motion was made by Director Arends-King and seconded by Director Ferons to approve Finance Committee Meeting Minutes for August 17, 2021 as submitted.

Motion carried:	Aye 4, Nay 0, Abstained 1, Absent 1
	Director Ferons Aye
	Director Shissler Abstain
	Director Farias Absent
	Director Cafferty Aye
	Director Collings Aye
	Director Arends-King Aye

4. Financial Reports for the Month of July 2021

Ms. Burnett noted for the record to inform the Board of any items in the disbursements that related to payments to the West Yost contract. She commented that the July disbursements does contain disbursements to West Yost and would appear on the Consent Calendar allowing Director Dopudja to recuse or abstain as he appropriately elects.

ACTION TAKEN

Motion was made by Director Cafferty and seconded by Director Shissler to recommend to the Board of Directors to ratify the July 2021 disbursements for the period of July 1 through July 31, 2021, totaling \$6,771,917, and to receive and file the July 2021 Financial Reports as submitted.

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

5. Draft GASB 75, OPEB/Retiree Health, Report for the Fiscal Year Ended June 30, 2021

Ms. Carey reported on the OPEB/Retiree Health for the period of December 31, 2020 to the Fiscal Year Ended June 30, 2021.

As recommended by staff, the Finance Committee reviewed the report as an information item; no action was taken.

6. CalPERS Pension Plan and OPEB (Retiree Health) Unfunded Termination Liabilities Calculation for an individual Agency-Draft Template and Assumptions

Ms. Mary Beth Redding of Bartels & Associates gave a PowerPoint presentation (see pages 22 thru 72 of the Finance Committee Agenda Packet) on the GASB 74/75 Actuarial Valuation for Fiscal Year Ending June 30, 2021. An open discussion ensued.

This was an information item; no action was taken.

7. Uniform Purchasing Policy and Procedure – Nondiscretionary Spending

Ms. Burnett, General Manager stated this has been a long-standing open item and Directors indicated they are interested in adjustments to the Uniform Purchasing Policy and Procedure having to do with non-discretionary spending. The staff report captures input from Director Collings providing the way in which MNWD looks at authority to spend. Ms. Burnett also stated Director Ferons has talked about concerns over breaking contracts up into small pieces for the same purchase in the same time period. The item is brought now to give the Finance Committee Directors an opportunity to comment on Exhibit 2. She noted there was no change to the Exhibit 2 language the last time the Policy was formerly amended.

Ms. Burnett also stated Director Cafferty had comments and thoughts on the subject which she would like to get again so as to make some progress moving forward on what will help the Board to feel secure that staff is spending within authorization of the Board.

Ms. Burnett noted that if Board Members desire to select or approve particular kinds of vendors or services those could be identified by the Committee. Staff is requesting comments from the Committee members to help identify changes desired. An open discussion ensued.

Director Collings stated the fundamental question for him is if there is discretion as to who the vendor is that we're utilizing to provide a service then it should not be considered non-discretionary. He continued stating there isn't discretion as to paying the San Diego Gas & Electric bill, but who provides your landscape maintenance services is very much an action of discretion that the Board should approve if it's over \$50k. He stated historically the Board has approved the Landscape Contract and that he didn't understand its listing in Exhibit 2 as nondiscretionary if you're already bringing it to the Board for approval.

Director Collings noted that as to the general definition the term nondiscretionary would apply to items that you do not have the discretion to change the vendor or who you're writing the check to or in such case things like insurance and legal counsel are things that generally are long standing items that require a lot of lead up to change. Another example would be software license agreements. You're not going to change your Blackbaud. That is nondiscretionary until you decide to change out Blackbaud because that's such a huge lead item. Director Collings stated that is how he looks at, and in his mind makes sense, but is open to discussion and comments on that. An open discussion ensued.

Director Ferons stated he is in agreement commenting that past practice has been to bring back the landscape contracts, and the chemical contracts. He noted where the discretion comes in is not necessarily in selecting the vendor and contractor in that annual amount. He noted once you have a chlorine vendor and going to purchase the amount of chlorine to use to run the plant, your point is selection based on unit prices is linked to the contract.

It's all of those variables once that is established. If you have a three-year contract, then in years two and three you don't need to approve that contract because you already know the unit price was established in those years as much as possible. An open discussion ensued.

Director Arends-King stated she also agrees with Director Collings and Director Ferons. She stated when she read through discretionary and nondiscretionary in the SOCWA Purchasing Policy it was a bit confusing. She stated her interpretation of discretionary and nondiscretionary falls in line with what Director Collings previously stated, and that Director Ferons was also correct. Director Arends-King stated if you have a three-year contract with chemicals or landscaper and you went out to bid and got the best price, then you know what that is and approved a three-year contract. She noted it's still discretionary because you went out and got bids with that vendor and you have the contract. It becomes nondiscretionary because you have a three-year contract. She commented that she would be more inclined to agree with Director Collings viewpoint on the policy vs. what's in it now. An open discussion ensued.

Director Cafferty stated he also agreed with Director Collings comments. He stated if it's something that you're choosing between vendors whether it its landscaping, there is a variety of the facilities maintenance agreements that could be of any different vendors that has some sort of process to select from, and for those contracts to exceed \$50k, he would expect they would go to the Board for approval. Director Cafferty also agreed that some of those services maybe not all is not going to make sense to bid them every year. He commented that it is a common practice to bring it to the Board even on a continuing contract but you can set that up as part of the budget process to acknowledge that certain of those services through the budget are assuming the continuation of an existing contract so it doesn't have to come back as an individual action item. Director Cafferty stated I think we're all saying the same thing but the kind of fundamental point Director Collings makes about the ability to choose between different vendors if it exceeds the purchasing authority of the General Manager then the Board should approve it. An open discussion ensued.

Director Ferons directed Ms. Burnett, General Manager to take the comments provided and do a revised mark-up to the purchasing policy for the Finance Committee to review.

This was an information item; no action was taken.

Adjournment

There being no further business, Chairman Ferons adjourned the meeting at 11:59 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Regular Meeting of the South Orange County Wastewater Authority Finance Committee of September 21, 2021 and approved by the Finance Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

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

Agenda Item

Board of Directors Meeting

Meeting Date: February 3, 2022

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

Summary/Discussion

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

The reports included are as follows:

- a. Summary of Disbursements for July 2021 (Exhibit A)
- b. Schedule of Funds Available for Reinvestment (Exhibit B)
 - Local Agency Investment Fund (LAIF)
- c. Schedule of Cash and Investments (Exhibit C)
- d. Capital Schedule (Exhibit D)
 - Capital Projects – Graph (Exhibit D-1)
- e. Budget vs. Actual Expenses:
 - Operations and Environmental Summary (Exhibit E-1)
 - Operations and Environmental by PC (E-1.2)
 - Residual Engineering, after transfer to Capital (Exhibit E-2)
 - Administration (Exhibit E-3)
 - Information Technology (IT) (Exhibit E-4)

Fiscal impact

July 2021 cash disbursements were: \$ 6,771,917.

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

Recommended Action: The Finance Committee recommends to the Board of Directors to ratify the July 2021 disbursements for the period from July 1, 2021, through July 31, 2021, totaling \$6,771,917, and to receive and file the July 2021 Financial Reports as submitted.

Exhibit A

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

	<u>Actual¹</u>
General Fund	\$ (1,926,019)
PC 2 - Jay B. Latham Plant	(1,370,713)
PC 5 - San Juan Creek Ocean Outfall	(51,111)
PC 8 - Pretreatment Program	(11,669)
PC 12 SO - Water Reclamation Permits	(144,822)
PC 15 - Coastal Treatment Plant/AWT	(2,326,489)
PC 17 - Joint Regional Wastewater Reclamation	(899,510)
PC 21 - Effluent Transmission Main	(22,862)
PC 23 - North Coast Interceptor	(318)
PC 24 - Aliso Creek Ocean Outfall	(18,403)
Total	<u><u>\$ (6,771,917)</u></u>

¹ Disbursements increased \$4.6 million over the prior month, primarily due to the following:

CalPERS UAL payment of \$1.2 million for FY 21-22

PCL Construction, \$1.4 million

Olsson Construction, \$615 thousand

Filanc Construction, \$413 thousand.

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

CASH IN BANK: (BEGINNING BAL.)	\$	1,271,925
L.A.I.F. FUNDS: (BEGINNING BAL.)		13,927,065
DEPOSITS, TRANSFERS & ADJUSTMENTS:		2,032,791
FUND REQUIREMENTS:		
BILLS FOR CONSIDERATION ¹		(6,771,917)
TOTAL CASH IN BANK	\$	10,459,864

¹ GL postings.

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

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

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

Betty Burnett
General Manager

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



PMIA/LAIF Performance Report as of 08/13/21



PMIA Average Monthly Effective Yields⁽¹⁾

Jul	0.221
Jun	0.262
May	0.315

Quarterly Performance Quarter Ended 06/30/21

LAIF Apportionment Rate ⁽²⁾ :	0.33
LAIF Earnings Ratio ⁽²⁾ :	0.0000897371743018
LAIF Fair Value Factor ⁽¹⁾ :	1.00008297
PMIA Daily ⁽¹⁾ :	0.22%
PMIA Quarter to Date ⁽¹⁾ :	0.30%
PMIA Average Life ⁽¹⁾ :	291

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 07/31/21 \$181.8 billion

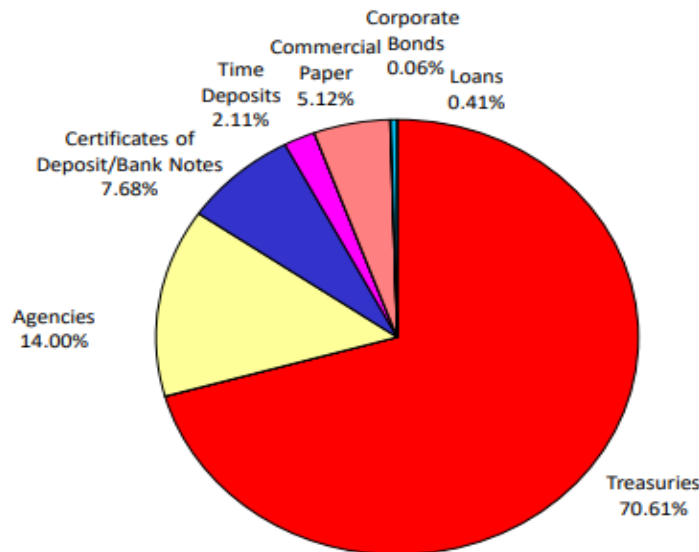


Chart does not include 0.01% of mortgages. Percentages may not total 100% due to rounding.

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

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

Exhibit C

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

MVA	\$ 413,414	(A)
A/P Checking	1,420,184	(B)
Payroll Checking	26,901	(C)
State LAIF	8,599,365	(D)
Total Cash in Bank	\$ 10,459,864	
Petty Cash	1,600	(E)
Total Operating Cash	\$ 10,461,464	
OPEB Trust	6,681,045	(F)
Total Cash and Investments	\$ 17,142,509	

Notes:

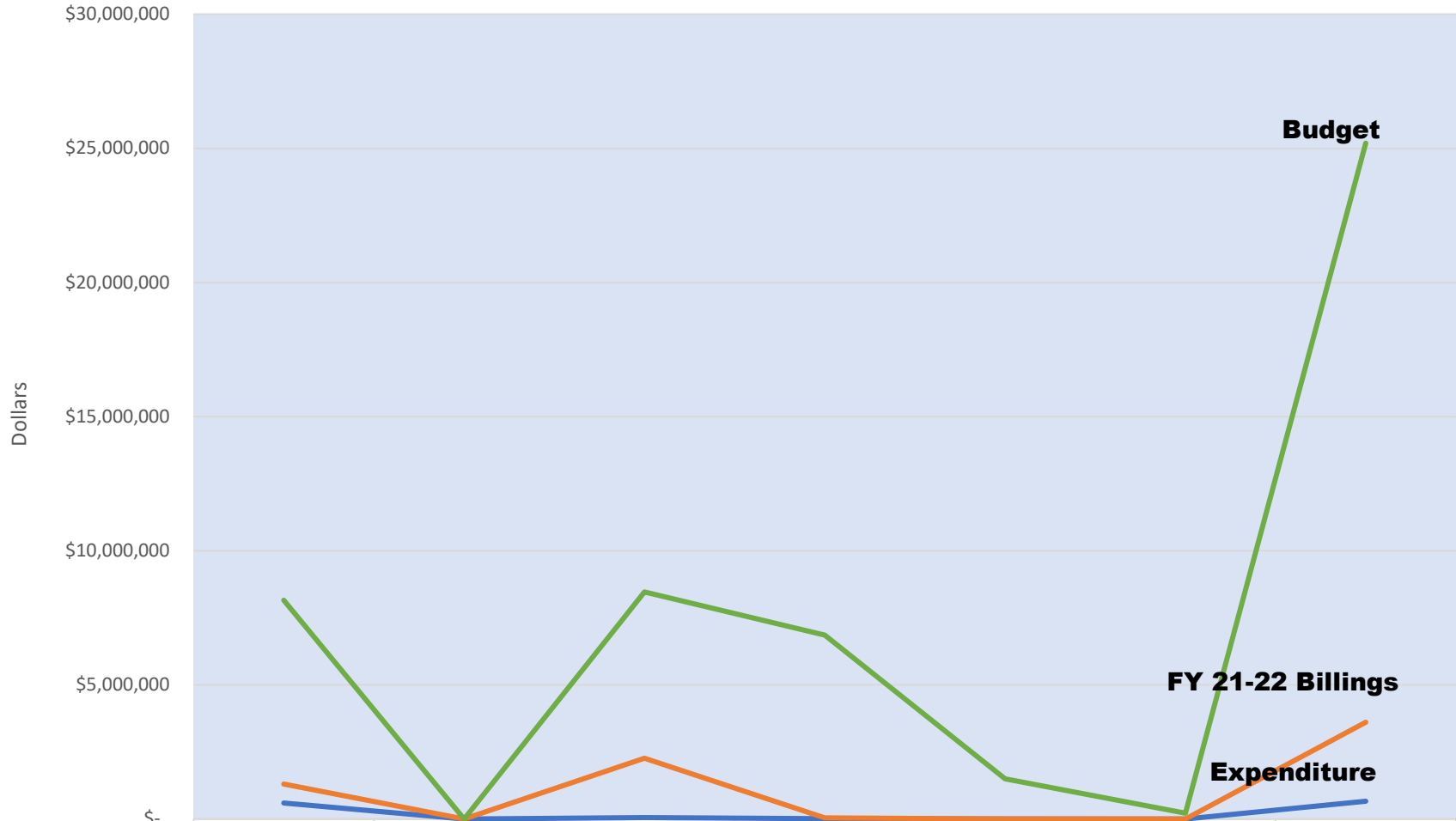
- (A) Interest bearing account; all cash receipts are deposited in this account and later moved to the LAIF account.
- (B) Accounts Payable Checks are drawn against this account; money is transferred to this account, as needed, from the LAIF account.
- (C) Payroll including payroll taxes and related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

**South Orange County Wastewater Authority
Capital Projects Summaries
For the Period Ended July 31, 2021
(in dollars)**

FY 2021-22 Budget vs. Actual Spending								
<u>Description</u>	Capital Budget	Fiscal Year Spending	(Over)/ Under Budget	% Expended	Member Agency Billed	Member Agency Collections	Open Receivables	% Expended vs. Billed
PC 2-JB Latham	\$ 8,153,937	\$ 591,461	\$ 7,562,476	7.3%	\$ 1,303,750	\$ -	\$ 1,303,750	45.4%
PC 5-San Juan Creek Outfall	-	-	-	-	-	-	-	-
PC 15-Coastal	8,464,653	53,677	8,410,976	0.6%	2,264,999	67,611	2,197,388	2.4%
PC 17-Regional	6,851,959	12,899	6,839,060	0.2%	38,249	4,050	34,199	-
PC 21 Effluent Transmission	1,502,000	4,979	1,497,021	0.3%	-	-	-	-
PC 24 Aliso Creek Outfall	220,000	-	220,000	0.0%	-	-	-	-
Total Large Capital	\$ 25,192,549	\$ 663,016	\$ 24,529,533	2.6%	\$ 3,606,998	\$ 71,661	\$ 3,535,337	18.4%
Non-Capital Engineering	405,871	-	405,871	0.0%	25,000	746	24,254	0.0%
Non-Capital Misc Engineering	254,500	12,057	242,443	4.7%	6,000	1,260	4,740	200.9%
Small Internal Capital	2,061,000	122,206	1,938,794	5.9%	515,250	19,103	496,147	23.7%
Total Capital	\$ 27,913,920	\$ 797,278	\$ 27,116,642	2.9%	\$ 4,153,248	\$ 92,770	\$ 4,060,478	19.2%

Large Capital Projects Fiscal Year '21-22 Budget vs. Year-to-Date Expenditures & Billings as of 7/31/2021

Exhibit D-1



	PC 2-JB Latham	PC 5-San Juan Creek Outfall	PC 15-Coastal	PC 17-Regional	PC 21 Effluent Transmission	PC 24 Aliso Creek Outfall	Total Large Capital
Spent - YTD 7/31/21	\$591,461	-	\$53,677	\$12,899	\$4,979.18	-	\$663,016
FY 21-22 Billings	\$1,303,750	-	\$2,264,999	\$38,249	-	-	\$3,606,998
Capital Budget 21-22	\$8,153,937	-	\$8,464,653	\$6,851,959	\$1,502,000	\$220,000	\$25,192,549

South Orange County Wastewater Authority
O & M & Environmental Safety Costs Summary
For the Period Ended July 31, 2021
(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
5000-*	Regular Salaries-O&M	4,847,168	369,092	4,478,076	7.6%
5001-*	Overtime Salaries-O&M	107,256	9,249	98,007	8.6%
5306-*	Scheduled Holiday Work	91,000	12,011	78,989	13.2%
5315-*	Comp Time - O&M	15,980	3,419	12,561	21.4%
5401-*	Fringe Benefits IN to PC's & Depts.	2,511,460	191,278	2,320,182	7.6%
5700-*	Standby Pay	67,600	5,720	61,880	8.5%
	Total Payroll Costs	7,640,464	590,769	7,049,695	7.7%
Other Expenses					
5002-*	Electricity	1,170,780	111,259	1,059,521	9.5%
5003-*	Natural Gas	226,008	24,569	201,439	10.9%
5004-*	Potable & Reclaimed Water	85,000	4,730	80,270	5.6%
5005-*	Co-generation Power Credit	(686,000)	(93,122)	(592,878)	13.6%
5006-*	Chlorine/Sodium Hypochlorite	502,008	53,630	448,378	10.7%
5007-*	Polymer Products	747,004	108,707	638,297	14.6%
5008-*	Ferric Chloride	588,004	49,122	538,882	8.4%
5009-*	Odor Control Chemicals	107,016	11,185	95,831	10.5%
5010-*	Other Chemicals - Misc.	2,004	-	2,004	-
5011-*	Laboratory Services	65,196	948	64,248	1.5%
5012-*	Grit Hauling	120,000	6,415	113,585	5.3%
5013-*	Landscaping	219,008	10,627	208,381	4.9%
5015-*	Management Support Services	475,000	1,347	473,653	0.3%
5016-*	Audit - Environmental	1,304	-	1,304	-
5017-*	Legal Fees	48,612	-	48,612	-
5018-*	Public Notices/ Public Relations	6,000	-	6,000	-
5019-*	Contract Services Misc.	277,016	-	277,016	-
5021-*	Small Vehicle Expense	23,080	1,483	21,597	6.4%
5022-*	Miscellaneous Expense	16,012	-	16,012	-
5023-*	Office Supplies - All	46,008	1,272	44,736	2.8%
5024-*	Petroleum Products	34,008	-	34,008	-
5025-*	Uniforms	70,996	5,671	65,325	8.0%
5026-*	Small Vehicle Fuel	22,656	65	22,591	0.3%
5027-*	Insurance - Property/Liability	317,684	14,624	303,060	4.6%
5028-*	Small Tools & Supplies	80,000	3,883	76,117	4.9%
5030-*	Trash Disposal	8,500	308	8,192	3.6%
5031-*	Safety Program & Supplies	119,344	10,099	109,245	8.5%
5032-*	Equipment Rental	7,004	1,509	5,495	21.6%
5033-*	Recruitment	2,500	-	2,500	-
5034-*	Travel Expense/Tech. Conferences	29,928	-	29,928	-
5035-*	Training Expense	47,996	4,056	43,940	8.5%
5036-*	Laboratory Supplies	124,400	7,773	116,627	6.2%
5037-*	Office Equipment	25,992	699	25,293	2.7%
5038-*	Permits	489,996	18,743	471,253	3.8%
5039-*	Membership Dues/Fees	17,872	687	17,185	3.8%
5044-*	Offshore Monitoring	151,000	3,339	147,662	2.2%
5045-*	Offshore Biochemistry - 20B	23,024	-	23,024	-
5046-*	Effluent Chemistry	70,000	52	69,948	0.1%
5047-*	Access Road Expenses	45,000	-	45,000	-
5048-*	Storm Damage	21,000	-	21,000	-
5049-*	Biosolids Disposal	1,470,000	97,801	1,372,199	6.7%
5050-*	Contract Services Generators - 29A	28,008	-	28,008	-
5052-*	Janitorial Services	101,004	8,278	92,726	8.2%
5053-*	Contract Serv - Digester Cleaning - 29E	60,000	7,993	52,007	13.3%
5054-*	Diesel Truck Maint	42,000	354	41,646	0.8%
5055-*	Diesel Truck Fuel	11,500	-	11,500	-
5056-*	Maintenance Equip. & Facilities (Solids)	366,000	87,781	278,219	24.0%
5057-*	Maintenance Equip. & Facilities (Liquids)	651,996	38,715	613,281	5.9%
5058-*	Maintenance Equip. & Facilities (Common)	90,008	12,208	77,800	13.6%
5059-*	Maintenance Equip. & Facilities (Co-Gen)	738,996	32,203	706,793	4.4%
5060-*	Maintenance Equip. & Facilities (AWT)	88,000	-	88,000	-
5061-*	Mileage	3,608	149	3,459	4.1%
5068-*	MNWD Potable Water Supplies & Svcs.	28,000	7,304	20,696	26.1%
5074-*	Education Reimbursement	1,996	-	1,996	-
5076-*	SCADA Infrastructure	86,596	15,000	71,596	17.3%
5077-*	IT Direct	5,508	-	5,508	-
5105-*	Co-Generation Power Credit - Offset	685,992	93,122	592,870	13.6%
5303-*	Group Insurance Waiver	14,392	1,218	13,174	8.5%
5305-*	Medicare Tax Payments for Employees	2,160	170	1,990	7.9%
5309-*	Operating Leases	26,000	2,896	23,104	11.1%
5705-*	Monthly Car Allowance	35,396	3,480	31,916	9.8%
5799-*	Zephyr Wall Costs Share-O&M	(14,000)	(14,000)	0	100.0%
6500-*	IT Allocations in to PC's & Depts.	610,540	31,568	578,972	5.2%
	Total Other Expenses	10,881,660	789,923	10,091,737	7.3%
	Total O&M Expenses	18,522,124	1,380,691	17,141,433	7.5%

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

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
02 - Jay B. Latham Plant					
Salary and Fringe					
02-5000-***.**	Regular Salaries-O&M	1,585,228	133,748	1,451,480	8.4%
02-5001-***.**	Overtime Salaries-O&M	37,904	6,676	31,228	17.6%
02-5306-***.**	Scheduled Holiday Work	36,600	4,390	32,210	12.0%
02-5315-***.**	Comp Time - O&M	8,264	1,793	6,471	21.7%
02-5401-***.**	Fringe Benefits IN to PC's & Depts.	821,352	69,299	752,053	8.4%
02-5700-***.**	Standby Pay	25,096	1,885	23,211	7.5%
	Total Payroll Costs	<u>2,514,444</u>	<u>217,792</u>	<u>2,296,652</u>	<u>8.7%</u>
Other Expenses					
02-5002-***.**	Electricity	506,564	40,047	466,517	7.9%
02-5003-***.**	Natural Gas	132,160	10,306	121,854	7.8%
02-5004-***.**	Potable & Reclaimed Water	25,000	2,476	22,525	9.9%
02-5006-***.**	Chlorine/Sodium Hypochlorite	8,000	-	8,000	-
02-5007-***.**	Polymer Products	305,000	55,414	249,586	18.2%
02-5008-***.**	Ferric Chloride	200,000	14,576	185,424	7.3%
02-5009-***.**	Odor Control Chemicals	21,004	-	21,004	-
02-5010-***.**	Other Chemicals - Misc.	1,000	-	1,000	-
02-5011-***.**	Laboratory Services	19,000	228	18,772	1.2%
02-5012-***.**	Grit Hauling	55,000	2,989	52,011	5.4%
02-5013-***.**	Landscaping	77,004	4,039	72,965	5.2%
02-5015-***.**	Management Support Services	30,008	-	30,008	-
02-5017-***.**	Legal Fees	4,996	-	4,996	-
02-5019-***.**	Contract Services Misc.	70,636	-	70,636	-
02-5021-***.**	Small Vehicle Expense	11,000	50	10,950	0.5%
02-5022-***.**	Miscellaneous Expense	8,000	-	8,000	-
02-5023-***.**	Office Supplies - All	29,000	914	28,086	3.2%
02-5024-***.**	Petroleum Products	11,004	-	11,004	-
02-5025-***.**	Uniforms	33,996	1,912	32,084	5.6%
02-5026-***.**	Small Vehicle Fuel	10,004	65	9,939	0.7%
02-5027-***.**	Insurance - Property/Liability	108,384	5,257	103,127	4.9%
02-5028-***.**	Small Tools & Supplies	38,000	862	37,138	2.3%
02-5030-***.**	Trash Disposal	3,000	95	2,905	3.2%
02-5031-***.**	Safety Program & Supplies	41,000	4,152	36,848	10.1%
02-5032-***.**	Equipment Rental	3,000	-	3,000	-
02-5033-***.**	Recruitment	348	-	348	-
02-5034-***.**	Travel Expense/Tech. Conferences	9,012	-	9,012	-
02-5035-***.**	Training Expense	16,976	1,385	15,591	8.2%
02-5036-***.**	Laboratory Supplies	21,004	608	20,396	2.9%
02-5037-***.**	Office Equipment	13,000	61	12,939	0.5%
02-5038-***.**	Permits	13,496	17,773	(4,277)	131.7%
02-5039-***.**	Membership Dues/Fees	4,516	96	4,420	2.1%
02-5049-***.**	Biosolids Disposal	620,000	35,679	584,321	5.8%
02-5050-***.**	Contract Services Generators - 29A	10,004	-	10,004	-
02-5052-***.**	Janitorial Services	47,000	4,264	42,736	9.1%
02-5053-***.**	Contract Serv - Digester Cleaning - 29E	60,000	7,993	52,007	13.3%
02-5054-***.**	Diesel Truck Maint	22,000	15	21,985	0.1%
02-5055-***.**	Diesel Truck Fuel - 37B	2,996	-	2,996	-
02-5056-***.**	Maintenance Equip. & Facilities (Solids)	155,000	27,482	127,518	17.7%
02-5057-***.**	Maintenance Equip. & Facilities (Liquids)	260,000	6,839	253,161	2.6%
02-5058-***.**	Maintenance Equip. & Facilities (Common)	29,000	9,662	19,338	33.3%
02-5059-***.**	Maintenance Equip. & Facilities (Co-Gen)	277,120	21,037	256,083	7.6%
02-5061-***.**	Mileage	2,104	57	2,047	2.7%
02-5076-***.**	SCADA Infrastructure	28,960	5,000	23,960	17.3%
02-5077-***.**	IT Direct	2,620	-	2,620	-
02-5303-***.**	Group Insurance Waiver	3,596	305	3,291	8.5%
02-5309-***.**	Operating Leases	26,000	2,091	23,909	8.0%
02-5705-***.**	Monthly Car Allowance	22,804	1,929	20,875	8.5%
02-5799-***.**	Zephyr Wall Costs Share-O&M	(14,000)	(14,000)	0	100.0%
02-6500-***.**	IT Allocations in to PC's & Depts.	199,812	10,331	189,481	5.2%
	Total Other Expenses	<u>3,585,128</u>	<u>281,991</u>	<u>3,303,137</u>	<u>7.9%</u>
	Total Expenses	<u>6,099,572</u>	<u>499,782</u>	<u>5,599,790</u>	<u>8.2%</u>

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

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
05 - San Juan Creek Ocean Outfall					
Salary and Fringe					
05-5000-***.**	Regular Salaries-O&M	146,556	10,664	135,892	7.3%
05-5001-***.**	Overtime Salaries-O&M	72	-	72	-
05-5306-***.**	Scheduled Holiday Work	416	44	372	10.5%
05-5401-***.**	Fringe Benefits IN to PC's & Depts.	75,928	5,526	70,402	7.3%
	Total Payroll Costs	<u>222,972</u>	<u>16,234</u>	<u>206,738</u>	<u>7.3%</u>
Other Expenses					
05-5015-***.**	Management Support Services	212,500	459	212,041	0.2%
05-5017-***.**	Legal Fees	2,008	-	2,008	-
05-5026-***.**	Small Vehicle Fuel	500	-	500	-
05-5027-***.**	Insurance - Property/Liability	9,668	433	9,235	4.5%
05-5031-***.**	Safety Supplies	1,052	-	1,052	-
05-5033-***.**	Recruitment	556	-	556	-
05-5034-***.**	Travel Expense/Tech. Conferences	1,512	-	1,512	-
05-5035-***.**	Training Expense	1,952	-	1,952	-
05-5036-***.**	Laboratory Supplies	35,000	3,302	31,698	9.4%
05-5038-***.**	Permits	228,968	-	228,968	-
05-5039-***.**	Membership Dues/Fees	216	-	216	-
05-5044-***.**	Offshore Monitoring	75,496	-	75,496	-
05-5045-***.**	Offshore Biochemistry - 20B	11,512	-	11,512	-
05-5046-***.**	Effluent Chemistry	35,000	26	34,974	0.1%
05-5058-***.**	Maintenance Equip. & Facilities (Common)	1,004	-	1,004	-
05-6500-***.**	IT Allocations in to PC's & Depts.	18,464	954	17,510	5.2%
	Total Other Expenses	<u>635,408</u>	<u>5,174</u>	<u>630,234</u>	<u>0.8%</u>
	Total Expenses	<u>858,380</u>	<u>21,407</u>	<u>836,973</u>	<u>2.5%</u>
08 - Pre Treatment					
Salary and Fringe					
08-5000-***.**	Regular Salaries-O&M	117,772	10,427	107,345	8.9%
08-5306-***.**	Scheduled Holiday Work	-	-	-	-
08-5315-***.**	Comp Time - Environment	-	-	-	-
08-5401-***.**	Fringe Benefits IN to PC's & Depts.	61,016	5,402	55,614	8.9%
	Total Payroll Costs	<u>178,788</u>	<u>15,829</u>	<u>162,959</u>	<u>8.9%</u>
Other Expenses					
08-5011-***.**	Laboratory Services	3,200	295	2,905	9.2%
08-5016-***.**	Audit - Environmental	1,304	-	1,304	-
08-5017-***.**	Legal Fees	2,596	-	2,596	-
08-5018-***.**	Public Notices/ Public Relations	6,000	-	6,000	-
08-5021-***.**	Small Vehicle Expense - 31A	1,076	-	1,076	-
08-5022-***.**	Miscellaneous Expense	2,008	-	2,008	-
08-5026-***.**	Small Vehicle Fuel - 37A	1,148	-	1,148	-
08-5027-***.**	Insurance - Property/Liability	3,024	135	2,889	4.5%
08-5028-***.**	Small Tools & Supplies	3,000	41	2,959	1.4%
08-5034-***.**	Travel Expense/Tech. Conferences	2,732	-	2,732	-
08-5035-***.**	Training Expense	-	150	(150)	-
08-5038-***.**	Permits and Fines	3,132	-	3,132	-
08-6500-***.**	IT Allocations in to PC's & Depts.	14,832	767	14,065	5.2%
	Total Other Expenses	<u>44,052</u>	<u>1,388</u>	<u>42,664</u>	<u>3.2%</u>
	Total Expenses	<u>222,840</u>	<u>17,217</u>	<u>205,623</u>	<u>7.7%</u>
12 - Water Reclamation Permits					
Salary and Fringe					
12-5000-***.**	Regular Salaries-O&M	44,808	10,879	33,929	24.3%
12-5401-***.**	Fringe Benefits IN to PC's & Depts.	23,208	5,637	17,571	24.3%
	Total Payroll Costs	<u>68,016</u>	<u>16,516</u>	<u>51,500</u>	<u>24.3%</u>
Other Expenses					
12-5015-***.**	Management Support Services	-	-	-	-
12-5017-***.**	Legal Fees	2,000	-	2,000	-
12-5027-***.**	Insurance - Property/Liability	5,164	231	4,933	4.5%
12-5034-***.**	Travel Expense/Tech. Conferences	920	-	920	-
12-5038-***.**	Permits	12,044	-	12,044	-
12-5039-***.**	Membership Dues/Fees	68	-	68	-
12-6500-***.**	IT Allocations in to PC's & Depts.	5,640	292	5,348	5.2%
	Total Other Expenses	<u>25,836</u>	<u>523</u>	<u>25,313</u>	<u>2.0%</u>
	Total Expenses	<u>93,852</u>	<u>17,039</u>	<u>76,813</u>	<u>18.2%</u>

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

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
15 - Coastal Treatment Plant					
Salary and Fringe					
15-5000-***.**	Regular Salaries-O&M	1,083,504	62,063	1,021,441	5.7%
15-5001-***.**	Overtime Salaries-O&M	19,208	-	19,208	-
15-5306-***.**	Scheduled Holiday Work	15,584	2,533	13,051	16.3%
15-5315-***.**	Comp Time - O&M	2,000	-	2,000	-
15-5401-***.**	Fringe Benefits IN to PC's & Depts.	561,396	33,060	528,336	5.9%
15-5700-***.**	Standby Pay	16,504	130	16,374	0.8%
	Total Payroll Costs	1,698,196	97,786	1,600,410	5.8%
Other Expenses					
15-5002-***.**	Electricity	202,348	17,429	184,919	8.6%
15-5003-***.**	Natural Gas	2,872	35	2,837	1.2%
15-5004-***.**	Potable & Reclaimed Water	25,000	1,965	23,035	7.9%
15-5006-***.**	Chlorine/Sodium Hypochlorite	94,004	5,123	88,881	5.4%
15-5007-***.**	Polymer Products	1,004	-	1,004	-
15-5008-***.**	Ferric Chloride	58,000	5,548	52,452	9.6%
15-5009-***.**	Odor Control Chemicals	51,004	4,021	46,983	7.9%
15-5011-***.**	Laboratory Services	20,000	80	19,920	0.4%
15-5012-***.**	Grit Hauling	23,000	1,662	21,338	7.2%
15-5013-***.**	Landscaping	57,000	-	57,000	-
15-5015-***.**	Management Support Services	10,000	-	10,000	-
15-5017-***.**	Legal Fees	30,000	-	30,000	-
15-5019-***.**	Contract Services Misc.	91,732	-	91,732	-
15-5021-***.**	Small Vehicle Expense	4,004	813	3,191	20.3%
15-5022-***.**	Miscellaneous Expense	1,000	-	1,000	-
15-5023-***.**	Office Supplies - All	4,004	58	3,946	1.5%
15-5024-***.**	Petroleum Products	3,000	-	3,000	-
15-5025-***.**	Uniforms	9,000	705	8,295	7.8%
15-5026-***.**	Small Vehicle Fuel	2,000	-	2,000	-
15-5027-***.**	Insurance - Property/Liability	47,112	2,108	45,004	4.5%
15-5028-***.**	Small Tools & Supplies	9,000	-	9,000	-
15-5030-***.**	Trash Disposal	2,996	145	2,851	4.8%
15-5031-***.**	Safety Supplies	35,000	3,111	31,889	8.9%
15-5032-***.**	Equipment Rental	1,000	-	1,000	-
15-5033-***.**	Recruitment	312	-	312	-
15-5034-***.**	Travel Expense/Tech. Conferences	5,244	-	5,244	-
15-5035-***.**	Training Expense	11,632	1,260	10,372	10.8%
15-5036-***.**	Laboratory Supplies	14,000	223	13,777	1.6%
15-5037-***.**	Office Equipment	2,996	61	2,935	2.0%
15-5038-***.**	Permits	4,820	481	4,339	10.0%
15-5039-***.**	Membership Dues/Fees	4,960	298	4,662	6.0%
15-5047-***.**	Access Road Expenses	45,000	-	45,000	-
15-5048-***.**	Storm Damage	21,000	-	21,000	-
15-5050-***.**	Contract Services Generators - 29A	5,000	-	5,000	-
15-5052-***.**	Janitorial Services	12,004	1,033	10,971	8.6%
15-5054-***.**	Diesel Truck Maint - 31B	1,000	-	1,000	-
15-5055-***.**	Diesel Truck Fuel - 37B	504	-	504	-
15-5057-***.**	Maintenance Equip. & Facilities (Liquids)	149,996	12,740	137,256	8.5%
15-5058-***.**	Maintenance Equip. & Facilities (Common)	23,000	545	22,455	0.02
15-5060-***.**	Maintenance Equip. & Facilities (AWT)	38,000	-	38,000	-
15-5061-***.**	Mileage	500	-	500	-
15-5076-***.**	SCADA Infrastructure	28,952	5,000	23,952	17.3%
15-5077-***.**	IT Direct	264	-	264	-
15-5303-***.**	Group Insurance Waiver	3,600	305	3,295	8.5%
15-5305-***.**	Medicare Tax Payments for Employees	2,160	170	1,990	7.9%
15-5705-***.**	Monthly Car Allowance	4,196	355	3,841	8.5%
15-6500-***.**	IT Allocations in to PC's & Depts.	136,476	7,057	129,419	5.2%
	Total Other Expenses	1,299,696	72,332	1,227,364	5.6%
	Total Expenses	2,997,892	170,118	2,827,774	5.7%

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

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
17 - Joint Regional Wastewater Reclamation and Sludge Handling					
Salary and Fringe					
17-5000-**-**	Regular Salaries-O&M	1,718,916	130,087	1,588,829	7.6%
17-5001-**-**	Overtime Salaries-O&M	49,452	4,302	45,150	8.7%
17-5306-**-**	Scheduled Holiday Work	38,136	5,000	33,136	13.1%
17-5315-**-**	Comp Time - O&M	5,716	1,640	4,076	28.7%
17-5401-**-**	Fringe Benefits IN to PC's & Depts.	890,632	67,402	823,230	7.6%
17-5700-**-**	Standby Pay	26,000	3,705	22,295	14.3%
	Total Payroll Costs	<u>2,728,852</u>	<u>212,136</u>	<u>2,516,716</u>	<u>7.8%</u>
Other Expenses					
17-5002-**-**	Electricity	461,868	53,783	408,085	11.6%
17-5003-**-**	Natural Gas	90,976	14,229	76,747	15.6%
17-5004-**-**	Potable & Reclaimed Water	35,000	290	34,710	0.8%
17-5005-**-**	Co-generation Power Credit	(686,000)	(93,122)	(592,878)	13.6%
17-5006-**-**	Chlorine/Sodium Hypochlorite	400,004	48,507	351,497	12.1%
17-5007-**-**	Polymer Products	441,000	53,293	387,707	12.1%
17-5008-**-**	Ferric Chloride	330,004	28,998	301,006	8.8%
17-5009-**-**	Odor Control Chemicals	35,008	7,164	27,844	20.5%
17-5010-**-**	Other Chemicals - Misc.	1,004	-	1,004	-
17-5011-**-**	Laboratory Services	22,996	345	22,651	1.5%
17-5012-**-**	Grit Hauling - 21A	42,000	1,764	40,236	4.2%
17-5013-**-**	Landscaping	85,004	6,587	78,417	7.7%
17-5015-**-**	Management Support Services	9,996	-	9,996	-
17-5017-**-**	Legal Fees	5,004	-	5,004	-
17-5019-**-**	Contract Services Misc.	96,312	-	96,312	-
17-5021-**-**	Small Vehicle Expense	7,000	620	6,380	8.9%
17-5022-**-**	Miscellaneous Expense	5,004	-	5,004	-
17-5023-**-**	Office Supplies - All	13,004	300	12,704	2.3%
17-5024-**-**	Petroleum Products	20,004	-	20,004	-
17-5025-**-**	Uniforms	28,000	3,054	24,946	10.9%
17-5026-**-**	Small Vehicle Fuel	9,004	-	9,004	-
17-5027-**-**	Insurance - Property/Liability	135,628	6,070	129,558	4.5%
17-5028-**-**	Small Tools & Supplies	30,000	2,980	27,020	9.9%
17-5030-**-**	Trash Disposal	2,504	67	2,437	2.7%
17-5031-**-**	Safety Supplies	41,248	2,837	38,411	6.9%
17-5032-**-**	Equipment Rental	3,004	1,509	1,495	50.2%
17-5033-**-**	Recruitment	728	-	728	-
17-5034-**-**	Travel Expense/Tech. Conferences	8,996	-	8,996	-
17-5035-**-**	Training Expense	15,480	1,260	14,220	8.1%
17-5036-**-**	Laboratory Supplies	24,392	339	24,053	1.4%
17-5037-**-**	Office Equipment	9,996	577	9,419	5.8%
17-5038-**-**	Permits	10,612	488	10,124	4.6%
17-5039-**-**	Membership Dues/Fees	7,892	293	7,599	3.7%
17-5049-**-**	Biosolids Disposal	850,000	62,123	787,877	7.3%
17-5050-**-**	Contract Services Generators - 29A	13,004	-	13,004	-
17-5052-**-**	Janitorial Services	42,000	2,981	39,019	7.1%
17-5054-**-**	Diesel Truck Maint	19,000	339	18,661	1.8%
17-5055-**-**	Diesel Truck Fuel	8,000	-	8,000	-
17-5056-**-**	Maintenance Equip. & Facilities (Solids)	211,000	60,299	150,701	28.6%
17-5057-**-**	Maintenance Equip. & Facilities (Liquids)	242,000	19,136	222,864	7.9%
17-5058-**-**	Maintenance Equip. & Facilities (Common)	36,000	2,001	33,999	5.6%
17-5059-**-**	Maintenance Equip. & Facilities (Co-Gen)	461,876	11,166	450,710	2.4%
17-5060-**-**	Maintenance Equip. & Facilities (AWT) 41-E	50,000	-	50,000	-
17-5061-**-**	Mileage	1,004	92	913	9.1%
17-5068-**-**	MNWD Potable Water Supplies & Svcs.	28,000	7,304	20,696	26.1%
17-5074-**-**	Education Reimbursement	1,996	-	1,996	-
17-5076-**-**	SCADA Infrastructure	28,684	5,000	23,684	17.4%
17-5077-**-**	IT Direct	2,624	-	2,624	-
17-5105-**-**	Co-Generation Power Credit - Offset	685,992	93,122	592,870	13.6%
17-5303-**-**	Group Insurance Waiver	7,196	609	6,587	8.5%
17-5309-**-**	Operating Leases	-	805	(805)	-
17-5705-**-**	Monthly Car Allowance	8,396	1,195	7,201	14.2%
17-6500-**-**	IT Allocations in to PC's & Depts.	216,520	11,195	205,325	5.2%
	Total Other Expenses	<u>4,655,964</u>	<u>419,600</u>	<u>4,236,364</u>	<u>9.0%</u>
	Total Expenses	<u>7,384,816</u>	<u>631,736</u>	<u>6,753,080</u>	<u>8.6%</u>

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

	FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended	
21 - Effluent Transmission Main					
Salary and Fringe					
21-5000-***.**	Regular Salaries-O&M	1,088	-	1,088	-
21-5401-***.**	Fringe Benefits IN to PC's & Depts.	564	-	564	-
	Total Payroll Costs	1,652	-	1,652	-
Other Expenses					
21-5019-***.**	Contract Services Misc.	18,336	-	18,336	-
21-5027-***.**	Insurance - Property/Liability	-	-	-	-
	Total Other Expenses	18,336	-	18,336	-
	Total Expenses	19,988	-	19,988	-
24 - Aliso Creek Ocean Outfall					
Salary and Fringe					
24-5000-***.**	Regular Salaries-O&M	149,296	9,481	139,815	6.4%
24-5001-***.**	Overtime Salaries-O&M	620	-	620	-
24-5306-***.**	Scheduled Holiday Work	264	44	220	16.6%
24-5401-***.**	Fringe Benefits IN to PC's & Depts.	77,364	4,951	72,413	6.4%
	Total Payroll Costs	227,544	14,476	213,068	6.4%
Other Expenses					
24-5015-***.**	Management Support Services	212,496	888	211,608	0.4%
24-5017-***.**	Legal Fees	2,008	-	2,008	-
24-5027-***.**	Insurance - Property/Liability	8,704	390	8,314	4.5%
24-5031-***.**	Safety Supplies	1,044	-	1,044	-
24-5033-***.**	Recruitment	556	-	556	-
24-5034-***.**	Travel Expense/Tech. Conferences	1,512	-	1,512	-
24-5035-***.**	Training Expense	1,956	-	1,956	-
24-5036-***.**	Laboratory Supplies	30,004	3,302	26,702	11.0%
24-5038-***.**	Permits	216,924	-	216,924	-
24-5039-***.**	Membership Dues/Fees	220	-	220	-
24-5044-***.**	Offshore Monitoring	75,504	3,339	72,166	4.4%
24-5045-***.**	Offshore Biochemistry - 20B	11,512	-	11,512	-
24-5046-***.**	Effluent Chemistry	35,000	26	34,974	0.1%
24-5058-***.**	Maintenance Equip. & Facilities (Common) 41-C	1,004	-	1,004	-
24-6500-***.**	IT Allocations in to PC's & Depts.	18,796	972	17,824	5.2%
	Total Other Expenses	617,240	8,916	608,324	1.4%
	Total Expenses	844,784	23,392	821,392	2.8%
	Total O&M Expenses	18,522,124	1,380,691	17,141,433	7.5%

Exhibit E-2

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

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

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-5000-03-00-00	Regular Salaries-O&M	175,927	11,706	164,221	6.7%
01-5401-03-00-00	Fringe Benefits IN to PC's & Depts.	91,154	6,065	85,089	6.7%
	Total Payroll Costs	267,081	17,772	249,310	6.7%
Other Expenses					
01-5022-03-00-00	Miscellaneous Expense	3,184	-	3,184	-
01-5023-03-00-00	Office Supplies - All	208	-	208	-
01-5031-03-00-00	Safety Supplies	306	-	306	-
01-5034-03-00-00	Travel Expense/Tech. Conferences	6,439	-	6,439	-
01-5035-03-00-00	Training Expense	2,244	-	2,244	-
01-5037-03-00-00	Office Equipment	408	-	408	-
01-5039-03-00-00	Membership Dues/Fees	1,377	-	1,377	-
01-5061-03-00-00	Mileage	510	-	510	-
01-5309-03-00-00	Operating Leases	9,300	-	9,300	-
01-5705-03-00-00	Monthly Car Allowance	4,200	355	3,845	8.5%
01-5802-03-00-00	Shipping/Freight	312	-	312	-
01-6500-03-00-00	IT Allocations in to PC's & Depts.	54,293	2,834	51,459	5.2%
	Total Other Expenses	82,781	3,190	79,591	3.9%
	Total Engineering Expenses	349,863	20,962	328,901	6.0%

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

For the Period Ended July 31, 2021

(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-6000-04-00-00	Regular Salaries-Admin or IT	998,424	57,399	941,025	5.7%
01-6001-04-00-00	Overtime Salaries-Admin or IT	10,000	-	10,000	-
01-6315-04-00-00	Comp Time - Admin	5,000	129	4,871	2.6%
01-6401-04-00-00	Fringe Benefits IN to ADMIN or IT	517,316	29,740	487,576	5.7%
	Total Payroll Costs	1,530,740	87,268	1,443,472	5.7%
Other Expenses					
01-6018-04-00-00	Public Notices/Public Relations	3,270	-	3,270	-
01-6101-04-00-00	HR Recruitment & Employee Relations	24,350	1,379	22,971	5.7%
01-6102-04-00-00	Subscriptions	2,081	1,261	820	60.6%
01-6103-04-00-00	Contract Labor	50,000	315	49,685	0.6%
01-6200-04-00-00	Management Support Services	90,000	-	90,000	-
01-6201-04-00-00	Audit	46,000	12,500	33,500	27.2%
01-6202-04-00-00	Legal	220,000	9,110	210,890	4.1%
01-6204-04-00-00	Postage	1,500	18	1,482	1.2%
01-6223-04-00-00	Office Supplies - Admin	4,500	787	3,713	17.5%
01-6224-04-00-00	Office Equipment Admin or IT	1,200	221	979	18.4%
01-6234-04-00-00	Memberships & Trainings	88,000	3,488	84,512	4.0%
01-6239-04-00-00	Travel & Conference	11,000	-	11,000	-
01-6241-04-00-00	Education Reimbursement	1,500	-	1,500	-
01-6310-04-00-00	Miscellaneous	18,000	1,296	16,704	7.2%
01-6311-04-00-00	Mileage	1,236	-	1,236	-
01-6317-04-00-00	Contract Services Misc	5,722	-	5,722	-
01-6500-04-00-00	IT Allocations in to PC's & Depts.	125,761	6,502	119,258	5.2%
01-6601-04-00-00	Shipping/Freight	3,815	1,237	2,578	32.4%
01-6705-04-00-00	Monthly Car Allowance	12,000	1,015	10,985	8.5%
	Total Other Expenses	709,934	39,130	670,804	5.5%
	Total Admin Expenses	2,240,674	126,398	2,114,276	5.6%

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

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary & Fringe					
01-6000-05-00-00	Regular Salaries-Admin or IT	100,076	5,689	94,387	5.7%
01-6401-05-00-00	Fringe Benefits IN to ADMIN or IT	51,852	2,948	48,904	5.7%
	Total Salary & Fringe	151,928	8,637	143,291	5.7%
Other Expenses					
01-6028-05-00-00	Small Tools & Supplies	1,000	200	800	20.0%
01-6035-05-00-00	Training Expense	3,000	-	3,000	-
01-6224-05-00-00	Office Equipment Admin or IT	600	-	600	-
01-6234-05-00-00	Memberships & Trainings	2,750	-	2,750	-
01-6239-05-00-00	Travel & Conference	1,500	-	1,500	-
01-6300-05-00-00	Software Maintenance Agreements	41,026	860	40,166	2.1%
01-6301-05-00-00	Hardware Maintenance Agreements	14,726	-	14,726	-
01-6302-05-00-00	Cloud Subscriptions (Internet)	177,328	8,190	169,138	4.6%
01-6303-05-00-00	Telecommunications	165,582	8,560	157,022	5.2%
01-6305-05-00-00	IT Professional Services	92,400	2,331	90,069	2.5%
01-6306-05-00-00	Small Hardware Purchases (< \$5k)	40,985	498	40,487	1.2%
01-6307-05-00-00	Small Software Purchases & Licenses (<\$5k)	28,968	3,928	25,040	13.6%
01-6308-05-00-00	IT Memberships	160	-	160	-
01-6309-05-00-00	Operating Leases	64,173	7,702	56,471	12.0%
01-6310-05-00-00	Miscellaneous	5,000	-	5,000	-
	Total Other Expenses	639,198	32,268	606,930	5.0%
	Total Expenses before Allocation	791,126	40,905	750,221	5.2%
IT Allocations (Out) to PC's & Depts					
01-6400-05-00-00	IT Allocations (OUT) to PC's & Depts.	(791,126)	(40,905)	(750,221)	5.2%
	Total IT Allocations (Out) to PC's & Depts	(791,126)	(40,905)	(750,221)	5.2%

Agenda Item

Board of Directors Meeting

Meeting Date: February 3, 2022

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

Summary/Discussion

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

The reports included are as follows:

1. Summary of Disbursements for August 2021 (Exhibit A)
 - ***The August Disbursements did include payment amounts to West Yost.***
2. Schedule of Funds Available for Reinvestment (Exhibit B)
 - Local Agency Investment Fund (LAIF)
3. Schedule of Cash and Investments (Exhibit C)
4. Capital Schedule (Exhibit D)
 - Capital Projects – Graph (Exhibit D-1)
5. Budget vs. Actual Expenses:
 - Operations and Environmental Summary (Exhibit E-1)
 - Operations and Environmental by PC (E-1.2)
 - Residual Engineering, after transfer to Capital (Exhibit E-2)
 - Administration (Exhibit E-3)
 - Information Technology (IT) (Exhibit E-4)

Fiscal impact

August 2021 cash disbursements were: \$ 3,118,837.

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

Recommended Action: The Finance Committee recommends to the Board of Directors to ratify the August 2021 disbursements for the period from August 1, 2021, through August 31, 2021, totaling \$3,118,837, and to receive and file the August 2021 Financial Reports as submitted.

Exhibit A

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

	<u>Actual</u>
General Fund	\$ (277,017)
PC 2 - Jay B. Latham Plant	(1,211,159)
PC 5 - San Juan Creek Ocean Outfall	(15,565)
PC 8 - Pretreatment Program	(16,340)
PC 12 SO - Water Reclamation Permits	(60,535)
PC 15 - Coastal Treatment Plant/AWT	(785,794)
PC 17 - Joint Regional Wastewater Reclamation	(722,984)
PC 21 - Effluent Transmission Main	(10,821)
PC 23 - North Coast Interceptor	-
PC 24 - Aliso Creek Ocean Outfall	(18,623)
Total	<u><u>\$ (3,118,837)</u></u>

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

CASH IN BANK: (BEGINNING BAL.)	\$ 1,860,499
L.A.I.F. FUNDS: (BEGINNING BAL.)	8,599,365
DEPOSITS, TRANSFERS & ADJUSTMENTS:	8,401,985
FUND REQUIREMENTS:	
BILLS FOR CONSIDERATION ¹	<u>(3,118,837)</u>
TOTAL CASH IN BANK	<u>\$ 15,743,012</u>

¹ GL postings.

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

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

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

Betty Burnett
General Manager

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



PMIA/LAIF Performance Report as of 10/06/21



PMIA Average Monthly Effective Yields⁽¹⁾

Sep	0.206
Aug	0.221
Jul	0.221

Quarterly Performance Quarter Ended 06/30/21

LAIF Apportionment Rate ⁽²⁾ :	0.33
LAIF Earnings Ratio ⁽²⁾ :	0.0000897371743018
LAIF Fair Value Factor ⁽¹⁾ :	1.00008297
PMIA Daily ⁽¹⁾ :	0.22%
PMIA Quarter to Date ⁽¹⁾ :	0.30%
PMIA Average Life ⁽¹⁾ :	291

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾ 08/31/21 \$176.7 billion

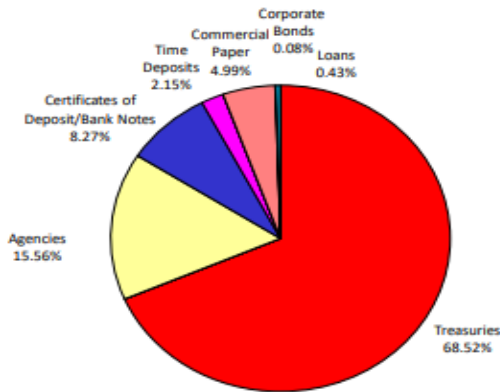


Chart does not include \$8,585,000.00 in mortgages, which equates to 0.004859%. Percentages may not total 100% due to rounding.

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

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

Source:

⁽¹⁾ State of California, Office of the Treasurer

⁽²⁾ State of California, Office of the Controller

Exhibit C

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

MVA	\$ 2,765	(A)
A/P Checking	1,312,028	(B)
Payroll Checking	370,855	(C)
State LAIF	14,057,365	(D)
Total Cash in Bank	\$ 15,743,012	
Petty Cash	1,600	(E)
Total Operating Cash	\$ 15,744,612	
OPEB Trust	6,774,894	(F)
Total Cash and Investments	\$ 22,519,507	

Notes:

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

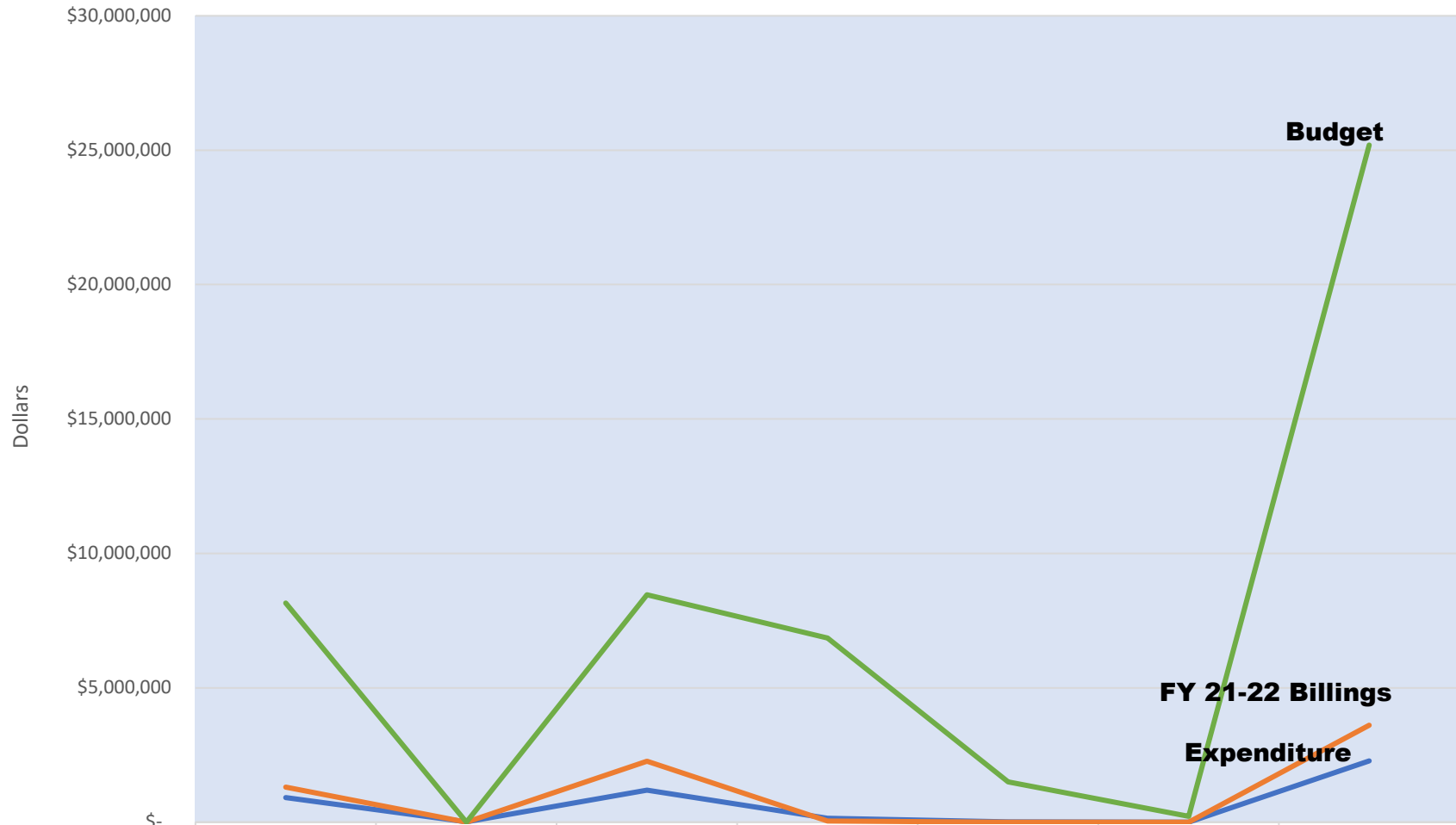
**South Orange County Wastewater Authority
Capital Projects Summaries
For the Period Ended August 31, 2021
(in dollars)**

FY 2021-22 Budget vs. Actual Spending								
<u>Description</u>	Capital Budget	Fiscal Year Spending	(Over)/ Under Budget	% Expended	Member Agency Billed	Member Agency Collections	Open Receivables	% Expended vs. Billed
PC 2-JB Latham	\$ 8,153,937	\$ 917,024	\$ 7,236,913	11.2%	\$ 1,303,750	\$ 1,303,750	\$ -	70.3%
PC 5-San Juan Creek Outfall ¹	-	12,688	(12,688)		-	-	-	-
PC 15-Coastal	8,464,653	1,193,833	7,270,820	14.1%	2,264,999	2,264,999	-	52.7%
PC 17-Regional	6,851,959	140,426	6,711,533	2.0%	38,249	38,249	-	367.1%
PC 21 Effluent Transmission	1,502,000	15,462	1,486,538	1.0%	-	-	-	-
PC 24 Aliso Creek Outfall	220,000	-	220,000	0.0%	-	-	-	-
Total Large Capital	\$ 25,192,549	\$ 2,279,434	\$ 22,913,115	9.0%	\$ 3,606,998	\$ 3,606,998	\$ -	63.2%
Non-Capital Engineering	405,871	8,307	397,565	2.0%	25,000	25,000	-	33.2%
Non-Capital Misc Engineering	254,500	11,530	242,970	4.5%	6,000	6,000	-	192.2%
Small Internal Capital	2,061,000	207,222	1,853,778	10.1%	515,250	515,250	-	40.2%
Total Capital	\$ 27,913,920	\$ 2,506,493	\$ 25,407,427	9.0%	\$ 4,153,248	\$ 4,153,248	\$ -	60.4%

¹ PC 24 is paid out of Cash on Hand collected in an earlier year.

Large Capital Projects Fiscal Year '21-22 Budget vs. Year-to-Date Expenditures & Billings as of 8/31/2021

Exhibit D-1



	PC 2-JB Latham	PC 5-San Juan Creek Outfall	PC 15-Coastal	PC 17-Regional	PC 21 Effluent Transmission	PC 24 Aliso Creek Outfall	Total Large Capital
Spent - YTD 8/31/21	\$917,024	12,688.00	\$1,193,833	\$140,426	\$15,461.76	-	\$2,279,434
FY 21-22 Billings	\$1,303,750	-	\$2,264,999	\$38,249	-	-	\$3,606,998
Capital Budget 21-22	\$8,153,937	-	\$8,464,653	\$6,851,959	\$1,502,000	\$220,000	\$25,192,549

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

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

	FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended	
Salary and Fringe					
5000--**_**_**	Regular Salaries-O&M	4,847,168	750,093	4,097,075	15.5%
5001--**_**_**	Overtime Salaries-O&M	107,256	14,887	92,369	13.9%
5306--**_**_**	Scheduled Holiday Work	91,000	13,209	77,791	14.5%
5315--**_**_**	Comp Time - O&M	15,980	5,037	10,943	31.5%
5401--**_**_**	Fringe Benefits IN to PC's & Depts.	2,511,460	388,648	2,122,812	15.5%
5700--**_**_**	Standby Pay	67,600	11,440	56,160	16.9%
	Total Payroll Costs	7,640,464	1,183,315	6,457,149	15.5%
Other Expenses					
5002--**_**_**	Electricity	1,170,780	202,515	968,265	17.3%
5003--**_**_**	Natural Gas	226,008	53,643	172,365	23.7%
5004--**_**_**	Potable & Reclaimed Water	85,000	6,726	78,274	7.9%
5005--**_**_**	Co-generation Power Credit	(686,000)	(191,395)	(494,605)	27.9%
5006--**_**_**	Chlorine/Sodium Hypochlorite	502,008	106,185	395,823	21.2%
5007--**_**_**	Polymer Products	747,004	135,472	611,532	18.1%
5008--**_**_**	Ferric Chloride	588,004	105,902	482,102	18.0%
5009--**_**_**	Odor Control Chemicals	107,016	22,504	84,512	21.0%
5010--**_**_**	Other Chemicals - Misc.	2,004	-	2,004	-
5011--**_**_**	Laboratory Services	65,196	1,781	63,415	2.7%
5012--**_**_**	Grit Hauling	120,000	17,211	102,789	14.3%
5013--**_**_**	Landscaping	219,008	26,323	192,685	12.0%
5015--**_**_**	Management Support Services	475,000	8,636	466,364	1.8%
5016--**_**_**	Audit - Environmental	1,304	-	1,304	-
5017--**_**_**	Legal Fees	48,612	5,513	43,099	11.3%
5018--**_**_**	Public Notices/ Public Relations	6,000	-	6,000	-
5019--**_**_**	Contract Services Misc.	277,016	-	277,016	-
5021--**_**_**	Small Vehicle Expense	23,080	3,649	19,431	15.8%
5022--**_**_**	Miscellaneous Expense	16,012	159	15,853	1.0%
5023--**_**_**	Office Supplies - All	46,008	3,869	42,139	8.4%
5024--**_**_**	Petroleum Products	34,008	454	33,554	1.3%
5025--**_**_**	Uniforms	70,996	10,948	60,048	15.4%
5026--**_**_**	Small Vehicle Fuel	22,656	1,507	21,149	6.7%
5027--**_**_**	Insurance - Property/Liability	317,684	26,047	291,637	8.2%
5028--**_**_**	Small Tools & Supplies	80,000	13,157	66,843	16.4%
5030--**_**_**	Trash Disposal	8,500	899	7,601	10.6%
5031--**_**_**	Safety Program & Supplies	119,344	16,946	102,398	14.2%
5032--**_**_**	Equipment Rental	7,004	1,509	5,495	21.6%
5033--**_**_**	Recruitment	2,500	164	2,336	6.6%
5034--**_**_**	Travel Expense/Tech. Conferences	29,928	10	29,918	0.0%
5035--**_**_**	Training Expense	47,996	7,860	40,136	16.4%
5036--**_**_**	Laboratory Supplies	124,400	19,040	105,360	15.3%
5037--**_**_**	Office Equipment	25,992	4,358	21,634	16.8%
5038--**_**_**	Permits	489,996	18,855	471,141	3.8%
5039--**_**_**	Membership Dues/Fees	17,872	1,621	16,251	9.1%
5044--**_**_**	Offshore Monitoring	151,000	5,274	145,726	3.5%
5045--**_**_**	Offshore Biochemistry - 20B	23,024	-	23,024	-
5046--**_**_**	Effluent Chemistry	70,000	2,859	67,141	4.1%
5047--**_**_**	Access Road Expenses	45,000	-	45,000	-
5048--**_**_**	Storm Damage	21,000	-	21,000	-
5049--**_**_**	Biosolids Disposal	1,470,000	241,074	1,228,926	16.4%
5050--**_**_**	Contract Services Generators - 29A	28,008	4,145	23,863	14.8%
5052--**_**_**	Janitorial Services	101,004	15,003	86,001	14.9%
5053--**_**_**	Contract Serv - Digester Cleaning - 29E	60,000	30,676	29,324	51.1%
5054--**_**_**	Diesel Truck Maint	42,000	1,284	40,716	3.1%

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

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

	FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended	
-5055--**_**	Diesel Truck Fuel	11,500	416	11,084	3.6%
-5056--**_**	Maintenance Equip. & Facilities (Solids)	366,000	118,905	247,095	32.5%
-5057--**_**	Maintenance Equip. & Facilities (Liquids)	651,996	63,547	588,449	9.7%
-5058--**_**	Maintenance Equip. & Facilities (Common)	90,008	29,502	60,506	32.8%
-5059--**_**	Maintenance Equip. & Facilities (Co-Gen)	738,996	83,583	655,413	11.3%
-5060--**_**	Maintenance Equip. & Facilities (AWT)	88,000	3,689	84,311	4.2%
-5061--**_**	Mileage	3,608	192	3,416	5.3%
-5068--**_**	MNWD Potable Water Supplies & Svcs.	28,000	10,722	17,278	38.3%
-5074--**_**	Education Reimbursement	1,996	101	1,895	5.1%
-5076--**_**	SCADA Infrastructure	86,596	30,000	56,596	34.6%
-5077--**_**	IT Direct	5,508	-	5,508	-
-5105--**_**	Co-Generation Power Credit - Offset	685,992	191,395	494,597	27.9%
-5303--**_**	Group Insurance Waiver	14,392	2,437	11,955	16.9%
-5305--**_**	Medicare Tax Payments for Employees	2,160	317	1,843	14.7%
-5309--**_**	Operating Leases	26,000	5,263	20,737	20.2%
-5705--**_**	Monthly Car Allowance	35,396	6,799	28,597	19.2%
-5799--**_**	Zephyr Wall Costs Share-O&M	(14,000)	(14,000)	0	100.0%
-6500--**_**	IT Allocations in to PC's & Depts.	610,540	62,933	547,607	10.3%
	Total Other Expenses	10,881,660	1,528,185	9,353,475	14.0%
	Total O&M Expenses	18,522,124	2,711,500	15,810,624	14.6%

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

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
02 - Jay B. Latham Plant					
Salary and Fringe					
02-5000-***.**	Regular Salaries-O&M	1,585,228	267,666	1,317,562	16.9%
02-5001-***.**	Overtime Salaries-O&M	37,904	8,696	29,208	22.9%
02-5306-***.**	Scheduled Holiday Work	36,600	4,903	31,697	13.4%
02-5315-***.**	Comp Time - O&M	8,264	2,527	5,737	30.6%
02-5401-***.**	Fringe Benefits IN to PC's & Depts.	821,352	138,687	682,665	16.9%
02-5700-***.**	Standby Pay	25,096	4,680	20,416	18.6%
	Total Payroll Costs	2,514,444	427,159	2,087,285	17.0%
Other Expenses					
02-5002-***.**	Electricity	506,564	72,764	433,800	14.4%
02-5003-***.**	Natural Gas	132,160	23,962	108,198	18.1%
02-5004-***.**	Potable & Reclaimed Water	25,000	2,476	22,525	9.9%
02-5006-***.**	Chlorine/Sodium Hypochlorite	8,000	1,255	6,745	15.7%
02-5007-***.**	Polymer Products	305,000	64,540	240,460	21.2%
02-5008-***.**	Ferric Chloride	200,000	38,415	161,585	19.2%
02-5009-***.**	Odor Control Chemicals	21,004	5,096	15,908	24.3%
02-5010-***.**	Other Chemicals - Misc.	1,000	-	1,000	-
02-5011-***.**	Laboratory Services	19,000	264	18,736	1.4%
02-5012-***.**	Grit Hauling	55,000	8,342	46,658	15.2%
02-5013-***.**	Landscaping	77,004	8,078	68,926	10.5%
02-5015-***.**	Management Support Services	30,008	3,550	26,458	11.8%
02-5017-***.**	Legal Fees	4,996	928	4,068	18.6%
02-5019-***.**	Contract Services Misc.	70,636	-	70,636	-
02-5021-***.**	Small Vehicle Expense	11,000	1,091	9,909	9.9%
02-5022-***.**	Miscellaneous Expense	8,000	83	7,917	1.0%
02-5023-***.**	Office Supplies - All	29,000	1,546	27,454	5.3%
02-5024-***.**	Petroleum Products	11,004	-	11,004	-
02-5025-***.**	Uniforms	33,996	4,857	29,139	14.3%
02-5026-***.**	Small Vehicle Fuel	10,004	856	9,148	8.6%
02-5027-***.**	Insurance - Property/Liability	108,384	9,422	98,962	8.7%
02-5028-***.**	Small Tools & Supplies	38,000	1,021	36,979	2.7%
02-5030-***.**	Trash Disposal	3,000	282	2,718	9.4%
02-5031-***.**	Safety Program & Supplies	41,000	7,996	33,004	19.5%
02-5032-***.**	Equipment Rental	3,000	-	3,000	-
02-5033-***.**	Recruitment	348	164	184	47.1%
02-5034-***.**	Travel Expense/Tech. Conferences	9,012	-	9,012	-
02-5035-***.**	Training Expense	16,976	2,559	14,417	15.1%
02-5036-***.**	Laboratory Supplies	21,004	1,344	19,660	6.4%
02-5037-***.**	Office Equipment	13,000	2,573	10,427	19.8%
02-5038-***.**	Permits	13,496	17,818	(4,322)	132.0%
02-5039-***.**	Membership Dues/Fees	4,516	344	4,172	7.6%
02-5049-***.**	Biosolids Disposal	620,000	99,001	520,999	16.0%
02-5050-***.**	Contract Services Generators - 29A	10,004	-	10,004	-
02-5052-***.**	Janitorial Services	47,000	7,531	39,469	16.0%
02-5053-***.**	Contract Serv - Digester Cleaning - 29E	60,000	30,676	29,324	51.1%
02-5054-***.**	Diesel Truck Maint	22,000	18	21,982	0.1%
02-5055-***.**	Diesel Truck Fuel - 37B	2,996	-	2,996	-
02-5056-***.**	Maintenance Equip. & Facilities (Solids)	155,000	36,129	118,871	23.3%
02-5057-***.**	Maintenance Equip. & Facilities (Liquids)	260,000	17,562	242,438	6.8%
02-5058-***.**	Maintenance Equip. & Facilities (Common)	29,000	22,324	6,676	77.0%
02-5059-***.**	Maintenance Equip. & Facilities (Co-Gen)	277,120	44,020	233,100	15.9%
02-5061-***.**	Mileage	2,104	57	2,047	2.7%
02-5076-***.**	SCADA Infrastructure	28,960	10,000	18,960	34.5%
02-5077-***.**	IT Direct	2,620	-	2,620	-
02-5303-***.**	Group Insurance Waiver	3,596	609	2,987	16.9%
02-5309-***.**	Operating Leases	26,000	3,348	22,652	12.9%
02-5705-***.**	Monthly Car Allowance	22,804	3,859	18,946	16.9%
02-5799-***.**	Zephyr Wall Costs Share-O&M	(14,000)	(14,000)	-	100.0%
02-6500-***.**	IT Allocations in to PC's & Depts.	199,812	20,596	179,216	10.3%
	Total Other Expenses	3,585,128	563,357	3,021,771	15.7%
	Total Expenses	6,099,572	990,517	5,109,055	16.2%

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

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
05 - San Juan Creek Ocean Outfall					
Salary and Fringe					
05-5000-***.**	Regular Salaries-O&M	146,556	16,175	130,381	11.0%
05-5001-***.**	Overtime Salaries-O&M	72	-	72	-
05-5306-***.**	Scheduled Holiday Work	416	44	372	10.5%
05-5401-***.**	Fringe Benefits IN to PC's & Depts.	75,928	8,381	67,547	11.0%
	Total Payroll Costs	222,972	24,599	198,373	11.0%
Other Expenses					
05-5015-***.**	Management Support Services	212,500	4,138	208,362	1.9%
05-5017-***.**	Legal Fees	2,008	-	2,008	-
05-5026-***.**	Small Vehicle Fuel	500	-	500	-
05-5027-***.**	Insurance - Property/Liability	9,668	768	8,900	7.9%
05-5031-***.**	Safety Supplies	1,052	-	1,052	-
05-5033-***.**	Recruitment	556	-	556	-
05-5034-***.**	Travel Expense/Tech. Conferences	1,512	10	1,502	0.6%
05-5035-***.**	Training Expense	1,952	-	1,952	-
05-5036-***.**	Laboratory Supplies	35,000	6,150	28,850	17.6%
05-5038-***.**	Permits	228,968	-	228,968	-
05-5039-***.**	Membership Dues/Fees	216	-	216	-
05-5044-***.**	Offshore Monitoring	75,496	617	74,879	0.8%
05-5045-***.**	Offshore Biochemistry - 20B	11,512	-	11,512	-
05-5046-***.**	Effluent Chemistry	35,000	1,047	33,953	3.0%
05-5058-***.**	Maintenance Equip. & Facilities (Common)	1,004	189	815	18.8%
05-6500-***.**	IT Allocations in to PC's & Depts.	18,464	1,903	16,561	10.3%
	Total Other Expenses	635,408	14,822	620,586	2.3%
	Total Expenses	858,380	39,421	818,959	4.6%
08 - Pre Treatment					
Salary and Fringe					
08-5000-***.**	Regular Salaries-O&M	117,772	20,122	97,650	17.1%
08-5401-***.**	Fringe Benefits IN to PC's & Depts.	61,016	10,426	50,590	17.1%
	Total Payroll Costs	178,788	30,548	148,240	17.1%
Other Expenses					
08-5011-***.**	Laboratory Services	3,200	295	2,905	9.2%
08-5016-***.**	Audit - Environmental	1,304	-	1,304	-
08-5017-***.**	Legal Fees	2,596	-	2,596	-
08-5018-***.**	Public Notices/ Public Relations	6,000	-	6,000	-
08-5021-***.**	Small Vehicle Expense - 31A	1,076	-	1,076	-
08-5022-***.**	Miscellaneous Expense	2,008	-	2,008	-
08-5026-***.**	Small Vehicle Fuel - 37A	1,148	-	1,148	-
08-5027-***.**	Insurance - Property/Liability	3,024	240	2,784	7.9%
08-5028-***.**	Small Tools & Supplies	3,000	706	2,294	23.5%
08-5034-***.**	Travel Expense/Tech. Conferences	2,732	-	2,732	-
08-5035-***.**	Training Expense	-	150	(150)	-
08-5038-***.**	Permits and Fines	3,132	-	3,132	-
08-6500-***.**	IT Allocations in to PC's & Depts.	14,832	1,529	13,303	10.3%
	Total Other Expenses	44,052	2,920	41,132	6.6%
	Total Expenses	222,840	33,468	189,372	15.0%
12 - Water Reclamation Permits					
Salary and Fringe					
12-5000-***.**	Regular Salaries-O&M	44,808	18,620	26,188	41.6%
12-5401-***.**	Fringe Benefits IN to PC's & Depts.	23,208	9,648	13,560	41.6%
	Total Payroll Costs	68,016	28,268	39,748	41.6%
Other Expenses					
12-5015-***.**	Management Support Services	-	-	-	-
12-5017-***.**	Legal Fees	2,000	-	2,000	-
12-5027-***.**	Insurance - Property/Liability	5,164	410	4,754	7.9%
12-5034-***.**	Travel Expense/Tech. Conferences	920	-	920	-
12-5038-***.**	Permits	12,044	-	12,044	-
12-5039-***.**	Membership Dues/Fees	68	-	68	-
12-6500-***.**	IT Allocations in to PC's & Depts.	5,640	582	5,058	10.3%
	Total Other Expenses	25,836	992	24,844	3.8%
	Total Expenses	93,852	29,260	64,592	31.2%

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

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
15 - Coastal Treatment Plant					
Salary and Fringe					
15-5000-***.**	Regular Salaries-O&M	1,083,504	140,218	943,286	12.9%
15-5001-***.**	Overtime Salaries-O&M	19,208	-	19,208	-
15-5306-***.**	Scheduled Holiday Work	15,584	2,689	12,895	17.3%
15-5315-***.**	Comp Time - O&M	2,000	283	1,717	14.1%
15-5401-***.**	Fringe Benefits IN to PC's & Depts.	561,396	73,136	488,260	13.0%
15-5700-***.**	Standby Pay	16,504	650	15,854	3.9%
	Total Payroll Costs	1,698,196	216,975	1,481,221	12.8%
Other Expenses					
15-5002-***.**	Electricity	202,348	45,776	156,572	22.6%
15-5003-***.**	Natural Gas	2,872	71	2,801	2.5%
15-5004-***.**	Potable & Reclaimed Water	25,000	1,965	23,035	7.9%
15-5006-***.**	Chlorine/Sodium Hypochlorite	94,004	15,570	78,434	16.6%
15-5007-***.**	Polymer Products	1,004	-	1,004	-
15-5008-***.**	Ferric Chloride	58,000	15,294	42,706	26.4%
15-5009-***.**	Odor Control Chemicals	51,004	9,700	41,304	19.0%
15-5011-***.**	Laboratory Services	20,000	479	19,521	2.4%
15-5012-***.**	Grit Hauling	23,000	2,923	20,078	12.7%
15-5013-***.**	Landscaping	57,000	5,070	51,930	8.9%
15-5015-***.**	Management Support Services	10,000	-	10,000	-
15-5017-***.**	Legal Fees	30,000	666	29,334	2.2%
15-5019-***.**	Contract Services Misc.	91,732	-	91,732	-
15-5021-***.**	Small Vehicle Expense	4,004	1,378	2,626	34.4%
15-5022-***.**	Miscellaneous Expense	1,000	-	1,000	-
15-5023-***.**	Office Supplies - All	4,004	1,257	2,747	31.4%
15-5024-***.**	Petroleum Products	3,000	-	3,000	-
15-5025-***.**	Uniforms	9,000	1,287	7,713	14.3%
15-5026-***.**	Small Vehicle Fuel	2,000	98	1,902	4.9%
15-5027-***.**	Insurance - Property/Liability	47,112	3,742	43,370	7.9%
15-5028-***.**	Small Tools & Supplies	9,000	-	9,000	-
15-5030-***.**	Trash Disposal	2,996	290	2,706	9.7%
15-5031-***.**	Safety Supplies	35,000	4,238	30,762	12.1%
15-5032-***.**	Equipment Rental	1,000	-	1,000	-
15-5033-***.**	Recruitment	312	-	312	-
15-5034-***.**	Travel Expense/Tech. Conferences	5,244	-	5,244	-
15-5035-***.**	Training Expense	11,632	2,434	9,198	20.9%
15-5036-***.**	Laboratory Supplies	14,000	2,984	11,016	21.3%
15-5037-***.**	Office Equipment	2,996	394	2,602	13.1%
15-5038-***.**	Permits	4,820	511	4,309	10.6%
15-5039-***.**	Membership Dues/Fees	4,960	396	4,564	8.0%
15-5047-***.**	Access Road Expenses	45,000	-	45,000	-
15-5048-***.**	Storm Damage	21,000	-	21,000	-
15-5049-***.**	Biosolids Disposal	-	10,308	(10,308)	-
15-5050-***.**	Contract Services Generators - 29A	5,000	-	5,000	-
15-5052-***.**	Janitorial Services	12,004	1,966	10,038	16.4%
15-5054-***.**	Diesel Truck Maint - 31B	1,000	-	1,000	-
15-5055-***.**	Diesel Truck Fuel - 37B	504	-	504	-
15-5057-***.**	Maintenance Equip. & Facilities (Liquids)	149,996	21,827	128,169	14.6%
15-5058-***.**	Maintenance Equip. & Facilities (Common)	23,000	575	22,425	2.5%
15-5060-***.**	Maintenance Equip. & Facilities (AWT)	38,000	3,266	34,734	8.6%
15-5061-***.**	Mileage	500	43	457	8.6%
15-5076-***.**	SCADA Infrastructure	28,952	10,000	18,952	34.5%
15-5077-***.**	IT Direct	264	-	264	-
15-5303-***.**	Group Insurance Waiver	3,600	609	2,991	16.9%
15-5305-***.**	Medicare Tax Payments for Employees	2,160	317	1,843	14.7%
15-5705-***.**	Monthly Car Allowance	4,196	711	3,485	16.9%
15-6500-***.**	IT Allocations in to PC's & Depts.	136,476	14,068	122,408	10.3%
	Total Other Expenses	1,299,696	180,211	1,119,485	13.9%
	Total Expenses	2,997,892	397,186	2,600,706	13.2%

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

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
17 - Joint Regional Wastewater Reclamation and Sludge Handling					
Salary and Fringe					
17-5000-**-**	Regular Salaries-O&M	1,718,916	270,960	1,447,956	15.8%
17-5001-**-**	Overtime Salaries-O&M	49,452	7,127	42,325	14.4%
17-5306-**-**	Scheduled Holiday Work	38,136	5,529	32,607	14.5%
17-5315-**-**	Comp Time - O&M	5,716	2,228	3,488	39.0%
17-5401-**-**	Fringe Benefits IN to PC's & Depts.	890,632	140,393	750,239	15.8%
17-5700-**-**	Standby Pay	26,000	6,110	19,890	23.5%
	Total Payroll Costs	<u>2,728,852</u>	<u>432,347</u>	<u>2,296,505</u>	<u>15.8%</u>
Other Expenses					
17-5002-**-**	Electricity	461,868	83,975	377,893	18.2%
17-5003-**-**	Natural Gas	90,976	29,610	61,366	32.5%
17-5004-**-**	Potable & Reclaimed Water	35,000	2,286	32,714	6.5%
17-5005-**-**	Co-generation Power Credit	(686,000)	(191,395)	(494,605)	27.9%
17-5006-**-**	Chlorine/Sodium Hypochlorite	400,004	89,360	310,644	22.3%
17-5007-**-**	Polymer Products	441,000	70,932	370,068	16.1%
17-5008-**-**	Ferric Chloride	330,004	52,193	277,811	15.8%
17-5009-**-**	Odor Control Chemicals	35,008	7,709	27,299	22.0%
17-5010-**-**	Other Chemicals - Misc.	1,004	-	1,004	-
17-5011-**-**	Laboratory Services	22,996	744	22,252	3.2%
17-5012-**-**	Grit Hauling - 21A	42,000	5,946	36,054	14.2%
17-5013-**-**	Landscaping	85,004	13,175	71,829	15.5%
17-5015-**-**	Management Support Services	9,996	-	9,996	-
17-5017-**-**	Legal Fees	5,004	552	4,452	11.0%
17-5019-**-**	Contract Services Misc.	96,312	-	96,312	-
17-5021-**-**	Small Vehicle Expense	7,000	1,180	5,820	16.9%
17-5022-**-**	Miscellaneous Expense	5,004	77	4,927	1.5%
17-5023-**-**	Office Supplies - All	13,004	1,066	11,938	8.2%
17-5024-**-**	Petroleum Products	20,004	454	19,550	2.3%
17-5025-**-**	Uniforms	28,000	4,804	23,196	17.2%
17-5026-**-**	Small Vehicle Fuel	9,004	553	8,451	6.1%
17-5027-**-**	Insurance - Property/Liability	135,628	10,773	124,855	7.9%
17-5028-**-**	Small Tools & Supplies	30,000	11,430	18,570	38.1%
17-5030-**-**	Trash Disposal	2,504	327	2,177	13.1%
17-5031-**-**	Safety Supplies	41,248	4,712	36,536	11.4%
17-5032-**-**	Equipment Rental	3,004	1,509	1,495	50.2%
17-5033-**-**	Recruitment	728	-	728	-
17-5034-**-**	Travel Expense/Tech. Conferences	8,996	-	8,996	-
17-5035-**-**	Training Expense	15,480	2,717	12,763	17.6%
17-5036-**-**	Laboratory Supplies	24,392	2,633	21,759	10.8%
17-5037-**-**	Office Equipment	9,996	1,391	8,605	13.9%
17-5038-**-**	Permits	10,612	526	10,086	5.0%
17-5039-**-**	Membership Dues/Fees	7,892	881	7,011	11.2%
17-5049-**-**	Biosolids Disposal	850,000	131,765	718,235	15.5%
17-5050-**-**	Contract Services Generators - 29A	13,004	4,145	8,859	31.9%
17-5052-**-**	Janitorial Services	42,000	5,506	36,494	13.1%
17-5054-**-**	Diesel Truck Maint	19,000	1,266	17,734	6.7%
17-5055-**-**	Diesel Truck Fuel	8,000	416	7,584	5.2%
17-5056-**-**	Maintenance Equip. & Facilities (Solids)	211,000	82,776	128,224	39.2%
17-5057-**-**	Maintenance Equip. & Facilities (Liquids)	242,000	24,157	217,843	10.0%
17-5058-**-**	Maintenance Equip. & Facilities (Common)	36,000	6,414	29,586	17.8%
17-5059-**-**	Maintenance Equip. & Facilities (Co-Gen)	461,876	39,562	422,314	8.6%
17-5060-**-**	Maintenance Equip. & Facilities (AWT) 41-E	50,000	422	49,578	0.8%
17-5061-**-**	Mileage	1,004	92	913	9.1%
17-5068-**-**	MNWD Potable Water Supplies & Svcs.	28,000	10,722	17,278	38.3%
17-5074-**-**	Education Reimbursement	1,996	101	1,895	5.1%
17-5076-**-**	SCADA Infrastructure	28,684	10,000	18,684	34.9%
17-5077-**-**	IT Direct	2,624	-	2,624	-
17-5105-**-**	Co-Generation Power Credit - Offset	685,992	191,395	494,597	27.9%
17-5303-**-**	Group Insurance Waiver	7,196	1,218	5,978	16.9%
17-5309-**-**	Operating Leases	-	1,915	(1,915)	-
17-5705-**-**	Monthly Car Allowance	8,396	2,229	6,167	26.6%
17-6500-**-**	IT Allocations in to PC's & Depts.	216,520	22,318	194,202	10.3%
	Total Other Expenses	<u>4,655,964</u>	<u>746,540</u>	<u>3,909,424</u>	<u>16.0%</u>
	Total Expenses	<u>7,384,816</u>	<u>1,178,888</u>	<u>6,205,928</u>	<u>16.0%</u>

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

	FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended	
21 - Effluent Transmission Main					
Salary and Fringe					
21-5000-***.**	Regular Salaries-O&M	1,088	-	1,088	-
21-5401-***.**	Fringe Benefits IN to PC's & Depts.	564	-	564	-
	Total Payroll Costs	1,652	-	1,652	-
Other Expenses					
21-5019-***.**	Contract Services Misc.	18,336	-	18,336	-
21-5027-***.**	Insurance - Property/Liability	-	-	-	-
	Total Other Expenses	18,336	-	18,336	-
	Total Expenses	19,988	-	19,988	-
23 - North Coast Interceptor					
Other Expenses					
23-5017-***.**	Legal Fees	-	3,367	(3,367)	-
	Total Expenses	-	3,367	(3,367)	-
24 - Aliso Creek Ocean Outfall					
Salary and Fringe					
24-5000-***.**	Regular Salaries-O&M	149,296	15,397	133,899	10.3%
24-5001-***.**	Overtime Salaries-O&M	620	-	620	-
24-5306-***.**	Scheduled Holiday Work	264	44	220	16.6%
24-5401-***.**	Fringe Benefits IN to PC's & Depts.	77,364	7,978	69,386	10.3%
	Total Payroll Costs	227,544	23,418	204,126	10.3%
Other Expenses					
24-5015-***.**	Management Support Services	212,496	948	211,548	0.4%
24-5017-***.**	Legal Fees	2,008	-	2,008	-
24-5027-***.**	Insurance - Property/Liability	8,704	691	8,013	7.9%
24-5031-***.**	Safety Supplies	1,044	-	1,044	-
24-5033-***.**	Recruitment	556	-	556	-
24-5034-***.**	Travel Expense/Tech. Conferences	1,512	-	1,512	-
24-5035-***.**	Training Expense	1,956	-	1,956	-
24-5036-***.**	Laboratory Supplies	30,004	5,928	24,076	19.8%
24-5038-***.**	Permits	216,924	-	216,924	-
24-5039-***.**	Membership Dues/Fees	220	-	220	-
24-5044-***.**	Offshore Monitoring	75,504	4,657	70,847	6.2%
24-5045-***.**	Offshore Biochemistry - 20B	11,512	-	11,512	-
24-5046-***.**	Effluent Chemistry	35,000	1,812	33,188	5.2%
24-5058-***.**	Maintenance Equip. & Facilities (Common) 41-C	1,004	-	1,004	-
24-6500-***.**	IT Allocations in to PC's & Depts.	18,796	1,938	16,858	10.3%
	Total Other Expenses	617,240	15,975	601,265	2.6%
	Total Expenses	844,784	39,393	805,391	4.7%
Total O&M Expenses		18,522,124	2,711,500	15,810,624	14.6%

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

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

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-5000-03-00-00	Regular Salaries-O&M	175,927	22,777	153,150	12.9%
01-5401-03-00-00	Fringe Benefits IN to PC's & Depts.	91,154	11,802	79,353	12.9%
	Total Payroll Costs	267,081	34,579	232,503	12.9%
Other Expenses					
01-5022-03-00-00	Miscellaneous Expense	3,184	84	3,100	2.6%
01-5023-03-00-00	Office Supplies - All	208	-	208	-
01-5031-03-00-00	Safety Supplies	306	-	306	-
01-5034-03-00-00	Travel Expense/Tech. Conferences	6,439	-	6,439	-
01-5035-03-00-00	Training Expense	2,244	-	2,244	-
01-5037-03-00-00	Office Equipment	408	-	408	-
01-5039-03-00-00	Membership Dues/Fees	1,377	-	1,377	-
01-5061-03-00-00	Mileage	510	21	490	4.0%
01-5309-03-00-00	Operating Leases	9,300	-	9,300	-
01-5705-03-00-00	Monthly Car Allowance	4,200	711	3,489	16.9%
01-5802-03-00-00	Shipping/Freight	312	-	312	-
01-6500-03-00-00	IT Allocations in to PC's & Depts.	54,293	5,651	48,643	10.4%
	Total Other Expenses	82,781	6,466	76,315	7.8%
	Total Engineering Expenses	349,863	41,045	308,818	11.7%

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

For the Period Ended August 31, 2021

(in dollars)

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe					
01-6000-04-00-00	Regular Salaries-Admin or IT	998,424	140,401	858,023	14.1%
01-6001-04-00-00	Overtime Salaries-Admin or IT	10,000	300	9,700	3.0%
01-6315-04-00-00	Comp Time - Admin	5,000	473	4,527	9.5%
01-6401-04-00-00	Fringe Benefits IN to ADMIN or IT	517,316	72,746	444,570	14.1%
	Total Payroll Costs	1,530,740	213,920	1,316,820	14.0%
Other Expenses					
01-6018-04-00-00	Public Notices/Public Relations	3,270	-	3,270	-
01-6101-04-00-00	HR Recruitment & Employee Relations	24,350	3,118	21,232	12.8%
01-6102-04-00-00	Subscriptions	2,081	1,363	718	65.5%
01-6103-04-00-00	Contract Labor	50,000	4,036	45,964	8.1%
01-6200-04-00-00	Management Support Services	90,000	7,416	82,584	8.2%
01-6201-04-00-00	Audit	46,000	15,000	31,000	32.6%
01-6202-04-00-00	Legal	220,000	88,251	131,749	40.1%
01-6204-04-00-00	Postage	1,500	286	1,214	19.1%
01-6223-04-00-00	Office Supplies - Admin	4,500	787	3,713	17.5%
01-6224-04-00-00	Office Equipment Admin or IT	1,200	2,907	(1,707)	242.2%
01-6234-04-00-00	Memberships & Trainings	88,000	7,062	80,938	8.0%
01-6239-04-00-00	Travel & Conference	11,000	2,656	8,344	24.1%
01-6241-04-00-00	Education Reimbursement	1,500	904	596	60.3%
01-6310-04-00-00	Miscellaneous	18,000	5,328	12,672	29.6%
01-6311-04-00-00	Mileage	1,236	38	1,198	3.1%
01-6317-04-00-00	Contract Services Misc	5,722	900	4,822	15.7%
01-6500-04-00-00	IT Allocations in to PC's & Depts.	125,761	12,963	112,798	10.3%
01-6601-04-00-00	Shipping/Freight	3,815	1,721	2,094	45.1%
01-6705-04-00-00	Monthly Car Allowance	12,000	2,031	9,969	16.9%
	Total Other Expenses	709,934	156,766	553,168	22.1%
	Total Admin Expenses	2,240,674	370,686	1,869,989	16.5%

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

		FY 2021-22 Budget	Actual	(Over)/Under Budget	% Expended
Salary & Fringe					
01-6000-05-00-00	Regular Salaries-Admin or IT	100,076	14,985	85,091	15.0%
01-6401-05-00-00	Fringe Benefits IN to ADMIN or IT	51,852	7,764	44,088	15.0%
	Total Salary & Fringe	151,928	22,749	129,179	15.0%
Other Expenses					
01-6028-05-00-00	Small Tools & Supplies	1,000	200	800	20.0%
01-6035-05-00-00	Training Expense	3,000	-	3,000	-
01-6224-05-00-00	Office Equipment Admin or IT	600	-	600	-
01-6234-05-00-00	Memberships & Trainings	2,750	-	2,750	-
01-6239-05-00-00	Travel & Conference	1,500	-	1,500	-
01-6300-05-00-00	Software Maintenance Agreements	41,026	3,441	37,585	8.4%
01-6301-05-00-00	Hardware Maintenance Agreements	14,726	-	14,726	-
01-6302-05-00-00	Cloud Subscriptions (Internet)	177,328	11,809	165,519	6.7%
01-6303-05-00-00	Telecommunications	165,582	21,075	144,507	12.7%
01-6305-05-00-00	IT Professional Services	92,400	3,749	88,651	4.1%
01-6306-05-00-00	Small Hardware Purchases (< \$5k)	40,985	1,672	39,313	4.1%
01-6307-05-00-00	Small Software Purchases & Licenses (<\$5k)	28,968	3,928	25,040	13.6%
01-6308-05-00-00	IT Memberships	160	-	160	-
01-6309-05-00-00	Operating Leases	64,173	12,515	51,658	19.5%
01-6310-05-00-00	Miscellaneous	5,000	-	5,000	-
01-6312-05-00-00	Computer & Photocopy Supplies	-	409	(409)	-
	Total Other Expenses	639,198	58,798	580,400	9.2%
	Total Expenses before Allocation	791,126	81,547	709,579	10.3%
IT Allocations (Out) to PC's & Depts					
01-6400-05-00-00	IT Allocations (OUT) to PC's & Depts.	(791,126)	(81,547)	(709,579)	10.3%
	Total IT Allocations (Out) to PC's & Depts	(791,126)	(81,547)	(709,579)	10.3%

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

**Finance Committee
October 19, 2021**

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee Meeting was held on October 19, 2021 at 10:30 a.m. via teleconference from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Finance Committee were present via Teams Meeting:

DAN FERONS	Santa Margarita Water District	Director
DAVID SHISSLER	City of Laguna Beach	Alternate Director [arrived @ 10:33 a.m.]
DENNIS CAFFERTY	El Toro Water District	Alternate Director
PAMELA ARENDS-KING	South Coast Water District	Alternate Director

Absent:

SERGIO FARIAS	City of San Juan Capistrano	Director
MATT COLLINGS	Moulton Niguel Water District	Director

Staff Participation:

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

Also Participating:

TRACIE STENDER	Procopio Law
KATHRYN FRESHLEY	El Toro Water District
TREVOR AGRELIUS	Moulton Niguel Water District
JASON HAYDEN	El Toro Water District

1. Call Meeting to Order

Chairman Ferons called the meeting to order at 10:31 a.m.

2. Public Comments

None

3. Approval of Minutes

- Finance Committee Meeting of September 21, 2021

ACTION TAKEN

Motion was made by Director Arends-King and seconded by Director Cafferty to approve Finance Committee Meeting Minutes for August 17, 2021 as submitted.

Motion carried: Aye 3, Nay 0, Abstained 1, Absent 2
Director Ferons Aye
Director Shissler Abstain
Director Farias Absent
Director Cafferty Aye
Director Collings Absent
Director Arends-King Aye

4. Financial Reports for the Month of August 2021

ACTION TAKEN

Motion was made by Director Shissler and seconded by Director Arends-King to recommend to the Board of Directors to ratify the August 31, 2021 disbursements for the period of August 1 through August 31, 2021, totaling \$3,118,837, and to receive and file the August 2021 Financial Reports as submitted.

Motion carried: Aye 4, Nay 0, Abstained 0, Absent 2
Director Ferons Aye
Director Shissler Aye
Director Farias Absent
Director Cafferty Aye
Director Collings Absent
Director Arends-King Aye

5. Financial Reports for the Month of September 2021

ACTION TAKEN

Motion was made by Director Cafferty and seconded by Director Arends-King to recommend to the Board of Directors to ratify the September 30, 2021 disbursements for the period of September 1 through September 30, 2021, totaling \$2,474,901, and to receive and file the September 2021 Financial Reports as submitted.

Motion carried: Aye 4, Nay 0, Abstained 0, Absent 2
Director Ferons Aye
Director Shissler Aye
Director Farias Absent
Director Cafferty Aye
Director Collings Absent
Director Arends-King Aye

6. Draft Use Audit FY 2020-21 Budget vs. Actual including UAL and OPEB Expense Distribution Percentages, and UAL and OPEB Liabilities distribution by Project Committees and Member Agencies

Ms. Mary Carey, Finance Controller gave a presentation on the Preliminary Use Audit Fiscal Year 2020-21 and provided update on the status of the Pun Group work on the audit. Ms. Carey stated the Audit Report, Annual Comprehensive Financial Report and Supplemental Financial Statements and the Use Audit Book will be presented to the Member Agency Finance Officers before presenting to the Finance Committee in November.

This was an information item; no action was taken.

7. Uniform Purchasing Policy and Procedure – Consideration of Policy Revisions

Ms. Burnett, General Manager presented several items for Committee consideration on Agenda Item 7 including a cumulative list of vendors utilized by SOCWA, the current Uniform Purchasing Policy and Procedure and a redraft of Exhibit 2 as was suggested at the prior Committee meeting that the General Manager would prepare. The General Manager summarized the questions for the Committee as two questions: how much spending authority does the Board desire for the General Manager to have, and does the Board want to limit specific vendors for either the Committee or Board to have the opportunity to select? Ms. Burnett explained the manner in which the staff views serial purchasing whereby there is not a serial purchase question if the purchase is in a different timeframe, a different fiscal year for example, or for a different thing being acquired, or for a different facility. Staff does not consider those types of purchases serial even though the purchase may be from the same entity. Ms. Burnett offered to the Committee members to be provided with the same presentation as before the Board at the October 7, 2021 Board meeting.

Director Ferons, Committee Chairman opened the item for Director comments. Director Cafferty commented that there is a need to give clear direction and there are a lot of variables. He noted that he is of the opinion that the Board expects especially contracts that exceed \$50,000 to come back to the board versus those that are contemplated in the budget approval if those are made clear at the time of the budget approval. It comes down to making sure everything is as clear as possible. Director Arends-King commented as to her thought that mentioning a particular area of \$50,000 in spending during the budget process is a good idea. She noted that the area of discretionary versus non-discretionary and then the \$50,000 limit is the area of focus. Director Ferons concurred that the Committee is not looking at necessarily sweeping changes. Discussion ensued as to the redraft of Exhibit 2 provided with some specifics clarified. Ms. Burnett noted it is easiest for staff to understand which kinds of services or types of vendors the Board wants to see, and as to those that, so long as they are in the budget, it is reasonable for the staff to expend \$50,000 or over. Director Ferons commented that he considers some items discretionary such as conferences & training, fleet/truck maintenance, HVAC repairs, if spending is greater than \$50,000 it should be approved by the Board. In contrast, Dr. Ferons views PERS, insurance, taxes, permit fees and board approved long-term contract commitments as non-discretionary. As an example, if a long-term uniform contract is approved by the Board it would not come back for approval, it is a bill, we have to pay it, we don't have a choice in it. Director Arends-King mentioned that SCE would be a non-discretionary example, but she noted some expenditures are confusing such as maintenance contracts where for software commitments that may not be a choice but for other maintenance contracts there could be a choice in the selection. Director Ferons noted that an approval for a three-year contract at \$20,000 per year totals over \$50,000 so it should be brought to the

Board. Ms. Burnett noted that there would be an opportunity to understand that anything we are buying that is a choice to the extent it could be folded into the budget discussion itself so that there is clarity. Director Cafferty commented as to the list of vendors provided by staff that he would be more efficient to review if the list was cut down to those vendors that historically or are likely to exceed the General Manager's authority. He noted that whether its discretionary or nondiscretionary is irrelevant if its not going to exceed the General Manager's authority. As to purchasing from the same vendor over a period of years, Director Cafferty commented that if you're entering into a contract that's over five years but the contract is going to commit you to more than \$50,000 I think that goes to the Board. Ms. Burnett pointed out that on the list provided some vendors are offering best price options as the service they provide; an example is purchasing of laboratory supplies. Staff has the option of selecting among accumulated best price options within one vendor. Director Ferons asked of staff whether the supplied list could be broken out into multiple years in order that the Directors could consider expenditures by fiscal year. Staff indicated that could be done. He noted that for engineering services and consulting services he assumes most of those are brought to the Board. It's the area of professional services that gets more scrutiny than purchasing at Staples. Ms. Burnett noted that based on the comments staff would break the list down further and committed to do that work soon so that the Committee would have the time to review prior to the next meeting. Director Ferons noted there is more work to be done and asked for the item to be on the agenda for the next meeting.

This was an information item; no action was taken.

Adjournment

There being no further business, Director Ferons adjourned the meeting at 11:57 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Special Meeting of the South Orange County Wastewater Authority Finance Committee of October 19, 2021 and approved by the Finance Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

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

Agenda Item

5.E.

Board of Directors Meeting

Meeting Date: July 6, 2023

TO: Board of Directors

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

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Financial Reports for the Month of April 2023

Summary/Discussion

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

The reports included are as follows:

1. Summary of Disbursements for April 2023 (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

April 2023 cash disbursements were: \$ 2,173,227.

- 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 April 2023 disbursements, \$2,173,227, for the period from April 1, 2023, through April 30, 2023, and to receive and file the April 2023 Financial Reports as submitted.

Exhibit A

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

	Actual
General Fund	\$ (187,039)
PC 2 - Jay B. Latham Plant	(630,919)
PC 5 - San Juan Creek Ocean Outfall	(14,895)
PC 8 - Pretreatment Program	(16,404)
PC 12 SO - Water Reclamation Permits	(22,431.69)
PC 15 - Coastal Treatment Plant/AWT	(559,068)
PC 17 - Joint Regional Wastewater Reclamation	(720,807)
PC 21 - Effluent Transmission Main	(5,683)
PC 23 - North Coast Interceptor	-
PC 24 - Aliso Creek Ocean Outfall	(15,980)
Total	<u><u>\$ (2,173,227)</u></u>

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

CASH IN BANK: (BEGINNING BAL.)	\$	1,231,347
L.A.I.F. FUNDS: (BEGINNING BAL.)		5,670,525
DEPOSITS, TRANSFERS & ADJUSTMENTS:		1,099,731
FUND REQUIREMENTS:		
BILLS FOR CONSIDERATION ¹		(2,173,227)
TOTAL CASH IN BANK	\$	5,828,376

¹ GL postings.

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

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

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

Jim Burror
Acting General Manager/Director of Operations

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



PMIA/LAIF Performance Report as of 05/17/23



PMIA Average Monthly Effective Yields⁽¹⁾

April	2.870
March	2.831
February	2.624

Quarterly Performance Quarter Ended 03/31/23

LAIF Apportionment Rate ⁽²⁾ :	2.74
LAIF Earnings Ratio ⁽²⁾ :	0.00007493902135155
LAIF Fair Value Factor ⁽¹⁾ :	0.986510329
PMIA Daily ⁽¹⁾ :	2.87
PMIA Quarter to Date ⁽¹⁾ :	2.63
PMIA Average Life ⁽¹⁾ :	275

Pooled Money Investment Account Monthly Portfolio Composition ⁽¹⁾

04/30/23
\$185.4 billion

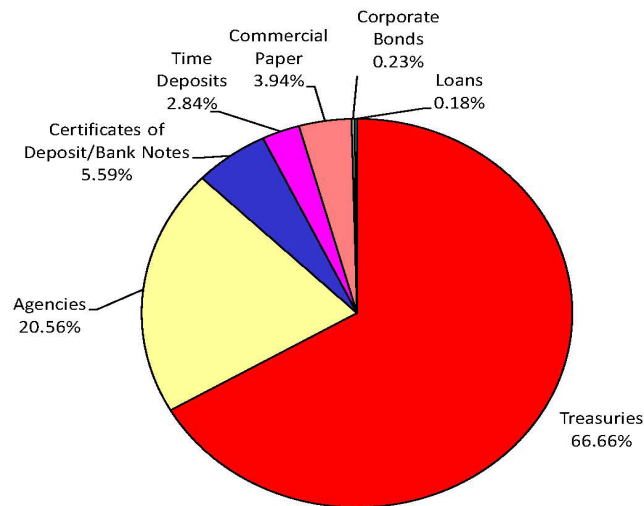


Chart does not include \$3,011,000.00 in mortgages, which equates to 0.002%. Percentages may not total 100% due to rounding.

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 April 30, 2023**

MVA	\$ 67,156	(A)
A/P Checking	1,177,748	(B)
Payroll Checking	96,389	(C)
State LAIF	4,487,083	(D)
Total Cash in Bank¹	\$ 5,828,376	
Petty Cash	1,600	(E)
Total Operating Cash	\$ 5,829,976	
OPEB Trust	6,042,294	(F)
Total Cash and Investments	\$ 11,872,270	

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

Notes:

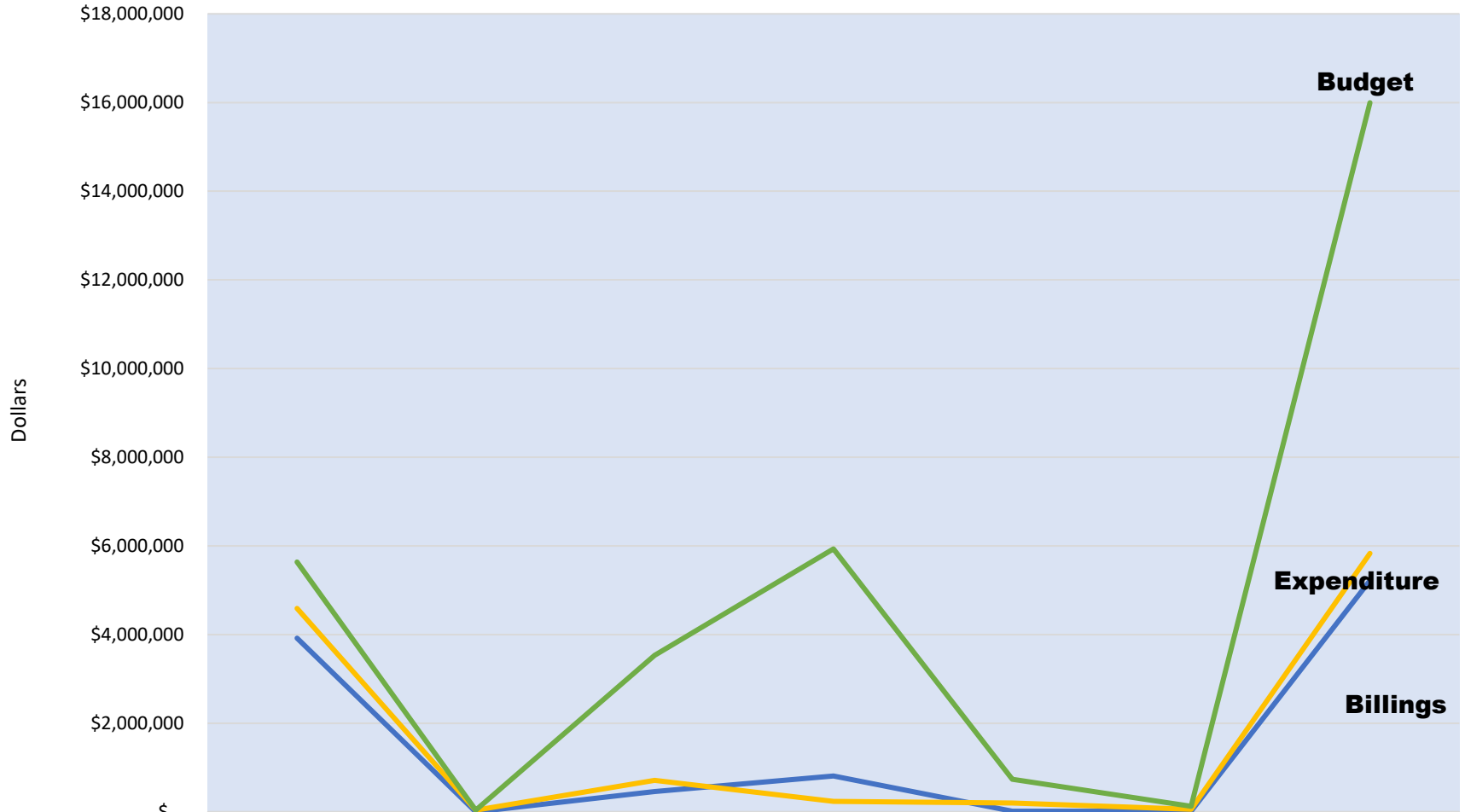
- (A) Interest bearing account; all cash receipts are deposited in this account and later moved to the LAIF account.
- (B) Accounts Payable Checks are drawn against this account; money is transferred to this account, as needed, from the LAIF account.
- (C) Payroll including payroll taxes and related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

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

FY 2022-23 Budget vs. Actual Spending								
<u>Description¹</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	\$ 3,918,177	\$ 1,720,392	69.5%	\$ 4,588,405	\$ 4,588,405	\$ -	85.4%
PC 5-San Juan Creek Outfall	39,064	-	39,064	-	39,064	39,064	-	-
PC 15-Coastal	3,529,980	456,411	3,073,569	12.9%	708,632	708,632	-	64.4%
PC 17-Regional	5,928,616	808,399	5,120,217	13.6%	234,155	234,155	-	345.2%
PC 21 Effluent Transmission	732,810	17,632	715,178	2.4%	200,000	200,000	-	-
PC 24 Aliso Creek Outfall	127,065	18,142	108,923	14.3%	60,100	60,100	-	-
Total Large Capital	\$ 15,996,104	\$ 5,218,762	\$ 10,777,342	32.6%	\$ 5,830,356	\$ 5,830,356	\$ -	89.5%
Non-Capital Engineering	217,326	58,306	159,020	26.8%	75,000	75,000	-	77.7%
Non-Capital Misc Engineering	17,500	104,809	(87,309)	598.9%	-	-	-	-
Small Internal Capital	2,061,000	1,072,151	988,849	52.0%	2,061,000	2,061,000	-	52.0%
Total Capital	\$ 18,291,930	\$ 6,454,028	\$ 11,837,902	35.3%	\$ 7,966,356	\$ 7,966,356	\$ -	81.0%

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

Large Capital Projects Fiscal Year 2022-23 Budget vs. Exhibit D-1 Year-to-Date Expenditures & Billings as of 4/30/2023



	PC 2-JB Latham	PC 5-San Juan Creek Outfall	PC 15-Coastal	PC 17-Regional	PC 21 Effluent Transmission	PC 24 Aliso Creek Outfall	Total Large Capital
Spent - YTD 4/30/2023	\$3,918,177	\$-	\$456,411	\$808,399	\$17,632	\$18,142	\$5,218,762
FY 22-23 Billings	\$4,588,405	\$39,064	\$708,632	\$234,155	\$200,000	\$60,100	\$5,830,356
Capital Budget FY 22-23	\$5,638,569	\$39,064	\$3,529,980	\$5,928,616	\$732,810	\$127,065	\$15,996,104

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

		FY 2022-23 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended	
Salary and Fringe								
5000--***	Regular Salaries-O&M	4,931,084		4,931,084	3,712,939	1,218,145	75.3%	
5001--***	Overtime Salaries-O&M	73,524		73,524	110,920	(37,396)	150.9%	(1)
5306--***	Scheduled Holiday Work	86,468		86,468	60,294	26,174	69.7%	
5315--***	Comp Time - O&M	16,920		16,920	19,573	(2,653)	115.7%	(1)
5401--***	Fringe Benefits IN to PC's & Depts.	2,572,272		2,572,272	2,227,763	344,509	86.6%	(2)
5700--***	Standby Pay	70,000		70,000	56,160	13,840	80.2%	
	Total Payroll Costs	7,750,268	-	7,750,268	6,187,648	1,562,620	79.8%	
Other Expenses								
5002--***	Electricity	1,253,828	50,000	1,303,828	1,092,108	211,720	83.8%	
5003--***	Natural Gas	268,200	205,000	473,200	448,193	25,007	94.7%	(3)
5004--***	Potable & Reclaimed Water	87,008		87,008	65,256	21,752	75.0%	
5005--***	Co-generation Power Credit	(1,050,004)		(1,050,004)	(822,796)	(227,208)	78.4%	
5006--***	Chlorine/Sodium Hypochlorite	554,000		554,000	355,581	198,419	64.2%	
5007--***	Polymer Products	789,548	70,000	859,548	876,017	(16,469)	101.9%	(3)
5008--***	Ferric Chloride	688,256	125,000	813,256	827,859	(14,603)	101.8%	(3)
5009--***	Odor Control Chemicals	117,572		117,572	130,337	(12,765)	110.9%	(3)
5010--***	Other Chemicals - Misc.	2,004		2,004	-	2,004	-	
5011--***	Laboratory Services	65,724		65,724	31,500	34,224	47.9%	
5012--***	Grit Hauling	124,472		124,472	121,808	2,664	97.9%	
5013--***	Landscaping	219,008		219,008	166,911	52,097	76.2%	
5015--***	Management Support Services	501,512	90,000	591,512	139,178	452,334	23.5%	
5017--***	Legal Fees	23,688	30,000	53,688	53,401	287	99.5%	
5018--***	Public Notices/ Public Relations	3,732		3,732	-	3,732	-	
5019--***	Contract Services Misc.	320,996		320,996	258,108	62,888	80.4%	
5021--***	Small Vehicle Expense	23,104		23,104	24,633	(1,529)	106.6%	
5022--***	Miscellaneous Expense	15,988		15,988	3,288	12,700	20.6%	
5023--***	Office Supplies - All	46,008		46,008	25,920	20,088	56.3%	
5024--***	Petroleum Products	34,000	15,000	49,000	19,838	29,162	40.5%	
5025--***	Uniforms	71,004		71,004	78,519	(7,515)	110.6%	
5026--***	Small Vehicle Fuel	22,764		22,764	15,423	7,341	67.8%	
5027--***	Insurance - Property/Liability	491,248		491,248	464,254	26,994	94.5%	(4)
5028--***	Small Tools & Supplies	80,600		80,600	57,548	23,052	71.4%	
5030--***	Trash Disposal	8,500		8,500	7,594	906	89.3%	
5031--***	Safety Program & Supplies	112,712		112,712	119,461	(6,749)	106.0%	
5032--***	Equipment Rental	7,004		7,004	14,118	(7,114)	201.6%	(5)
5033--***	Recruitment	2,316		2,316	3,386	(1,070)	146.2%	
5034--***	Travel Expense/Tech. Conferences	73,736		73,736	20,118	53,618	27.3%	
5035--***	Training Expense	73,052		73,052	34,242	38,810	46.9%	
5036--***	Laboratory Supplies	121,144		121,144	146,942	(25,798)	121.3%	
5037--***	Office Equipment	25,992		25,992	5,497	20,495	21.1%	
5038--***	Permits	593,908		593,908	582,162	11,746	98.0%	(4)
5039--***	Membership Dues/Fees	25,120		25,120	10,391	14,729	41.4%	
5044--***	Offshore Monitoring	80,000		80,000	89,093	(9,093)	111.4%	
5045--***	Offshore Biochemistry - 20B	30,004		30,004	-	30,004	-	
5046--***	Effluent Chemistry	44,992		44,992	49,562	(4,570)	110.2%	
5047--***	Access Road Expenses	45,000		45,000	-	45,000	-	
5048--***	Storm Damage	21,000		21,000	9,662	11,338	0.5	
5049--***	Biosolids Disposal	1,568,996	355,000	1,923,996	1,469,595	454,401	76.4%	
5050--***	Contract Services Generators - 29A	28,008		28,008	19,958	8,050	71.3%	
5052--***	Janitorial Services	101,004		101,004	66,076	34,928	65.4%	
5053--***	Contract Serv - Digester Cleaning - 29E	60,000		60,000	33,762	26,238	56.3%	
5054--***	Diesel Truck Maint	41,996		41,996	31,995	10,001	76.2%	
5055--***	Diesel Truck Fuel	11,496		11,496	10,572	924	92.0%	
5056--***	Maintenance Equip. & Facilities (Solids)	361,000		361,000	259,708	101,292	71.9%	
5057--***	Maintenance Equip. & Facilities (Liquids)	589,996		589,996	452,932	137,064	76.8%	
5058--***	Maintenance Equip. & Facilities (Common)	90,008		90,008	78,299	11,709	87.0%	
5059--***	Maintenance Equip. & Facilities (Co-Gen)	715,996	125,000	840,996	852,997	(12,001)	101.4%	(6)
5060--***	Maintenance Equip. & Facilities (AWT)	88,000		88,000	51,229	36,771	58.2%	
5061--***	Mileage	3,652		3,652	4,130	(478)	113.1%	
5068--***	MNWD Potable Water Supplies & Svcs.	44,000		44,000	25,256	18,744	57.4%	

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

	FY 2022-23 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended	
5076-_**_**	SCADA Infrastructure	92,128	92,128	56,892	35,236	61.8%	
5077-_**_**	IT Direct	45,004	45,004	41,822	3,182	92.9%	
5105-_**_**	Co-Generation Power Credit - Offset	1,050,000	1,050,000	822,796	227,204	78.4%	
5303-_**_**	Group Insurance Waiver	18,000	18,000	12,766	5,234	70.9%	
5305-_**_**	Medicare Tax Payments for Employees	2,388	2,388	1,522	866	63.7%	
5309-_**_**	Operating Leases	28,004	28,004	13,746	14,258	49.1%	
5705-_**_**	Monthly Car Allowance	35,400	35,400	26,098	9,302	73.7%	
5797-_**_**	Verily Stipends - WastewaterSCAN Monitoring	-	-	(13,500)	13,500	0.0%	
5799-_**_**	Zephyr Wall Costs Share-O&M	(14,000)	(14,000)	(14,000)	-	100.0%	
6500-_**_**	IT Allocations in to PC's & Depts.	609,236	609,236	419,784	189,452	68.9%	
	Total Other Expenses	11,589,052	1,065,000	12,654,052	10,249,549	2,404,503	81.0%
	Total O&M Expenses	19,339,320	1,065,000	20,404,320	16,437,197	3,967,123	80.6%

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

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

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

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

- (1) Power emergencies to date between the three (3) Treatment Plants.
- (2) The fringe rate was increased to 60% year-to-date from the budgeted 52.2 % based on an updated forecast; the change is primarily due to lower labor costs; there are openings in O&M and Engineering.
- (3) Chemical, fuel, and utilities increased with inflation and supply chain disruptions more than budgeted.
- (4) These are non-linear expenses that are primarily incurred in the first quarter of the Fiscal Year.
- (5) Several pieces are being rented due to delays associated with receiving newly purchased units.
- (6) Completed both 30k and 40k Cogen services for the Fiscal Year.

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

		FY 2022-23 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended
02 - Jay B. Latham Plant							
Salary and Fringe							
02-5000-***	Regular Salaries-O&M	1,699,352		1,699,352	1,297,440	401,912	76.3%
02-5001-***	Overtime Salaries-O&M	27,144		27,144	48,611	(21,467)	179.1% (1)
02-5306-***	Scheduled Holiday Work	37,836		37,836	26,583	11,253	70.3%
02-5315-***	Comp Time - O&M	8,056		8,056	7,235	821	89.8%
02-5401-***	Fringe Benefits IN to PC's & Depts.	886,460		886,460	778,464	107,996	87.8% (2)
02-5700-***	Standby Pay	26,000		26,000	21,775	4,225	83.8%
	Total Payroll Costs	2,684,848	-	2,684,848	2,180,108	504,740	81.2%
Other Expenses							
02-5002-***	Electricity	534,828	50,000	584,828	615,169	(30,341)	105.2% (3)
02-5003-***	Natural Gas	165,128	70,000	235,128	210,317	24,811	89.4% (3)
02-5004-***	Potable & Reclaimed Water	26,004		26,004	24,064	1,940	92.5%
02-5006-***	Chlorine/Sodium Hypochlorite	9,000		9,000	32,064	(23,064)	356.3% (3)
02-5007-***	Polymer Products	319,544	40,000	359,544	349,248	10,296	97.1% (3)
02-5008-***	Ferric Chloride	255,252	40,000	295,252	259,878	35,374	88.0% (3)
02-5009-***	Odor Control Chemicals	23,568		23,568	29,038	(5,470)	123.2% (3)
02-5010-***	Other Chemicals - Misc.	1,000		1,000	-	1,000	-
02-5011-***	Laboratory Services	19,712		19,712	7,448	12,264	37.8%
02-5012-***	Grit Hauling	59,468		59,468	73,932	(14,464)	124.3% (3)
02-5013-***	Landscaping	77,004		77,004	59,860	17,144	77.7%
02-5015-***	Management Support Services	30,008		30,008	30,805	(797)	102.7%
02-5017-***	Legal Fees	4,996	30,000	34,996	27,210	7,786	77.8%
02-5019-***	Contract Services Misc.	82,000		82,000	86,170	(4,170)	105.1%
02-5021-***	Small Vehicle Expense	11,000		11,000	10,653	347	96.8% (4)
02-5022-***	Miscellaneous Expense	8,000		8,000	691	7,309	8.6%
02-5023-***	Office Supplies - All	29,000		29,000	13,268	15,732	45.8%
02-5024-***	Petroleum Products	11,000		11,000	7,307	3,693	66.4%
02-5025-***	Uniforms	34,008		34,008	34,394	(386)	101.1%
02-5026-***	Small Vehicle Fuel	10,004		10,004	6,593	3,411	65.9%
02-5027-***	Insurance - Property/Liability	167,039		167,039	161,680	5,359	96.8% (5)
02-5028-***	Small Tools & Supplies	38,000		38,000	22,688	15,312	59.7%
02-5030-***	Trash Disposal	3,000		3,000	1,570	1,430	52.3%
02-5031-***	Safety Program & Supplies	39,248		39,248	41,229	(1,981)	105.0%
02-5032-***	Equipment Rental	3,000		3,000	274	2,726	0.09
02-5033-***	Recruitment	1,000		1,000	1,301	(301)	130.1%
02-5034-***	Travel Expense/Tech. Conferences	20,596		20,596	5,685	14,911	27.6%
02-5035-***	Training Expense	25,352		25,352	11,918	13,434	47.0%
02-5036-***	Laboratory Supplies	21,000		21,000	17,861	3,139	85.1%
02-5037-***	Office Equipment	13,000		13,000	418	12,582	3.2%
02-5038-***	Permits	26,500		26,500	23,251	3,249	87.7%
02-5039-***	Membership Dues/Fees	5,808		5,808	3,148	2,660	54.2%
02-5049-***	Biosolids Disposal	687,000	180,000	867,000	477,688	389,312	55.1%
02-5050-***	Contract Services Generators - 29A	10,004		10,004	15,907	(5,903)	159.0%
02-5052-***	Janitorial Services	47,000		47,000	31,308	15,692	66.6%
02-5053-***	Contract Serv - Digester Cleaning - 29E	60,000		60,000	33,762	26,238	56.3%
02-5054-***	Diesel Truck Maint	21,996		21,996	16,268	5,728	74.0%
02-5055-***	Diesel Truck Fuel	2,996		2,996	3,799	(803)	126.8% (3)
02-5056-***	Maintenance Equip. & Facilities (Solids)	150,000		150,000	156,994	(6,994)	104.7% (6)
02-5057-***	Maintenance Equip. & Facilities (Liquids)	230,000		230,000	175,684	54,316	76.4%
02-5058-***	Maintenance Equip. & Facilities (Common)	29,000		29,000	41,773	(12,773)	144.0% (7)
02-5059-***	Maintenance Equip. & Facilities (Co-Gen)	277,000		277,000	220,141	56,859	79.5%
02-5061-***	Mileage	2,148		2,148	1,687	461	78.5%
02-5076-***	SCADA Infrastructure	27,832		27,832	18,964	8,868	68.1%
02-5077-***	IT Direct	15,004		15,004	13,941	1,063	92.9% (5)
02-5303-***	Group Insurance Waiver	7,204		7,204	5,178	2,026	71.9%
02-5309-***	Operating Leases	22,000		22,000	13,746	8,254	62.5%
02-5705-***	Monthly Car Allowance	22,800		22,800	15,388	7,412	67.5%
02-5797-***	Verily Stipends - WastewaterSCAN Monitoring	-		-	(4,500)	4,500	100.0%
02-5799-***	Zephyr Wall Costs Share-O&M	(14,000)		(14,000)	(14,000)	-	100.0%
02-6500-***	IT Allocations in to PC's & Depts.	211,980		211,980	146,059	65,921	68.9%
	Total Other Expenses	3,884,031	410,000	4,294,031	3,538,918	755,113	82.4%
	Total Expenses	6,568,879	410,000	6,978,879	5,719,026	1,259,853	81.9%

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

	FY 2022-23 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended
05 - San Juan Creek Ocean Outfall						
Salary and Fringe						
05-5000-***	Regular Salaries-O&M		108,564	88,910	19,654	81.9%
05-5001-***	Overtime Salaries-O&M		72	296	(224)	410.4%
05-5306-***	Scheduled Holiday Work		440	88	352	20.0%
05-5315-***	Comp Time - O&M		-	32	(32)	100.0%
05-5401-***	Fringe Benefits IN to PC's & Depts.		56,628	53,346	3,282	94.2% (2)
	Total Payroll Costs		165,704	142,672	23,032	86.1%
Other Expenses						
05-5015-***	Management Support Services	45,000	170,004	41,724	128,280	24.5%
05-5017-***	Legal Fees		2,008	1,565	443	77.9%
05-5022-***	Miscellaneous Expense		-	36	(36)	100.0%
05-5026-***	Small Vehicle Fuel		500	-	500	-
05-5027-***	Insurance - Property/Liability		18,420	18,420	1,229	93.3% (5)
05-5031-***	Safety Supplies		1,004	-	1,004	-
05-5034-***	Travel Expense/Tech. Conferences		5,592	3,048	2,544	54.5%
05-5035-***	Training Expense		2,500	31	2,469	0.01
05-5036-***	Laboratory Supplies		35,000	38,542	(3,542)	110.1%
05-5038-***	Permits		275,000	272,360	2,640	99.0% (5)
05-5039-***	Membership Dues/Fees		2,000	62	1,938	0.03
05-5044-***	Offshore Monitoring		40,000	46,506	(6,506)	116.3% (8)
05-5045-***	Offshore Biochemistry - 20B		15,004	-	15,004	-
05-5046-***	Effluent Chemistry		22,496	34,325	(11,829)	152.6% (9)
05-5058-***	Maintenance Equip. & Facilities (Common)		1,004	-	1,004	-
05-6500-***	IT Allocations in to PC's & Depts.		13,148	9,059	4,089	68.9%
	Total Other Expenses	45,000	603,680	464,449	139,231	76.9%
	Total Expenses	45,000	769,384	607,121	162,263	78.9%
08 - Pre Treatment						
Salary and Fringe						
08-5000-***	Regular Salaries-O&M		116,396	87,759	28,637	75.4%
08-5401-***	Fringe Benefits IN to PC's & Depts.		60,716	52,655	8,061	86.7% (2)
	Total Payroll Costs		177,112	140,414	36,698	79.3%
Other Expenses						
08-5011-***	Laboratory Services		3,004	1,610	1,394	53.6%
08-5015-***	Management Support Services		20,004	-	20,004	-
08-5017-***	Legal Fees		2,672	605	2,067	22.6%
08-5018-***	Public Notices/ Public Relations		3,732	-	3,732	-
08-5021-***	Small Vehicle Expense - 31A		1,100	-	1,100	-
08-5022-***	Miscellaneous Expense		1,984	-	1,984	-
08-5026-***	Small Vehicle Fuel - 37A		1,256	-	1,256	-
08-5027-***	Insurance - Property/Liability		6,141	5,731	410	93.3% (5)
08-5028-***	Small Tools & Supplies		3,600	2,444	1,156	67.9%
08-5034-***	Travel Expense/Tech. Conferences		3,496	1,158	2,338	0.33
08-5035-***	Training Expense		2,000	972	1,028	-
08-5038-***	Permits and Fines		504	-	504	-
08-5039-***	Membership Dues/Fees		796	452	344	56.8%
08-6500-***	IT Allocations in to PC's & Depts.		14,092	9,711	4,381	68.9%
	Total Other Expenses		64,381	22,684	41,697	35.2%
	Total Expenses		241,493	163,098	78,395	67.5%
12 - Water Reclamation Permits						
Salary and Fringe						
12-5000-***	Regular Salaries-O&M		88,952	41,453	47,499	46.6%
12-5401-***	Fringe Benefits IN to PC's & Depts.		46,400	24,872	21,528	53.6% (2)
	Total Payroll Costs		135,352	66,325	69,027	49.0%
Other Expenses						
12-5015-***	Management Support Services		164,996	-	164,996	0.0%
12-5017-***	Legal Fees		2,000	1,400	600	0.70
12-5027-***	Insurance - Property/Liability		8,884	8,291	593	93.3% (5)
12-5034-***	Travel Expense/Tech. Conferences		4,796	866	3,930	18.1%
12-5038-***	Permits		22,508	24,687	(2,179)	109.7% (5)
12-5039-***	Membership Dues/Fees		68	-	68	-
12-6500-***	IT Allocations in to PC's & Depts.		10,764	7,421	3,343	68.9%
	Total Other Expenses		214,016	42,666	171,350	19.9%
	Total Expenses		349,368	108,991	240,377	31.2%

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

		FY 2022-23 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended
15 - Coastal Treatment Plant							
Salary and Fringe							
15-5000-***	Regular Salaries-O&M	954,888		954,888	739,215	215,673	77.4%
15-5001-***	Overtime Salaries-O&M	11,216		11,216	17,310	(6,094)	154.3% (1)
15-5306-***	Scheduled Holiday Work	15,672		15,672	7,742	7,930	49.4%
15-5315-***	Comp Time - O&M	1,996		1,996	4,551	(2,555)	228.0% (1)
15-5401-***	Fringe Benefits IN to PC's & Depts.	498,120		498,120	443,529	54,591	89.0% (2)
15-5700-***	Standby Pay	17,000		17,000	8,320	8,680	48.9%
	Total Payroll Costs	1,498,892	-	1,498,892	1,220,666	278,227	81.4%
Other Expenses							
15-5002-***	Electricity	235,000		235,000	271,997	(36,997)	115.7% (3)
15-5003-***	Natural Gas	3,000		3,000	5,943	(2,943)	198.1%
15-5004-***	Potable & Reclaimed Water	25,004		25,004	18,142	6,862	72.6%
15-5006-***	Chlorine/Sodium Hypochlorite	90,000		90,000	85,141	4,859	94.6% (3)
15-5007-***	Polymer Products	1,000		1,000	-	1,000	-
15-5008-***	Ferric Chloride	70,000	55,000	125,000	120,152	4,848	96.1% (3)
15-5009-***	Odor Control Chemicals	52,004		52,004	43,341	8,663	83.3%
15-5011-***	Laboratory Services	20,000		20,000	7,284	12,716	36.4%
15-5012-***	Grit Hauling	21,004		21,004	16,937	4,067	80.6%
15-5013-***	Landscaping	57,000		57,000	52,200	4,800	91.6%
15-5015-***	Management Support Services	11,500		11,500	9,460	2,040	82.3%
15-5017-***	Legal Fees	5,000		5,000	8,807	(3,807)	176.1%
15-5019-***	Contract Services Misc.	110,000		110,000	88,637	21,363	80.6%
15-5021-***	Small Vehicle Expense - 31A	4,004		4,004	3,285	719	82.0%
15-5022-***	Miscellaneous Expense	1,000		1,000	466	534	46.6%
15-5023-***	Office Supplies - All	4,004		4,004	3,808	196	95.1%
15-5024-***	Petroleum Products	3,000	15,000	18,000	7,003	10,998	38.9%
15-5025-***	Uniforms	9,000		9,000	10,448	(1,448)	116.1%
15-5026-***	Small Vehicle Fuel	2,000		2,000	2,594	(594)	129.7%
15-5027-***	Insurance - Property/Liability	72,916		72,916	68,050	4,866	93.3% (5)
15-5028-***	Small Tools & Supplies	9,000		9,000	10,619	(1,619)	118.0%
15-5030-***	Trash Disposal	2,996		2,996	2,786	210	93.0%
15-5031-***	Safety Supplies	32,804		32,804	29,928	2,876	91.2%
15-5032-***	Equipment Rental	1,000		1,000	-	1,000	-
15-5033-***	Recruitment	312		312	104	208	33.4%
15-5034-***	Travel Expense/Tech. Conferences	13,072		13,072	1,996	11,076	15.3%
15-5035-***	Training Expense	17,148		17,148	9,692	7,456	56.5%
15-5036-***	Laboratory Supplies	14,000		14,000	26,795	(12,795)	191.4% (10)
15-5037-***	Office Equipment	2,996		2,996	2,655	341	88.6%
15-5038-***	Permits	6,996		6,996	8,190	(1,194)	117.1%
15-5039-***	Membership Dues/Fees	4,800		4,800	2,473	2,327	51.5%
15-5047-***	Access Road Expenses	45,000		45,000	-	45,000	-
15-5048-***	Storm Damage	21,000		21,000	9,662	11,338	0.46
15-5050-***	Contract Services Generators	5,000		5,000	4,051	949	81.0%
15-5052-***	Janitorial Services	12,004		12,004	11,709	295	97.5%
15-5054-***	Diesel Truck Maint - 31B	1,000		1,000	13	987	0.01
15-5055-***	Diesel Truck Fuel - 37B	500		500	755	(255)	1.51
15-5057-***	Maintenance Equip. & Facilities (Liquids)	144,996		144,996	110,662	34,334	76.3%
15-5058-***	Maintenance Equip. & Facilities (Common)	23,000		23,000	18,972	4,028	82.5% (11)
15-5060-***	Maintenance Equip. & Facilities (AWT)	38,000		38,000	25,403	12,597	66.9%
15-5061-***	Mileage	500		500	421	79	84.2%
15-5076-***	SCADA Infrastructure	32,296		32,296	18,964	13,332	58.7%
15-5077-***	IT Direct	15,000		15,000	13,941	1,059	92.9% (5)
15-5303-***	Group Insurance Waiver	3,600		3,600	2,922	678	81.2%
15-5305-***	Medicare Tax Payments for Employees	2,240		2,240	1,522	718	68.0%
15-5705-***	Monthly Car Allowance	4,200		4,200	3,489	711	83.1%
15-5797-***	Verily Stipends - WastewaterSCAN Monitoring	-		-	(4,500)	4,500	100.0%
15-6500-***	IT Allocations in to PC's & Depts.	118,660		118,660	81,761	36,899	68.9%
	Total Other Expenses	1,368,556	70,000	1,438,556	1,218,681	219,875	84.7%
	Total Expenses	2,867,448	70,000	2,937,448	2,439,347	498,101	83.0%

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

		FY 2022-23 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended
17 - Joint Regional Wastewater Reclamation and Sludge Handling							
Salary and Fringe							
17-5000-***	Regular Salaries-O&M	1,844,716		1,844,716	1,375,773	468,943	74.6%
17-5001-***	Overtime Salaries-O&M	34,472		34,472	44,327	(9,855)	128.6% (1)
17-5306-***	Scheduled Holiday Work	32,244		32,244	25,703	6,541	79.7%
17-5315-***	Comp Time - O&M	6,868		6,868	7,755	(887)	112.9% (1)
17-5401-***	Fringe Benefits IN to PC's & Depts.	962,288		962,288	825,464	136,824	85.8% (2)
17-5700-***	Standby Pay	27,000		27,000	26,065	935	96.5%
	Total Payroll Costs	2,907,588	-	2,907,588	2,305,087	602,501	79.3%
Other Expenses							
17-5002-***	Electricity	484,000		484,000	204,942	279,058	42.3%
17-5003-***	Natural Gas	100,072	135,000	235,072	231,933	3,139	98.7% (3)
17-5004-***	Potable & Reclaimed Water	36,000		36,000	23,050	12,950	64.0%
17-5005-***	Co-generation Power Credit	(1,050,004)		(1,050,004)	(822,796)	(227,208)	78.4%
17-5006-***	Chlorine/Sodium Hypochlorite	455,000		455,000	238,376	216,624	52.4%
17-5007-***	Polymer Products	469,004	30,000	499,004	526,768	(27,764)	105.6% (3)
17-5008-***	Ferric Chloride	363,004	30,000	393,004	447,829	(54,825)	114.0% (3)
17-5009-***	Odor Control Chemicals	42,000		42,000	57,958	(15,958)	138.0% (3)
17-5010-***	Other Chemicals - Misc.	1,004		1,004	-	1,004	-
17-5011-***	Laboratory Services	23,008		23,008	15,157	7,851	65.9%
17-5012-***	Grit Hauling - 21A	44,000		44,000	30,938	13,062	70.3%
17-5013-***	Landscaping	85,004		85,004	54,851	30,153	64.5%
17-5015-***	Management Support Services	24,996		24,996	12,460	12,536	49.8%
17-5017-***	Legal Fees	5,004		5,004	12,248	(7,244)	244.8%
17-5019-***	Contract Services Misc.	110,000		110,000	83,300	26,700	75.7%
17-5021-***	Small Vehicle Expense	7,000		7,000	10,695	(3,695)	152.8% (4)
17-5022-***	Miscellaneous Expense	5,004		5,004	2,096	2,908	41.9%
17-5023-***	Office Supplies - All	13,004		13,004	8,844	4,160	68.0%
17-5024-***	Petroleum Products	20,000		20,000	5,528	14,472	27.6%
17-5025-***	Uniforms	27,996		27,996	33,677	(5,681)	120.3%
17-5026-***	Small Vehicle Fuel	9,004		9,004	6,235	2,769	69.2%
17-5027-***	Insurance - Property/Liability	199,964		199,964	186,620	13,344	93.3% (5)
17-5028-***	Small Tools & Supplies	30,000		30,000	21,797	8,203	72.7%
17-5030-***	Trash Disposal	2,504		2,504	3,238	(734)	129.3%
17-5031-***	Safety Supplies	38,652		38,652	48,304	(9,652)	125.0%
17-5032-***	Equipment Rental	3,004		3,004	13,844	(10,840)	460.9% (12)
17-5033-***	Recruitment	1,004		1,004	1,981	(977)	197.3%
17-5034-***	Travel Expense/Tech. Conferences	20,592		20,592	3,858	16,734	18.7%
17-5035-***	Training Expense	25,148		25,148	11,598	13,550	46.1%
17-5036-***	Laboratory Supplies	25,144		25,144	27,885	(2,741)	110.9%
17-5037-***	Office Equipment	9,996		9,996	2,424	7,572	24.2%
17-5038-***	Permits	15,000		15,000	26,173	(11,173)	174.5%
17-5039-***	Membership Dues/Fees	5,804		5,804	4,193	1,611	72.2%
17-5049-***	Biosolids Disposal	881,996	175,000	1,056,996	991,907	65,089	93.8% (3)
17-5050-***	Contract Services Generators - 29A	13,004		13,004	-	13,004	-
17-5052-***	Janitorial Services	42,000		42,000	23,059	18,941	54.9%
17-5054-***	Diesel Truck Maint	19,000		19,000	15,715	3,285	82.7%
17-5055-***	Diesel Truck Fuel	8,000		8,000	6,018	1,982	75.2%
17-5056-***	Maintenance Equip. & Facilities (Solids)	211,000		211,000	102,714	108,286	48.7%
17-5057-***	Maintenance Equip. & Facilities (Liquids)	215,000		215,000	166,586	48,414	77.5%
17-5058-***	Maintenance Equip. & Facilities (Common)	36,000		36,000	16,161	19,839	44.9%
17-5059-***	Maintenance Equip. & Facilities (Co-Gen)	438,996	125,000	563,996	632,855	(68,859)	112.2% (13)
17-5060-***	Maintenance Equip. & Facilities (AWT)	50,000		50,000	25,826	24,174	51.7%
17-5061-***	Mileage	1,004		1,004	2,023	(1,019)	201.5%
17-5068-***	MNWD Potable Water Supplies & Svcs.	44,000		44,000	25,256	18,744	57.4%
17-5076-***	SCADA Infrastructure	32,000		32,000	18,964	13,036	59.3%
17-5077-***	IT Direct	15,000		15,000	13,941	1,059	92.9% (5)
17-5105-***	Co-Generation Power Credit - Offset	1,050,000		1,050,000	822,796	227,204	78.4%
17-5303-***	Group Insurance Waiver	7,196		7,196	4,666	2,530	64.8%
17-5305-***	Medicare Tax Payments for Employees	148		148	-	148	-
17-5309-***	Operating Leases	6,004		6,004	-	6,004	-
17-5705-***	Monthly Car Allowance	8,400		8,400	7,221	1,179	86.0%
17-5797-***	Verily Stipends - WastewaterSCAN Monitoring	-		-	(4,500)	4,500	100.0%
17-6500-***	IT Allocations in to PC's & Depts.	226,420		226,420	156,006	70,414	68.9%
	Total Other Expenses	4,956,080	495,000	5,451,080	4,563,222	887,858	83.7%
	Total Expenses	7,863,668	495,000	8,358,668	6,868,309	1,490,359	82.2%

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

		FY 2022-23 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended		
21 - Effluent Transmission Main									
Salary and Fringe									
	21-5000-**-**		Regular Salaries-O&M	1,156	1,156	-	1,156	-	
	21-5401-**-**		Fringe Benefits IN to PC's & Depts.	600	600	-	600	-	
			Total Payroll Costs	1,756	-	1,756	-	1,756	0.0%
Other Expenses									
	21-5019-**-**		Contract Services Misc.	18,996	18,996	-	18,996	-	
	21-5027-**-**		Insurance - Property/Liability	-	-	-	-	-	
			Total Other Expenses	18,996	-	18,996	-	18,996	0.0%
			Total Expenses	20,752	-	20,752	-	20,752	0.0%
24 - Aliso Creek Ocean Outfall									
Salary and Fringe									
	24-5000-**-**		Regular Salaries-O&M	117,060	117,060	82,389	34,671	70.4%	
	24-5001-**-**		Overtime Salaries-O&M	620	620	376	244	60.7%	
	24-5306-**-**		Scheduled Holiday Work	276	276	178	98	64.6%	
	24-5401-**-**		Fringe Benefits IN to PC's & Depts.	61,060	61,060	49,433	11,627	81.0% (2)	
			Total Payroll Costs	179,016	-	179,016	132,376	46,640	73.9%
Other Expenses									
	24-5015-**-**		Management Support Services	125,004	45,000	170,004	44,728	125,276	26.3%
	24-5017-**-**		Legal Fees	2,008		2,008	1,565	443	77.9%
	24-5027-**-**		Insurance - Property/Liability	17,884		17,884	16,691	1,193	93.3% (5)
	24-5031-**-**		Safety Supplies	1,004		1,004	-	1,004	-
	24-5034-**-**		Travel Expense/Tech. Conferences	5,592		5,592	3,506	2,086	62.7%
	24-5035-**-**		Training Expense	904		904	31	873	0.03
	24-5036-**-**		Laboratory Supplies	26,000		26,000	35,859	(9,859)	137.9%
	24-5038-**-**		Permits	247,400		247,400	227,502	19,898	92.0%
	24-5039-**-**		Membership Dues/Fees	5,844		5,844	62	5,782	0.01
	24-5044-**-**		Offshore Monitoring	40,000		40,000	42,586	(2,586)	106.5% (8)
	24-5045-**-**		Offshore Biochemistry - 20B	15,000		15,000	-	15,000	-
	24-5046-**-**		Effluent Chemistry	22,496		22,496	15,237	7,259	67.7%
	24-5058-**-**		Maintenance Equip. & Facilities (Common) 41-C	1,004		1,004	1,394	(390)	138.8% (14)
	24-6500-**-**		IT Allocations in to PC's & Depts.	14,172		14,172	9,767	4,405	68.9%
			Total Other Expenses	524,312	45,000	569,312	398,929	170,383	70.1%
			Total Expenses	703,328	45,000	748,328	531,305	217,023	71.0%
			Total O&M Expenses	19,339,320	1,065,000	20,404,320	16,437,197	3,967,123	80.6%

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

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

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

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

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

- (1) Power emergencies to date between the three (3) Treatment Plants.
- (2) The fringe rate was increased to 60% year-to-date from the budgeted 52.2 % based on an updated forecast; the change is primarily due to lower labor costs; there are openings in O&M and Engineering.
- (3) Chemicals, fuel, and utilities increased with inflation and supply chain disruptions more than budgeted.
- (4) Several older vehicles are being maintained.
- (5) These are non-linear expenses that are primarily incurred in the first quarter of the Fiscal Year.
- (6) Staff is performing additional work in areas isolated by ongoing construction work that is not normally accessible for O&M work.
- (7) JBL installed and replaced a failed welding fume hood.
- (8) Toxicity exceedances at the SJCOO triggering accelerated testing and additional costs.
- (9) New NPDES permit requirement for continuous TDS monitoring installation at samplers.
- (10) Additional supplies for sampler maintenance and supply restocking.
- (11) CTP implemented additional fire hardening recommendations from OCFA.
- (12) Several pieces are being rented due to delays associated with receiving newly purchased units.
- (13) 30,000-hour Cogen Service Completed.
- (14) O&M staff implementing recommendations in the new NPDES Permit.

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

For the Period Ended April 30, 2023
(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	103,003	58,202	63.9%
01-5401-03-00-00	Fringe Benefits IN to PC's & Depts.	84,092	61,802	22,290	73.5% (1)
	Total Payroll Costs	245,297	164,805	80,492	67.2%
Other Expenses					
01-5022-03-00-00	Miscellaneous Expense	3,184	1,080	2,104	33.9%
01-5023-03-00-00	Office Supplies - All	208	59	149	28.5%
01-5031-03-00-00	Safety Supplies	306	-	306	-
01-5034-03-00-00	Travel Expense/Tech. Conferences	6,439	1,520	4,919	0.24
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	888	489	64.5%
01-5061-03-00-00	Mileage	510	125	385	24.5%
01-5309-03-00-00	Operating Leases	9,300	14,304	(5,004)	153.8%
01-5705-03-00-00	Monthly Car Allowance	4,200	2,988	1,212	71.2%
01-5802-03-00-00	Shipping/Freight	312	-	312	-
01-6500-03-00-00	IT Allocations in to PC's & Depts.	52,639	36,269	16,370	68.9%
	Total Other Expenses	81,127	57,233	23,894	70.5%
	Total Engineering Expenses	326,424	222,038	104,386	68.0%

(1) The fringe rate was increased to 60% year-to-date from the budgeted 52.2 % based on an updated forecast; the change is primarily due to lower labor costs; there are openings in O&M and Engineering.

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

	FY 2022-23 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe						
01-6000-04-00-00	Regular Salaries-Admin or IT		974,150	767,436	206,714	78.8%
01-6001-04-00-00	Overtime Salaries-Admin or IT	20,000	30,000	12,436	17,564	41.5% (1)
01-6315-04-00-00	Comp Time - Admin		5,000	1,699	3,301	34.0%
01-6401-04-00-00	Fringe Benefits IN to ADMIN or IT		508,162	460,461	47,701	90.6% (2)
	Total Payroll Costs		1,497,312	1,242,033	275,279	81.9%
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	10,434	18,756	35.7%
01-6102-04-00-00	Subscriptions		2,533	1,669	864	65.9%
01-6103-04-00-00	Contract Labor		30,000	6,302	23,698	21.0%
01-6200-04-00-00	Management Support Services	115,000	165,000	44,816	120,184	27.2%
01-6201-04-00-00	Audit		46,000	22,600	23,400	49.1%
01-6202-04-00-00	Legal	130,000	330,000	310,184	19,816	94.0%
01-6204-04-00-00	Postage		1,500	1,186	314	79.1%
01-6223-04-00-00	Office Supplies - Admin		4,294	1,799	2,495	41.9%
01-6224-04-00-00	Office Equipment Admin or IT		6,000	5,019	981	83.7%
01-6234-04-00-00	Memberships & Trainings		95,912	103,143	(7,231)	107.5% (3)
01-6239-04-00-00	Travel & Conference		25,000	13,878	11,122	55.5%
01-6240-04-00-00	Scholarship Sponsorship		-	1,000	(1,000)	
01-6241-04-00-00	Education Reimbursement		4,500	2,060	2,440	45.8%
01-6310-04-00-00	Miscellaneous		20,000	17,774	2,226	88.9%
01-6311-04-00-00	Mileage		569	538	31	94.5%
01-6317-04-00-00	Contract Services Misc		5,573	4,747	826	85.2%
01-6500-04-00-00	IT Allocations in to PC's & Depts.		117,968	81,282	36,686	68.9%
01-6601-04-00-00	Shipping/Freight		4,382	1,463	2,919	33.4%
01-6705-04-00-00	Monthly Car Allowance		12,000	9,969	2,031	83.1%
	Total Other Expenses		658,691	639,863	263,828	70.8%
	Total Admin Expenses		2,156,003	1,881,896	539,107	77.7%

(1) Increased number of meetings.

(2) The fringe rate was increased to 60% year-to-date from the budgeted 52.2 % based on an updated forecast; the change is primarily due to lower labor costs; there are openings in O&M and Engineering.

(3) Inflationary impact on costs

South Orange County Wastewater Authority
Budget vs. Actual Comparison-IT
 For the Period Ended April 30, 2023
 (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	89,849	16,461	84.5%
01-6401-05-00-00	Fringe Benefits IN to ADMIN or IT	55,456	53,909	1,547	97.2% (1)
	Total Salary & Fringe	161,766	143,759	18,007	88.9%
Other Expenses					
01-6028-05-00-00	Small Tools & Supplies	1,000	-	1,000	-
01-6035-05-00-00	Training Expense	3,000	-	3,000	-
01-6224-05-00-00	Office Equipment Admin or IT	600	-	600	-
01-6234-05-00-00	Memberships & Trainings	12,850	1,810	11,040	14.1%
01-6239-05-00-00	Travel & Conference	1,500	-	1,500	-
01-6300-05-00-00	Software Maintenance Agreements	60,433	35,862	24,571	59.3%
01-6301-05-00-00	Hardware Maintenance Agreements	14,186	12,862	1,324	90.7% (2)
01-6302-05-00-00	Cloud Subscriptions (Internet)	181,766	108,256	73,510	59.6%
01-6303-05-00-00	Telecommunications	164,582	123,250	41,332	74.9%
01-6305-05-00-00	IT Professional Services	53,500	26,782	26,718	50.1%
01-6306-05-00-00	Small Hardware Purchases (< \$5k)	28,900	14,115	14,785	48.8%
01-6307-05-00-00	Small Software Purchases & Licenses (<\$5k)	26,444	11,434	15,011	43.2%
01-6308-05-00-00	IT Memberships	160	-	160	-
01-6309-05-00-00	Operating Leases	64,173	57,826	6,347	90.1%
01-6310-05-00-00	Miscellaneous	5,000	57	4,943	0.01
01-6312-05-00-00	Computer & Photocopy Supplies	-	1,323	(1,323)	-
	Total Other Expenses	618,094	393,576	224,518	63.7%
	Total Expenses before Allocation	779,860	537,334	242,526	68.9%
IT Allocations (Out) to PC's & Depts					
01-6400-05-00-00	IT Allocations (OUT) to PC's & Depts.	(779,860)	(537,334)	(242,526)	68.9%
	Total IT Allocations (Out) to PC's & Depts	(779,860)	(537,334)	(242,526)	68.9%

(1) The fringe rate was increased to 60% year-to-date from the budgeted 52.2 % based on an updated forecast; the change is primarily due to lower labor costs; there are openings in O&M and Engineering.
 (2) AVI SPL Maintenance for JBL Audio/Visual

Agenda Item

5.F.

Board of Directors Meeting

Meeting Date: July 6, 2023

TO: Board of Directors

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

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Q3 FY 2022-23 Cash Roll Forward as of March 31, 2023

Summary/Discussion

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

Cash Roll Forward Q3, March 31, 2023

Cash Roll Forward balances are attached:

- Cash Roll Forward Notes, including:
 - Cash on Hand reconciled to the Bank Statement
 - Cash in Excess of Expenditures to date
- Large Capital Cash Reconciliation to General Ledger (GL)
- Large Capital Cash Roll Forward Balance by Project Committee, Member Agency, and Project
- Non-Capital Cash Roll Forward Balance by Project Committee, Member Agency, and Project
- Non-Capital – Miscellaneous Cash Roll Forward Balance by Project Committee, Member Agency, and Project
- Small Capital Cash Roll Forward balance by Project Committee, Member Agency, and Project

Recommended Action: The Finance Committee recommends that the Board of Directors receive and file the Q3 Fiscal Year 2022-23 Cash Roll Forward as submitted.

South Orange County Wastewater Authority
Cash Reconciliation
Fiscal Year End 2017, 2018, 2019, 2020, 2021, 2022 & Preliminary Q1 & Q2 & Q3 2023

	6/30/2017	6/30/2018	6/30/2019	6/30/2020	6/30/2021	6/30/2022	9/30/2022	12/31/2022	3/31/2023	Change +/-	% Change
(1) Cash on Hand (G/L Balance)¹	\$12,949,694	\$13,557,237	\$20,857,094	\$22,361,420	\$15,190,921	\$10,485,283	\$7,148,390	6,685,320	6,465,523	(\$219,797)	-3.3%
Accounts Payable	(2,682,688)	(2,314,106)	(1,981,080)	(3,531,550)	(5,882,659)	(2,451,972)	(684,927)	(1,525,723)	(1,203,193)		
Accrued Payroll	(102,661)	(127,396)	(100,221)	(100,221)	(224,996)	(245,023)	(141,343)	(10,028)	(108,319)		
Accounts Receivable	1,069,282	1,660,444	14,179	49,286	59,478	56,072	652,687		36,742		
(2) PTO Reserves	(653,282)	(620,032)	(683,536)	(734,477)	(877,242)	(815,201)	(815,074)	(713,065)	(555,081)		
Due to Mbr Agency	(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	1,069,819	2,433,322	856,669	870,004	1,280,615	840,732	840,732	179,394			
Mbr Agency Refund held for FY 19-20			(1,068,028)								
LAIF Fair Value Adjustment					(1,156)	117,343					
Prepaid	65,082	204,867	211,725	155,939	198,709	290,794	504,062	892,904	157,537		
Petty Cash						(1,600)	(1,600)	(1,600)	(1,600)		
Deposits	19,500										
(3) Available Cash	10,375,905	10,883,737	15,631,481	17,353,752	\$5,647,281	\$6,555,608	\$5,943,107	\$5,507,202	\$4,791,609		
(4) Large Capital Cash as of June 30th 2017, 2018, 2019, 2020, 2021, 2022, 2023	9,168,439	8,793,369	15,067,539	15,616,950	6,973,860	6,545,659	6,340,392	5,296,613	5,249,181	(47,432)	-0.9%
Non Capital Engineering Cash Balance	295,062	(81,041)									
Moulton Niguel Non Capital Engineering Accounts Receivable	(21,831)	(22,416)									
Moulton Niguel Large Capital Accounts Receivable	649,490	1,382,368									
Use Audit Settlement		216,467			(1,511,608)	(122,690)	(122,690)				
Use Audit Settlement	(49,931)	(49,931)									
(5) Total Large Capital Cash	10,041,229	10,238,817	15,067,539	15,616,950	5,462,252	6,422,969	6,217,702	5,296,613	5,249,181		
(6) Small Capital Carryover	(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	90,000	400		
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	463,522	598,408		
Non Capital Cash Collected in Excess of Expenditures					9,110		17,028	53,582	33,847		
Non Capital Misc Cash Collected in Excess of Expenditures					52,266		(11,600)	(11,600)	(11,009)		
O&M Cash Collected in Excess of Expenditures					215,060		200,000	(428,125)	(1,149,127)		
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, 2023	10,010,879	10,233,900	15,316,853	16,803,755	5,480,313	6,512,969	5,881,585	5,463,991	4,721,700		
(7) Difference	\$365,027	\$649,837	\$314,628	\$549,996	\$166,969	\$42,640	\$61,522	\$43,210	\$69,909		

Additional Cash Is:										
Prior Balance	\$281,422	\$365,027	\$649,837	\$314,628	\$549,996	\$166,969	\$42,640	\$61,522	\$43,210	
Payment to Member Agencies			(649,837)	(314,628)	(549,996)	(166,969)		(42,640)		
County of Orange Bankruptcy Payment										
County of Orange Admin Fees										
County of Orange Access Maintenance										
City of Laguna Niguel Heat Transfer										
SMWD Lab Fees										
Coke machine										
FEMA Reimbursement		136,995		9,277						
CA State Cost Reimbursement				15,356						
Interest Income Received	45,294	114,150	249,482	405,052	74,802	21,004	5	22,986	25,857	
Recycling Income	11,708	2,112	1,618	1,966.23	2,947	2,599		2,261	842	
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)	(919)		
Sale of Fixed Assets		6,297	11,226	8,675		5,700				
Other misc adjustments										
Total Other Cash	\$365,027	\$649,837	\$314,628	\$549,996	\$166,969	\$42,640	\$61,522	\$43,210	\$69,909	

¹Cash on hand decreased by \$219 thousand or 3.3% due to the change in the Large Capital work plan.

Preliminary Cash Roll Forward Notes Q2 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.

**South Orange County Wastewater Authority
Total Large Capital Projects Cash Roll Forward for Q3 FY 2022-23**

Large Capital Cash Balance After Use Audit as of March 31, 2023										
	16	17	18	19	20	21	22	23	24	
	CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total
PC 02 J B Latham										
Liquids										
3202-000 - Preliminary and Primary Treatment Improvements Design (2016)	-	-	40,309	-	-	-	30,272	22,709	37,842	131,133
3252-000 - Plant 1 Standby Power Generator Repl (2017)	-	-	93,056	-	-	-	69,814	52,361	87,268	302,500
3253-000 - Effluent System Valves Replacement (2107)	-	-	27,173	-	-	-	21,545	16,161	26,930	91,808
3254-000 - Additional Package B Liquids Design (2017)	-	-	45,357	-	-	-	34,032	25,524	42,541	147,453
3280-000 - Facility Improvements B - Basin Upgrades (2018)	-	-	2,439	-	-	-	1,897	1,493	2,394	8,222
3285-000 - Main Plant Drain Line Reconstruction (2018)	-	-	(209)	-	-	-	(157)	(118)	(196)	(680)
3215-000 - Motor Control Center M Replacement Design (2019)	-	-	9,359	-	-	-	7,019	5,264	8,774	30,416
3220-000 - Facility Improvements B - Basin Upgrades Construction I (2019)	-	-	162,395	-	-	-	121,845	91,309	152,285	527,835
32211L-000 - Plant 2 Grit Area Rehabilitation	-	-	(27,783)	-	-	-	(20,837)	(15,628)	(26,046)	(90,294)
32226L-000 - Effluent Pump Station Upgrades	-	-	28,438	-	-	-	21,329	15,996	26,660	92,423
32235L-000 - Effluent PS Electrical Rehabilitation	-	-	1,124	-	-	-	843	632	1,054	3,653
32212L-000 - Primary Tank Covers Replacements	-	-	92,308	-	-	-	69,231	51,923	86,538	300,000
Total PC 02 Liquids	-	-	473,965	-	-	-	356,834	267,626	446,042	1,544,468
Common										
3221-000 - Electrical System Evaluation (2019)	-	-	(5,705)	-	-	-	(4,197)	(4,289)	(4,586)	(18,777)
3231-000 - Facility Improvements B - Common Upgrades Construction	-	-	(45,832)	-	-	-	(33,715)	(34,466)	(36,848)	(150,860)
32232C-000 - 2337 Administration Building Roof Reconstruction	-	-	(1,981)	-	-	-	(1,457)	(1,489)	(1,592)	(6,520)
Total PC 02 Common	-	-	(53,519)	-	-	-	(39,369)	(40,244)	(43,026)	(176,158)
Solids										
3209-000 - Facility Improvements - Co-Generation Rep. (2016)	-	-	176,716	-	-	-	127,345	167,181	117,812	589,054
3287-000 - Facility Improvements B - DAFT and Ancillary Solids Improvements	-	-	(402,302)	-	-	-	(289,963)	(380,539)	(268,201)	(1,341,005)
3222-000 - Centrate System Design (2019)	-	-	1,662	-	-	-	1,199	1,572	1,109	5,542
3224-000 - Digester No.4 Rehabilitation (2019)	-	-	94,864	-	-	-	68,371	89,736	63,243	316,214
3225-000 - Facility Improvements B - DAFT and Ancillary Solids Improvement	-	-	(145)	-	-	-	(105)	(137)	(97)	(484)
3234-000 - Centrate Piping Reconstruction (2021)	-	-	28,617	-	-	-	20,626	27,070	19,078	95,391
32232S-000 - Buried Digester and Flare Gasline Replacement	-	-	(200)	-	-	-	(144)	(189)	(133)	(666)
32234S-000 - JBL Heat exchanger #4 pipe replacement	-	-	(35)	-	-	-	(25)	(33)	(23)	(115)
Total PC 02 Solids	-	-	(100,821)	-	-	-	(72,697)	(95,338)	(67,212)	(336,068)
Total PC2 JB Latham	-	-	319,626	-	-	-	244,768	132,044	335,804	1,032,241

**South Orange County Wastewater Authority
Total Large Capital Projects Cash Roll Forward for Q3 FY 2022-23**

Large Capital Cash Balance After Use Audit as of March 31, 2023										
	16	17	18	19	20	21	22	23	24	
	CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total
PC 05 San Juan Creek Ocean Outfall										
3603-000 Dilution Study (2016)	-	9,889	6,593	-	-	-	9,228	26,370	7,420	59,500
36221O-000 - Surge System Air Valve Replacement	-	6,492	4,328	-	-	-	6,060	17,313	4,871	39,064
Total PC5 San Juan Creek Ocean Outfall	-	16,381	10,921	-	-	-	15,288	43,683	12,291	98,564
PC 15 Coastal Treatment Plant										
Liquids										
3504-000 - Aeration System Modification Design (2015)	(259)	-	-	-	(20)	-	(200)	-	(204)	(684)
3514-000 - CTP Facility Upgrade Design and Financing (2016)	(2,943)	-	-	-	(232)	-	(2,271)	-	(2,317)	(7,762)
3534-000 - Export Sludge System (1997)	(118,667)	-	-	-	(9,339)	-	(91,575)	-	(93,439)	(313,021)
3539-000 Facility Construction Improvements - Part II (2020)	(15,455)	-	-	-	(1,218)	-	(11,924)	-	(12,166)	(40,762)
3553-000 - Plant Drainage Improvements (2017)	88,781	-	-	-	6,997	-	68,505	-	69,906	234,189
3592-000 - Facility Improvements Project Design (2018)	791	-	-	-	135	-	559	-	615	2,099
3525-000 - Personnel Building reconstruction (2019)	60,990	-	-	-	4,802	-	47,063	-	48,023	160,877
3526-000 - Facility Improvements Project Construction - Part I (2019)	(32)	-	-	-	(2)	-	(24)	-	(25)	(84)
3527-000 - Vehicle Storage Building Roof (2019)	32,224	-	-	-	2,537	-	24,866	-	25,373	85,000
3528-000 - AWMA Road Sites West 1 and West 2 Embankment Protection	36,875	-	-	-	2,904	-	28,455	-	29,036	97,269
3529-000 - Aliso Creek Long Term Repair Planning	28,604	-	-	-	2,252	-	22,072	-	22,523	75,452
3541-000 - Export Sludge System Construction (2020)	309,767	-	-	-	24,391	-	239,033	-	243,911	817,102
35220L-000 - Fiber Installation to Alicia Parkway	13,248	-	-	-	1,043	-	10,223	-	10,431	34,945
35228L-000 - Aeration Blower System Upgrades	2,777	-	-	-	219	-	2,143	-	2,186	7,325
3522AL-000 - Drainage Pump Station	28,972	-	-	-	2,282	-	22,357	-	22,812	76,422
35221L-000 - Auxiliary Blower and Maintenance Building Roofs	(1,149)	-	-	-	(91)	-	(887)	-	(905)	(3,032)
35229L-000 - Foul Air System	(275)	-	-	-	(22)	-	(212)	-	(216)	(725)
35238L-000 - Relocate influent flow meters	9,478	-	-	-	746	-	7,313	-	7,463	25,000
Total PC 15 Liquids	473,725	-	-	-	37,384	-	365,495	-	373,006	1,249,610
AWT										
3596-000 - Applied Water VFD Pump Panel and Electrical (AWT) (2018)	-	-	-	-	-	-	-	-	8,574	8,574
Total PC 15 AWT	-	-	-	-	-	-	-	-	8,574	8,574
Total PC 15 Coastal Treatment Plant	473,725	-	-	-	37,384	-	365,495	-	381,580	1,258,185

South Orange County Wastewater Authority
Total Large Capital Projects Cash Roll Forward for Q3 FY 2022-23

Large Capital Cash Balance After Use Audit as of March 31, 2023										
	16	17	18	19	20	21	22	23	24	
	CLB	CSC	CSJC	ETWD	EBSB	IRWD	MNWD	SMWD	SCWD	Total
PC 17 Joint Regional Wastewater Reclamation Liquids/AWT										
3722AL-000 - MCC A, C, G, H Replacement	-	-	-	-	-	-	21,638	-	-	21,638
3753-000 Aeration Diffuser Upgrade (2020)	-	-	-	-	-	-	209,337	-	-	209,337
3758-000 AWT No.2 Reconstruction (2020)	-	-	-	-	-	-	81,951	-	-	81,951
3742-000 - Aeration System Upgrade (2019)	-	-	-	-	-	-	327	-	-	327
3759-000 AWT No.2 Electrical Upgrades (2020)	-	-	-	-	-	-	86,284	-	-	86,284
3774-000 - MCC A, C, G, H Replacement (Liquids) (2021)	-	-	-	-	-	-	(8,790)	-	-	(8,790)
Total PC 17 Liquids	-	-	-	-	-	-	390,747	-	-	390,747
Common										
3761-000 - External Lighting Upgrade	22,511	-	-	38,296	1,192	-	293,960	-	17,986	373,946
3764-000 - SCADA Improvements (2017)	726	-	-	2,762	45	-	23,535	-	575	27,642
3745-000 - West Slope Protection Evaluation (2019)	2,261	-	-	3,700	119	-	28,176	-	1,807	36,064
3746-000 - Motor Control Center A, G, H Design (2019)	5,386	-	-	3,978	128	-	30,291	-	1,942	41,725
3747-000 -Southside Plant Manhole Reconstruction (2019)	585	-	-	957	31	-	7,285	-	467	9,325
3748-000 - SE electrical Manhole reconstruction (2019)	364	-	-	596	19	-	4,540	-	291	5,810
37229C-000 - Laboratory Reconstruction	2,398	-	-	3,924	126	-	29,884	-	1,917	38,249
3779-000 - MCC A, C, G, H Replacement (Common) (2021)	(112)	-	-	(184)	(6)	-	(1,400)	-	(90)	(1,792)
Total PC 17 Common	34,119	-	-	54,029	1,654	-	416,271	-	24,895	530,968
Solids										
3790-000 - Solids Area Upgrade Design (2018)	(14,953)	-	-	(27,200)	(786)	-	(78,388)	-	(11,941)	(133,267)
3749-000 - Phase I Solids Piping Upgrade (2019)	42,896	-	-	78,029	2,256	-	224,876	-	34,255	382,311
3750-000 - Dewatering room Floor Sealing and Lighting (2019)	11,676	-	-	21,239	614	-	61,210	-	9,324	104,063
3754-000 - SET Piping Reconstruction (2019)	6,115	-	-	11,123	322	-	32,057	-	4,883	54,500
3771-000 - Miscellaneous Safety Improvements - Solids (2020)	8,718	-	-	15,859	459	-	45,704	-	6,962	77,702
3772-000 - Hot Water Piping Reconstruction (2020)	35,139	-	-	63,920	1,848	-	184,211	-	28,061	313,178
3773-000 - Co-Generation System Modifications (2020)	22,849	-	-	41,564	1,202	-	119,785	-	18,247	203,646
37201S - MCC A, C, G, H Replacement	(282)	-	-	(513)	(15)	-	(1,479)	-	(225)	(2,514)
37236S-000 - MCC A, C, G, H Replacement	809	-	-	1,472	43	-	4,243	-	646	7,213
Total PC 17 Solids	112,967	-	-	205,493	5,941	-	592,218	-	90,212	1,006,831
Total PC 17 Joint Regional Wastewater Reclamation	147,086	-	-	259,522	7,595	-	1,399,236	-	115,107	1,928,546

**South Orange County Wastewater Authority
Total Large Capital Projects Cash Roll Forward for Q3 FY 2022-23**

Large Capital Cash Balance After Use Audit as of March 31, 2023										
	16	17	18	19	20	21	22	23	24	
	CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total
PC 21 Effluent Transmission Main										
Reach B/C/D										
3101-000 - Trail Bridge Crossing Protection - Phase I (D) (2016)	-	-	-	108,636	-	108,634	-	-	-	217,270
3105-000 - Air Valve Replacement Design and Permitting (D) (2020)	-	-	-	10,793	-	10,793	-	-	-	21,586
3107-000 - Air Valve Replacement Construction (D) (2021)	-	-	-	69,000	-	69,000	-	-	-	138,000
31221B-000 - Trail Bridge Crossing (D)	-	-	-	(364)	-	(364)	-	-	-	(728)
Total PC21 Reach B/C/D	-	-	-	188,065	-	188,063	-	-	-	376,128
Reach E										
3104-000 - Aliso Creek Long term Repair Planning (E) (2019)	-	-	-	39,266	-	39,266	-	-	-	78,533
3106-000 - Air Valve Replacement Design and Permitting (E) (2020)	-	-	-	16,273	-	16,273	37,323	-	-	69,868
3108-000 - Air Valve Replacement Construction (E) (2021)	-	-	-	37,270	-	37,270	85,485	-	-	160,025
Total PC21 Reach E	-	-	-	92,809	-	92,809	122,808	-	-	308,426
Total PC 21 Effluent Transmission Main	-	-	-	280,874	-	280,872	122,808	-	-	684,554
PC 24 Aliso Creek Ocean Outfall										
3401-000 - Emergency Plan Development (2016)	25	-	-	37	2	36	99	-	28	226
3407-000 - Internal Seal Replacement (2018)	(47)	-	-	(70)	(3)	(68)	(189)	-	(53)	(431)
3408-000 - Sampling System Repair (2020)	9,085	-	-	13,464	644	13,017	36,219	-	10,168	82,598
3480-000 - Internal Seal Replacement (2020)	18,117	-	-	26,845	1,285	25,957	72,220	-	20,274	164,698
Total PC 24 Aliso Creek Ocean Outfall	27,179	-	-	40,276	1,928	38,941	108,350	-	30,417	247,092
Total Large Capital Cash	647,990	16,381	330,546	580,672	46,907	319,813	2,255,944	175,727	875,199	5,249,181

**South Orange County Wastewater Authority
Total Non-Capital Cash Roll Forward Q3 FY 2022-23**

Non-Capital Cash Balance After Use Audit as of March 31, 2023										
16	17	18	19	20	21	22	23	24		
CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total	
PC 17 Joint Regional Wastewater Reclamation										
Common										
47224C-000 - Consequence of Failure Analysis	2,123	-	-	3,473	112	-	26,442	-	1,697	33,847
Total Common	2,123	-	-	3,473	112	-	26,442	-	1,697	33,847
Total PC 17 Joint Regional Wastewater Reclamation	2,123	-	-	3,473	112	-	26,442	-	1,697	33,847
Total Non-Capital Cash	2,123	-	-	3,473	112	-	26,442	-	1,697	33,847

**South Orange County Wastewater Authority
Total Non Capital Miscellaneous Cash Roll Forward Q3 FY 2022-23**

Non-Capital Miscellaneous Cash Balance After Use Audit FY 2021-22 as of March 31, 2023										
	16	17	18	19	20	21	22	23	24	
	CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total
PC 02 J B Latham										
Liquids										
5205-000(a) PC 2 Asset Register Pilot Project Liquids (2020)	-	-	(135)	-	-	-	(101)	(76)	(126)	(438)
Total Liquids	-	-	(135)	-	-	-	(101)	(76)	(126)	(438)
Common										
5203-000 PC 2 Miscellaneous Engineering Common (2020)	-	-	(133)	-	-	-	(98)	(100)	(107)	(438)
52221C-000 Arc Flash 5-Year Update	-	-	(3,525)	-	-	-	(2,593)	(2,650)	(2,833)	(11,600)
Total PC 2 Common	-	-	(3,658)	-	-	-	(2,690)	(2,750)	(2,940)	(12,038)
Total PC2 JB Latham	-	-	(3,793)	-	-	-	(2,792)	(2,826)	(3,066)	(12,476)
PC 05 San Juan Creek Ocean Outfall										
56221O-000 Outfall Port Cleaning	-	33	22	-	-	-	31	89	25	200
Total PC05 SJ Creek Outfall	-	33	22	-	-	-	31	89	25	200
PC 15 Coastal Treatment Plant										
Liquids										
5505-000 PC 15 Miscellaneous Engineering Liquids (2021)	556	-	-	-	44	-	429	-	438	1,467
Total PC 15 Liquids	556	-	-	-	44	-	429	-	438	1,467
Total PC 15 Coastal Treatment Plant	556	-	-	-	44	-	429	-	438	1,467
PC 24 Aliso Creek Ocean Outfall										
54221O-000 Outfall Port Cleaning	22	-	-	33	2	32	88	-	25	200
Total PC 24 Aliso Creek Outfall	22	-	-	33	2	32	88	-	25	200
Total Non-Capital Miscellaneous Cash	578	33	(3,770)	33	45	32	(2,244)	(2,737)	(2,579)	(10,609)

**South Orange County Wastewater Authority
Small Capital Cash Roll Forward Q3 FY 2022-23**

		Small Capital Cash Balance After the Use Audit as of March 31, 2023									
		16	17	18	19	20	21	22	23	24	Total
		CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	
PC 02 J B Latham											
Liquids											
2222-004	Pump Overhauls	-	-	(2,328)	-	-	-	(1,746)	(1,309)	(2,182)	(7,565)
2222-010	Spare Potable Water Pumps	-	-	(4,128)	-	-	-	(3,096)	(2,322)	(3,870)	(13,417)
2222-025	9 side grit conveyor	-	-	(14,508)	-	-	-	(10,881)	(8,161)	(13,602)	(47,152)
2223-001	2 ISCO Samplers (between 3 PC's)	-	-	(444)	-	-	-	(332)	(249)	(415)	(1,440)
2223-002	Laboratory Equipment and Probe Replacements (between 3 PC's)	-	-	5,960	-	-	-	4,469	3,353	5,586	19,367
2223-003	Pump Overhauls	-	-	1,367	-	-	-	1,025	768	1,279	4,440
2223-004	Replacement Liquids Side Bleach Tank	-	-	5,769	-	-	-	4,326	3,246	5,409	18,750
2223-005	Gate Replacements	-	-	3,462	-	-	-	2,595	1,947	3,246	11,250
2223-006	Roll up Door Replacement	-	-	6,693	-	-	-	5,019	3,765	6,273	21,750
2223-007	Building Doors	-	-	4,614	-	-	-	3,462	2,595	4,326	14,997
2223-008	Vulcan washpress 4-side	-	-	9,231	-	-	-	6,924	5,193	8,655	30,003
2223-009	Spare Pump	-	-	3,462	-	-	-	2,595	1,947	3,246	11,250
2223-027	4-Side PE Channel Process Water Line Replacement	-	-	(2,415)	-	-	-	(1,811)	(1,358)	(2,264)	(7,847)
Total Liquids		-	-	16,735	-	-	-	12,550	9,414	15,688	54,386
Common											
2222-015	PA System (between 3 PC's)	-	-	(18,117)	-	-	-	(13,326)	(13,620)	(14,562)	(59,625)
2223-010	Safety Equipment	-	-	4,557	-	-	-	3,351	3,426	3,663	14,997
2223-011	Site Security and Access Upgrades 2022 (between 3 PC's)	-	-	11,394	-	-	-	8,385	8,565	9,159	37,503
2223-012	JBL HP SCADA Server Switch 2022	-	-	3,417	-	-	-	2,514	2,571	2,748	11,250
2223-013	PA System (between 3 PC's)	-	-	17,094	-	-	-	12,570	12,849	13,737	56,250
2223-014	Remove and Replace Asphalt 9-Side Headworks Area	-	-	11,394	-	-	-	8,382	8,565	9,159	37,500
2223-015	Replacement Backup Repository Server (between 3 PC's)	-	-	3,417	-	-	-	2,514	2,571	2,748	11,250
2223-016	Utility Vehicle (between 3 PC's)	-	-	5,697	-	-	-	4,191	4,284	4,578	18,750
2223-017	Electric Charging Station	-	-	10,254	-	-	-	7,542	7,710	8,244	33,750
2223-025	Tank Chain JBL	-	-	(8,660)	-	-	-	(6,370)	(6,511)	(6,961)	(28,503)
2223-026	Plant Potable Water Line Replacement	-	-	(7,038)	-	-	-	(5,176)	(5,291)	(5,657)	(23,162)
Total PC 2 Common		-	-	33,409	-	-	-	24,577	25,119	26,856	109,960
Solids											
2222-020	Replacement Flame Arresters	-	-	(2,211)	-	-	-	(1,593)	(2,091)	(1,474)	(7,369)
2222-023	JBL Digester 1 and 2 Manway Access Improvements	-	-	(34,236)	-	-	-	(24,675)	(32,386)	(22,824)	(114,121)
2222-024	Digester flame arrestors and vacuum vents	-	-	(6,884)	-	-	-	(4,961)	(6,512)	(4,589)	(22,946)
2223-018	Buildings Door Replacements 2022	-	-	4,500	-	-	-	3,243	4,257	3,000	15,000
2223-019	Pump Overhauls	-	-	2,322	-	-	-	1,674	2,197	1,548	7,741
2223-020	Replacement Valves	-	-	6,750	-	-	-	4,866	6,384	4,500	22,500
2223-021	Conveyor Overhaul	-	-	5,625	-	-	-	4,053	5,322	3,750	18,750
2223-022	Foul Air Connection to Centrate Line	-	-	(4,785)	-	-	-	(3,447)	(4,528)	(3,190)	(15,950)
2223-023	Centrifuge Rebuild	-	-	6,484	-	-	-	4,673	6,133	4,322	21,612
2223-024	PLC Replacement	-	-	4,500	-	-	-	3,243	4,257	3,000	15,000
2223-029	Replace 20ft of buried hot water line	-	-	(2,510)	-	-	-	(1,809)	(2,374)	(1,673)	(8,367)
2223-030	JBL Building #40 Truck Bay Lighting System Upgrades	-	-	(3,513)	-	-	-	(2,532)	(3,323)	(2,342)	(11,710)
Total PC 2 Solids		-	-	(23,958)	-	-	-	(17,266)	(22,663)	(15,972)	(79,859)
Total PC2 JB Latham		-	-	26,186	-	-	-	19,860	11,870	26,572	84,488

**South Orange County Wastewater Authority
Small Capital Cash Roll Forward Q3 FY 2022-23**

		Small Capital Cash Balance After the Use Audit as of March 31, 2023									
		16	17	18	19	20	21	22	23	24	Total
		CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	
PC 05 San Juan Creek Ocean Outfall											
2622-001	BioRad ddPCR QX200	-	(1,635)	(1,090)	-	-	-	(1,526)	(4,360)	(1,227)	(9,837)
2623-001	ECO CDOM - RT Base Model	-	(524)	(350)	-	-	-	(489)	(1,398)	(393)	(3,154)
Total PC5 San Juan Creek Ocean Outfall		-	(2,159)	(1,439)	-	-	-	(2,015)	(5,758)	(1,620)	(12,992)
PC 15 Coastal Treatment Plant											
Liquids											
2522-042	Gardner Denver 7M Air Blower	(3,675)	-	-	-	(289)	-	(2,835)	-	(2,893)	(9,693)
2522-048	CTP Building 10 Concrete Removal and Floor Patch Back	(1,986)	-	-	-	(156)	-	(1,532)	-	(1,564)	(5,238)
2223-001	2 ISCO Samplers (between 3 PC's)	(547)	-	-	-	(44)	-	(421)	-	(431)	(1,443)
2223-002	Laboratory Equipment and Probe Replacements (between 3 PC's)	4,785	-	-	-	376	-	3,692	-	3,768	12,620
2523-003	Pump/Blower Overhauls	8,401	-	-	-	661	-	6,484	-	6,615	22,160
2523-004	Pump Control Rehabilitations	11,373	-	-	-	897	-	8,775	-	8,955	30,000
2523-005	Building Lighting Improvements	2,844	-	-	-	225	-	2,193	-	2,238	7,500
2523-006	Spare Pumps	9,948	-	-	-	783	-	7,680	-	7,836	26,247
2523-007	Liquids Buildings Door Replacements	5,688	-	-	-	447	-	4,389	-	4,479	15,003
2523-008	Gallery Area Floor Rehabilitations	17,061	-	-	-	1,344	-	13,164	-	13,434	45,003
2523-009	Building #13 Roof Replacement	8,529	-	-	-	672	-	6,582	-	6,714	22,497
2523-010	Potable Water Station Rehabilitation	11,373	-	-	-	897	-	8,775	-	8,952	29,997
2523-011	Headworks Driveway Replacement	5,688	-	-	-	447	-	4,389	-	4,479	15,003
2523-027	Replacement SCWD Influent Meter	(3,852)	-	-	-	(303)	-	(2,972)	-	(3,033)	(10,159)
2523-028	Replacement Parkson Rotary Screen Drum	(22,248)	-	-	-	(1,752)	-	(17,167)	-	(17,518)	(58,685)
2523-029	Daft #1 Skimmer Arm Replacement	(4,089)	-	-	-	(322)	-	(3,155)	-	(3,219)	(10,785)
Total PC 15 Liquids		49,294	-	-	-	3,882	-	38,039	-	38,812	130,028
Common											
2523-012	Safety Equipment	2,844	-	-	-	225	-	2,193	-	2,238	7,500
2523-013	Landscape Renovations 2022	10,236	-	-	-	807	-	7,899	-	8,061	27,003
2223-011	Site Security and Access Upgrades 2022 (between 3 PC's)	12,795	-	-	-	1,008	-	9,873	-	10,074	33,750
2523-015	Replacement Doors	6,252	-	-	-	492	-	4,827	-	4,926	16,497
2523-016	CTP PLC Hardware Upgrades and Replacements 2022	4,263	-	-	-	336	-	3,291	-	3,357	11,247
2523-017	CTP HP SCADA Server Switch 2022	4,263	-	-	-	336	-	3,291	-	3,357	11,247
2523-018	CTP OIT Replacements 2022	2,844	-	-	-	225	-	2,193	-	2,238	7,500
2223-013	PA System (between 3 PC's)	17,061	-	-	-	1,341	-	13,164	-	13,437	45,003
2223-015	Replacement Backup Repository Server (between 3 PC's)	(12,188)	-	-	-	(960)	-	(9,406)	-	(9,599)	(32,153)
2223-016	Utility Vehicle (between 3 PC's)	5,688	-	-	-	447	-	4,389	-	4,479	15,003
2523-022	Electric Charging Station	12,795	-	-	-	1,008	-	9,873	-	10,074	33,750
Total PC 15 Common		66,853	-	-	-	5,265	-	51,587	-	52,642	176,347
AWT											
2523-023	Replacement Pumps	-	-	-	-	-	-	-	-	15,000	15,000
2523-024	Replacement Turbidity Meter	-	-	-	-	-	-	-	-	7,500	7,500
Total PC 15 AWT		-	-	-	-	-	-	-	-	22,500	22,500
Total PC 15 Coastal Treatment Plant		116,147	-	-	-	9,148	-	89,626	-	113,954	328,875

**South Orange County Wastewater Authority
Small Capital Cash Roll Forward Q3 FY 2022-23**

Small Capital Cash Balance After the Use Audit as of March 31, 2023										
	16	17	18	19	20	21	22	23	24	Total
	CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	
PC 17 Joint Regional Wastewater Reclamation										
Liquids										
2722-052	Spare RAS Bleach Pump	-	-	-	-	-	(16,155)	-	-	(16,155)
2722-074	Ferric Tank Level Indicator and Transmitter	-	-	-	-	-	(3,369)	-	-	(3,369)
2723-001	Safety Equipment	-	-	-	-	-	5,250	-	-	5,250
2223-001	Site Security and Access Upgrades 2022 (between 3 PC's)	-	-	-	-	-	8,310	-	-	8,310
2223-002	Laboratory Equipment and Probe Replacements (between 3 PC's)	-	-	-	-	-	(2,383)	-	-	(2,383)
2723-003	Spare Grit Pump	-	-	-	-	-	30,000	-	-	30,000
2723-004	Primary Pump Overhaul/Replacements	-	-	-	-	-	31,652	-	-	31,652
2723-005	Interstage Pump Overhaul	-	-	-	-	-	37,500	-	-	37,500
2723-006	Replacement Valves	-	-	-	-	-	11,250	-	-	11,250
2723-007	RAS Pump Overhaul/Replacement	-	-	-	-	-	(6,093)	-	-	(6,093)
2723-008	Storm Water Pump Station Overhaul/Replacement	-	-	-	-	-	11,250	-	-	11,250
2723-009	Headworks Area Building Doors	-	-	-	-	-	15,000	-	-	15,000
2723-010	Primary Area Building Doors	-	-	-	-	-	11,250	-	-	11,250
2723-025	RTP 3WHP Strainer	-	-	-	-	-	(35,676)	-	-	(35,676)
2723-028	Primary Tank Rehabilitation	-	-	-	-	-	(13,410)	-	-	(13,410)
2723-032	3WHP pressure reducing valve	-	-	-	-	-	(6,817)	-	-	(6,817)
	Total PC 17 Liquids	-	-	-	-	-	77,560	-	-	77,560
Common										
2222-015	PA System (between 3 PC's)	(3,439)	-	-	(5,627)	(181)	-	(42,848)	-	(7,748)
2723-011	Safety Equipment	471	-	-	771	24	-	5,859	-	375
2723-012	Access Road Repaving	942	-	-	1,539	51	-	11,718	-	753
2723-013	Landscape Renovations 2022	942	-	-	1,539	51	-	11,718	-	753
2223-011	Site Security and Access Upgrades 2022 (between 3 PC's)	3,288	-	-	5,385	174	-	41,019	-	2,628
2723-015	Replacement forklift	2,352	-	-	3,849	123	-	29,298	-	1,878
2223-016	Utility Vehicle (between 3 PC's)	942	-	-	1,539	51	-	11,718	-	753
2723-017	Electric Charging Station	2,115	-	-	3,462	111	-	26,370	-	1,692
2223-013	PA System (between 3 PC's)	3,198	-	-	5,232	165	-	39,846	-	2,556
	Total PC 17 Common	10,811	-	-	17,689	569	-	134,698	-	8,640
Solids										
2722-064	Replacement Digester Sludge Pump	(6,039)	-	-	(10,985)	(318)	-	(31,658)	-	(4,822)
2723-019	Solids Area Buildings Replacement Doors	3,534	-	-	6,429	183	-	18,528	-	2,823
2723-020	Replacement Centrifuge Feed Pumps	(5,293)	-	-	(9,628)	(278)	-	(27,748)	-	(4,227)
2723-021	Spare Centrifuge Cyclo Drive	(549)	-	-	(996)	(27)	-	(2,876)	-	(438)
2723-022	Replacement Condensate Trap	3,366	-	-	6,123	177	-	17,646	-	2,688
2723-023	ORT Fan Replacement/Overhaul	1,515	-	-	2,754	81	-	7,941	-	1,209
2723-027	Spare REDEX for Centrifuge	(765)	-	-	(1,391)	(40)	-	(4,009)	-	(611)
2723-029	RTP Building 65 HVAC Replacement	(1,594)	-	-	(2,900)	(84)	-	(8,358)	-	(1,273)
	Total PC 17 Solids	(5,824)	-	-	(10,595)	(306)	-	(30,533)	-	(4,651)
AWT										
2723-024	Spare Pulsafeeder Pump	-	-	-	-	-	15,000	-	-	15,000
2723-030	Two AWT Programmable Logic Controllers (PLC)	-	-	-	-	-	(2,030)	-	-	(2,030)
	Total PC 17 AWT	-	-	-	-	-	12,970	-	-	12,970
	Total PC 17 Joint Regional Wastewater Reclamation	4,987	-	-	7,095	263	-	194,696	-	3,989

**South Orange County Wastewater Authority
Small Capital Cash Roll Forward Q3 FY 2022-23**

Small Capital Cash Balance After the Use Audit as of March 31, 2023										
16	17	18	19	20	21	22	23	24		
CLB	CSC	CSJC	ETWD	EBS	IRWD	MNWD	SMWD	SCWD	Total	
PC 24 Aliso Creek Ocean Outfall										
2622-001 BioRad ddPCR QX200	(1,082)	-	-	(1,603)	(77)	(1,550)	(4,314)	-	(1,211)	(9,837)
2623-001 ECO CDOM - RT Base Model	(347)	-	-	(514)	(25)	(497)	(1,383)	-	(388)	(3,154)
Total PC 24 Aliso Creek Ocean Outfall	(1,429)	-	-	(2,118)	(101)	(2,047)	(5,697)	-	(1,599)	(12,992)
Total Small Capital Cash	119,705	(2,159)	24,747	4,977	9,309	(2,047)	296,470	6,112	141,295	598,408

Agenda Item

5.G.

Board of Directors Meeting

Meeting Date: July 6, 2023

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

Summary/Discussion

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

1. Monthly Operational Report

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

2. SOCWA Ocean Outfall Discharges by Agency

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

3. Beach Ocean Monitoring Report

4. Recycled Water Report

5. Pretreatment Report

Fiscal Impact

No change.

Recommended Action: Receive and file the Operational Reports.

Monthly Operational Report

SOCWA Operational Report May, 2023

Excursion, Complaint, and Violation Events

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

Plant Wastewater Billing Characteristics

Key Parameters	CTP	RTP	JBL TP1	JBL TP2	Totals
Influent (mgd) (1)	2.99	7.19	5.97	0.95	17.09
Effluent (mgd)	2.68	2.90	5.97	2.48	14.03
Peak Flow (mgd)	12.69	14.85	10.68	7.24	45.46
Influent BOD (mg/l)	301	300	324	426	
Influent TSS (mg/l)	352	355	403	438	
Effluent BOD (mg/l)	3.8	5.5	21.7	9.3	
Effluent TSS (mg/l)	5.8	6.6	38.3	13.2	
Effluent Turbidity (NTU)	2.3	2.6	10.7	3.9	

(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)	0.62	4.28		4.91
Days of Operation (days)	31	31		
Total Flow (million gallons)	19.3	132.8		152.1
Plant Irrigation (million gallons)	0.02	0.03	0.26	
AWT Time Online (%)	98%			

Wastewater Unit Definitions

mgd = million gallons per day

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

NTU = Nephelometric Turbidity Units

SOCWA Operational Report May, 2023 (cont'd)

Biosolids Management

Biosolids Management Site	CTP	RTP	JBL	Totals
Synagro Compost (tons)		779.4	0.0	779.4
Nursery Products (tons)		426.9	502.5	929.4
Prima Deshecha (tons)		41.7	238.4	280.0
Other: _____ (tons)		0.0	0.0	0.0
Total Processed (tons)		1,248.0	740.9	1,988.8

Summary of Maintenance Activities

Task Type	CTP	RTP	JBL	Totals
Preventative Maintenance	168	244	192	604
Corrective Maintenance	23	51	52	126

Site Visitors

Visitor Types	CTP	RTP	JBL	Totals
Regulatory	0	0	0	0
Member Agency	1	0	1	2
Residents	0	0	0	0
Others	10	8	6	24
Tours #/Visitors	1	0	0	1

Grit Disposal Management

Grit & Screenings	CTP	RTP	JBL	Totals
Simi Valley Landfill (tons)	8.8	27.2	NA	35.9

Chemical and Energy Utilization

Chemical/Utility	CTP	RTP	JBL	Totals
Ferric Chloride (tons)	NA	26.8	NA	26.8
Utility Power Purchase (kWh)	193,925	18,212	188,963	401,100
Cogen Power (kWh)		615,969	447,635	1,063,604
Natural Gas (Dth)	15	NA	1,277	1,292
Digester Gas to Engine (scfm)		9,620,979	5,475,758	15,096,737
Digester Gas to Boiler (scfm)		0		0
Digester Gas to Flares (scfm)		109,301	182,525	291,826
Digester Gas Power Savings		\$90,471		

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 May, 2023 (cont'd)

Agency Wastewater Flows to SOCWA by Facility (Including Internal Waste Streams Used for Billing)

Agency	CTP (mgd)	CTP (%)	RTP (mgd)	JBL (mgd)	JBL (%)	Total (mgd)
CLB	1.805	57.98%				1.81
EBS	0.069	2.22%				0.07
SCWD	1.239	39.81%		1.679	24.26%	2.92
MNWD	0.000	0.00%	7.19	1.400	20.22%	8.59
CSJC				2.131	30.78%	2.13
SMWD				1.713	24.74%	1.71
Total	3.113	100.00%	7.19	6.922	100.00%	17.22

Total Agency Outfall Flows by Outfall System-Billing Flows

Agency	SJCOO (mgd)	SJCOO (%)	SJCOO Meter (mgd)	ACOO (mgd)	ACOO (%)	Total (mgd)	Notes
CLB				1.81	14.37%	1.81	
EBS				0.07	0.55%	0.07	
SCWD	1.91	19.06%		0.68	5.38%	2.59	Includes Desalters
MNWD	1.45	14.46%		2.90	23.10%	4.35	
ETWD				2.61	20.81%	2.61	Direct Outfall Only
CSJC	2.13	21.22%				2.13	Incudes Desalter
SMWD	1.74	17.34%				1.74	Includes Chiquita
CSC	2.80	27.92%				2.80	Direct Outfall Only
IRWD				4.50	35.79%	4.50	Direct Outfall Only
Total	10.04	100.00%	17.88	12.56	100.00%	22.60	

SOCWA Operational Report May, 2023 (cont'd)

FY Flow/Solids Summary-Billing

Project Committee No. 2 Liquids (JBL)

Agency	Own (mgd)	Own (%)	Budget (mgd)	Budget (%)	Month (mgd)(1)	Month (%)	FY Avg to Date (mgd)	FY Avg to Date (%)
CSJC	4.00	30.77%	2.210	26.25%	2.131	30.78%	2.19	29.71%
MNWD	3.00	23.08%	1.400	16.63%	1.400	20.22%	1.40	19.02%
SCWD	3.75	28.85%	1.610	19.12%	1.679	24.26%	1.71	23.19%
SMWD	2.25	17.31%	3.200	38.00%	1.713	24.74%	2.07	28.08%
Total	13.00	100.00%	8.420	100.00%	6.922	100.00%	7.36	100.00%

Project Committee No. 2 Solids (JBL)

Agency	Own (lbs/d)	Own (%)	Budget (lbs/d)	Budget (%)	Month (lbs/d)	Month (%)	36 Month Rol. Avg. (lbs/d) (2)	36 Month Rol. Avg. (%)
CSJC	11,572	30.00%	5,884	22.54%	6,141	34.31%	6,456	24.40%
MNWD	8,340	21.62%	6,169	23.63%	3,911	21.85%	5,936	22.44%
SCWD	7,715	20.00%	5,584	21.39%	3,066	17.12%	5,584	21.10%
SMWD	10,946	28.38%	8,473	32.45%	4,784	26.73%	8,482	32.06%
Total	38,573	100.00%	26,110	100.00%	17,902	100.00%	26,458	100.00%

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

Agency	Own (%)	Budget (mgd)	Budget (%)	Month (mgd)	Month (%)	FY Avg to Date (mgd)	FY Avg to Date (%)
CSC	16.63%	13.300	16.63%	2.804	27.92%	2.765	24.64%
CSJC	11.08%	8.860	11.08%	2.131	21.22%	2.356	21.00%
MNWD(3)	15.51%	12.410	15.51%	1.452	14.46%	2.096	18.68%
SCWD	12.46%	9.970	12.46%	1.914	19.06%	1.895	16.89%
SMWD	44.32%	35.460	44.33%	1.742	17.34%	2.108	18.79%
Total	100.00%	80.000	100.00%	10.042	100.00%	11.220	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 May, 2023 (cont'd)

FY Flow/Solids Summary-Billing (cont'd)

Project Committee No. 15 (CTP)

Agency	Own (mgd)	Own (%)	Budget (mgd)	Budget (%)	Month (mgd)	Month (%)	FY Avg to Date (mgd)	FY Avg to Date (%)
CLB	2.54	37.91%	1.496	55.22%	1.805	57.98%	1.512	54.57%
EBS	0.20	2.99%	0.060	2.21%	0.069	2.22%	0.062	2.22%
SCWD	2.00	29.85%	1.153	42.56%	1.239	39.81%	1.198	43.21%
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%	3.113	100.00%	2.772	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	0.0144	0.0144	0.1966%	0.0127	0.1667%
EBS	0.00001	0.0001%	0.0000	0.0005	0.0005	0.0075%	0.0005	0.0068%
SCWD	0.00427	0.0562%	0.0000	0.0099	0.0099	0.1350%	0.0102	0.1333%
ETWD	0.01562	0.2055%	0.0000	0.0159	0.0159	0.2185%	0.0177	0.2310%
MNWD	7.57236	99.6439%	7.1858	0.0722	7.2580	99.4423%	7.6048	99.4622%
Total	7.59942	100.0000%	7.1858	0.1129	7.2988	100.0000%	7.6459	100.0000%

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

SOCWA Operational Report May, 2023 (cont'd)

FY Flow/Solids Summary (cont'd)

Project Committee No. 17 Solids (RTP)

Agency	Own (lbs/d)	Own (%)	Budget (lbs/d)	Budget (%)	Total Month (lbs)	Total Month (%)	FY Avg Total to Date (lbs)	FY Avg Total to Date (%)
CLB	5,605	11.22%	4,406	11.89%	155,598	12.71%	126,036	11.87%
EBSD	295	0.59%	177	0.48%	5,945	0.49%	5,144	0.48%
SCWD	4,480	8.96%	3,392	9.16%	106,830	8.72%	100,915	9.50%
ETWD	10,200	20.41%	5,305	14.32%	172,905	14.12%	172,814	16.27%
MNWD	29,395	58.82%	23,769	64.16%	783,173	63.96%	657,101	61.87%
Total	49,975	100.00%	37,049	100.00%	1,224,451	100.00%	1,062,011	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%	1.805	14.37%	1.512	12.66%
EBSD	0.78%	0.390	0.78%	0.069	0.55%	0.062	0.51%
ETWD	16.30%	8.151	16.30%	2.614	20.81%	2.618	21.92%
IRWD	15.76%	7.880	15.76%	4.495	35.79%	3.291	27.55%
MNWD	43.85%	21.924	43.85%	2.902	23.10%	3.760	31.48%
SCWD	12.31%	6.155	12.31%	0.676	5.38%	0.702	5.87%
Total	100.00%	50.000	100.00%	12.561	100.00%	11.946	100.00%

SOCWA Operational Report May 2023 (cont'd)

Select Critical Equipment Repairs

JBL - PC2

Rebuilt worn sunshade of the cogen gas skid.
Replaced leaking grit discharge piping.
Rebuilt the WAS #2 Pump that was starting to fail.
Replaced worn drive shafts for RSP Nos. 1, 2, and 3.
Troubleshoot leaking sludge valve at Plant #2.
Replaced failed tubing for the Digester #2 gas-level bubbler.
Troubleshoot the waste gas burner ignition system that would not ignite.
Replaced failed Scrubber #1 Stage #1 Recirculation Pump.

CTP - PC15

Work with the County to uncover the sludge export line road and other access covers.
Work with the County to remedy the debris buildup along the paved access road in the burn scar areas.
Overhauled the failing arms and skimming blades on the North DAFT.
Jetted the clogged scrubber drain.
Replaced the failing West-West Grit Valve.
Replaced the failing North DAFT air compressor.

RTP - PC17

Replaced failed fan belts for the Building #40 Fresh Air Fans 41441 and 16.
Replaced 40 feet of leaking buried natural gas pipe near the waste gas burner.
Repaired Hopper Cross Conveyor #2, which had failed barrings.
Overhauled Centrifuge #3
Replaced failing handrailing on the aeration deck.
Replaced failing RAS Pump #55 Check Valve
Repaired a 3WHP water leak near the mannich polymer tank.
Troubleshoot failing Scrubber #3 Stage #1 recirculation pump.
Worked with the City of Laguna Niguel on the impacts to traffic for Plant due to a landslide on La Paz Road.

Support Services - ALL PC'S

Replaced failed Aeration Tank Downflow Meter #2/Tank #6 flow meter at JBL.
Replaced failed level transmitter for Headwork #2 at JBL.
Troubleshoot the nitrate meter for Plant #2 at JBL.
Troubleshoot the boiler recirculation pump that was not pumping at JBL.
Replaced failing motor on RSP #7 at JBL.
Replaced failed starter on Blower #5 at JBL.
Troubleshoot the air control valve for Aeration Tank #5 at JBL.
Troubleshoot a failed bleed-off valve for DAFT#2 air compressor that was causing the compressor to shut off at JBL.

SOCWA Operational Report May 2023 (cont'd)

Select Critical Equipment Repairs (cont'd)

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

Troubleshoot the West Grit Pump and breaker that had an unbalanced supply current issue and was faulting at CTP.

Troubleshoot errors occurring on the Sludge Export EQ tank level sensor at CTP.

Troubleshoot the Secondary West #3 skimmer breaker that was tripping on overcurrent at CTP.

Troubleshoot the Building #13 Air Compressor breaker settings at CTP.

Repaired the failed H-O-A switch for Fresh Air Fan #7 at CTP.

Troubleshoot a high NOx reading on the Cogen Engine at RTP.

Troubleshoot the heat pump system stainer that caused the Cogen Engine to shut down at RTP.

Repaired a leak on the Waste Heat Loop Pump #2.

Repaired the failed HVAC unit for the Centrifuge Room in Building #40 at RTP.

Prepare Centrifuge #2 for overhaul at RTP.

Troubleshoot the Polymer system controller display that was not reading correctly at RTP.

Troubleshoot the Primary Skimmer #6 breaker that was tripping the equipment offline at RTP.

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

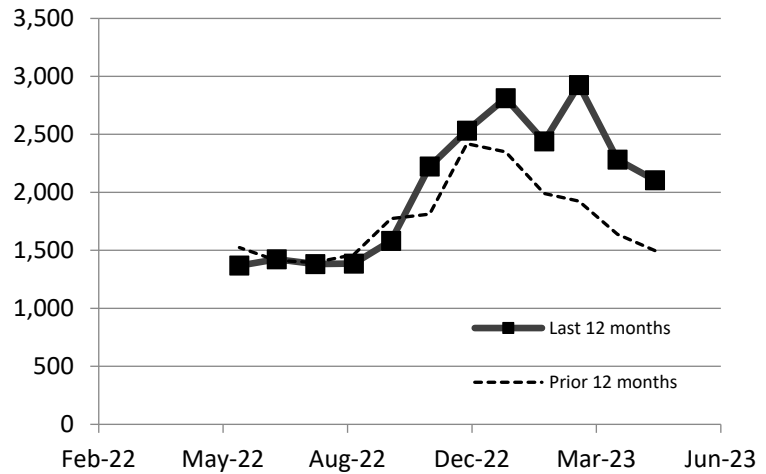
SOCWA Ocean Outfall Discharges by Agency

SOCWA Operational Report May, 2023 (cont'd)

Agency	SJCOO (mgd)	SJCOO (%)	ACOO (mgd)	ACOO (%)	Total (mgd)
CLB			1.81	14.37%	1.81
EBSD			0.07	0.55%	0.07
SCWD	1.91	19.06%	0.68	5.38%	2.59
MNWD	1.45	14.46%	2.90	23.10%	4.35
ETWD			2.61	20.81%	2.61
CSJC	2.13	21.22%			2.13
SMWD	1.74	17.34%			1.74
CSC	2.80	27.92%			2.80
IRWD			4.50	35.79%	4.50
Total	10.04	100.00%	12.56	100.00%	22.60
or Acre-Feet per year equivalent					25,315

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

May-23	2,105
Apr-23	2,282
Mar-23	2,926
Feb-23	2,440
Jan-23	2,812
Dec-22	2,532
Nov-22	2,224
Oct-22	1,582
Sep-22	1,386
Aug-22	1,382
Jul-22	1,422
Jun-22	1,369
Total	24,462



Beach / Ocean Monitoring Report

ALISO CREEK OCEAN OUTFALL MONITORING REPORT

May 2023

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 MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	FLOW MGD	FLOW MGD	MGD	inches
05/01/23	3.461	14.0	8.6	<0.1	2.033	15.0		0.1	3.110	8.8	6.0	<0.1	2.775	3.0	2.0	<0.1	0.787	0.486	0.130	12.782	0.00
05/02/23	3.450	5.3	22.0	<0.1	1.862	10.7	6.0	0.1	2.37	7.0	7.0	0.1	2.617	7.4	4.0	<0.1	0.776	0.480	0.130	11.685	0.00
05/03/23	3.467	10.0	23.0	0.1	1.113	8.3	4.7	<0.1	1.770	6.4	5.0	0.1	2.498	9.4	3.0	<0.1	0.384	0.479	0.132	9.843	0.00
05/04/23	3.444	13.0	9.1	0.2	3.757	12.0	5.7	<0.1	1.090	10.4	4.0	0.1	2.531	1.8	2.0	0.1	0.390	0.479	0.164	11.855	0.60
05/05/23	3.469	25.0	13.0	0.2	3.621	13.5	5.0	<0.1	3.070	6.2	4.0	0.1	2.813	8.8	7.0	0.1	0.585	0.517	0.141	14.216	0.00
05/06/23	3.442	12.0		<0.1	2.921	14.5	8.1	<0.1	4.650	4.8	5.0		3.007	6.2	5.0		0.764	0.509	0.119	15.412	0.00
05/07/23	3.466	13.0	8.4	0.1	2.984	19.3	9.5	<0.1	5.380	6.2	5.0	<0.1	2.870	5.6	4.0	<0.1	0.765	0.510	0.114	16.089	0.00
05/08/23	3.466	53.0	22.0	0.2	2.004	13.3		<0.1	4.760	5.8	5.0	<0.1	2.814	1.0	2.0	0.1	0.764	0.508	0.144	14.460	0.00
05/09/23	3.455	13.0	23.0	0.2	2.401	17.0	9.4	0.1	1.950	6.4	8.0	0.1	2.246	7.8	5.0	0.1	0.763	0.509	0.132	11.456	0.00
05/10/23	3.454	13.0	18.0	0.2	2.213	12.8	7.1	0.1	4.180	6.0	5.0	0.1	2.259	6.6	5.0	0.1	0.393	0.508	0.123	13.130	0.00
05/11/23	3.478	8.8	6.2	0.2	3.726	17.3	9.0	0.1	2.870	6.2	13.0	<0.1	2.235	1.8	3.0	0.1	0.387	0.507	0.146	13.349	0.00
05/12/23	3.456	21.0	12.0	0.2	2.128	19.0	9.2	0.2	2.950	5.8	3.0	0.1	2.171	7.8	5.0	0.1	0.705	0.517	0.145	12.072	0.00
05/13/23	3.455	21.0		0.2	1.450	17.3	11.7	0.1	2.810	6.0	5.0		2.385	5.6	3.0		0.777	0.507	0.135	11.519	0.00
05/14/23	3.358	22.0	7.3	0.2	4.259	21.3	9.1	0.2	3.050	5.4	4.0	<0.1	2.489	6.6	4.0	<0.1	0.776	0.507	0.111	14.550	0.00
05/15/23	3.392	16.0	7.5	0.1	3.832	21.7		0.2	3.190	6.8	5.0	0.1	2.562	2.2	4.0	<0.1	0.776	0.494	0.129	14.375	0.00
05/16/23	3.379	19.0	8.5	0.2	3.273	18.5	12.1	0.1	2.160	7.8	2.0	0.2	2.530	9.0	4.0	<0.1	0.776	0.512	0.133	12.763	0.00
05/17/23	3.389	15.0	7.6	0.3	3.170	19.0	12.3	0.2	2.100	7.8	4.0	0.1	2.335	8.8	6.0	<0.1	0.555	0.486	0.137	12.172	0.00
05/18/23	3.404	20.0	20.0	0.2	2.693	21.3	11.0	<0.1	1.190	6.8	4.0	0.1	2.542	6.4	3.0	0.1	0.753	0.477	0.142	11.201	0.00
05/19/23	3.413	16.0	14.0	0.2	2.711	23.3	11.5	<0.1	1.140	7.0	5.0	<0.1	2.569	5.6	4.0	<0.1	0.776	0.365	0.132	11.106	0.00
05/20/23	3.446	19.0		0.1	1.394	13.7	8.8	<0.1	0.930	5.8	4.0		2.520	7.8	4.0		0.749	0.427	0.141	9.607	0.00
05/21/23	3.455	19.0	6.5	0.2	3.686	16.7	7.3	<0.1	2.780	7.8		<0.1	2.655	6.2		<0.1	0.546	0.496	0.115	13.733	0.00
05/22/23	3.466	19.0	8.2	0.1	1.313	15.7		0.1	4.200	6.2	9.0	<0.1	2.607	1.6	<2.0	<0.1	0.392	0.487	0.141	12.606	0.00
05/23/23	3.454	14.0	8.4	0.2	3.401	18.3	7.4	0.1	2.270	7.0	9.0	0.1	2.619	7.8	4.0	<0.1	0.203	0.483	0.130	12.560	0.02
05/24/23	3.514	18.0	7.4	0.2	2.511	18.0	9.4	0.1	2.780	5.8	7.0	0.1	2.590	5.6	<4.0	<0.1	0.239	0.353	0.129	12.116	0.02
05/25/23	3.524	15.0	7.5	0.2	2.695	9.0	7.3	<0.1	3.070	5.2	4.0	0.1	2.641	4.8	2.0	0.1	0.388	0.446	0.143	12.907	0.00
05/26/23	3.518	15.0	7.8	0.2	2.036	17.0	8.8	<0.1	3.470	5.8	3.0	0.2	2.393	5.6	4.0	<0.1	0.391	0.518	0.142	12.468	0.00
05/27/23	3.488	16.0		0.1	2.963	3.2	3.9	<0.1	2.140	6.6	13.0		2.623	5.8	4.0		0.392	0.513	0.123	12.242	0.00
05/28/23	3.460	14.0	8.1	0.2	2.770	18.3	9.6	<0.1	3.700	5.0	6.0	0.1	2.704	4.2	4.0	<0.1	0.391	0.503	0.137	13.665	0.00
05/29/23	3.459	15.0	7.3	<0.1	2.765	13.0		0.1	4.790	7.4	4.0	0.1	2.216	6.2	2.0	0.1	0.392	0.503	0.122	14.247	0.00
05/30/23	3.355	16.0	9.1	0.2	1.181	12.0	9.1	<0.1	2.650	5.8	4.0	0.1	2.513	5.8	4.0	0.1	0.391	0.502	0.145	10.737	0.09
05/31/23	3.314	15.0	8.7	0.1	2.164	13.3	7.6	0.1	3.400	7.8	4.0	0.1	2.715	6.4	4.0	<0.1	0.387	0.501	0.119	12.600	0.00
AVG	3.444	16.9	11.5	<0.2	2.614	15.6	8.5	<0.1	2.902	6.6	5.5	<0.1	2.550	5.8	3.8	<0.1	0.565	0.487	0.133	12.694	
TOTAL	106.75				81.03				89.97				79.04				17.51	15.09	4.126	393.52	0.73

Unified Beach Monitoring

#1

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: May 2023
 REPORT DUE: July 1 2023
 SAMPLE SOURCE: Surf zone
 TYPE OF SAMPLE: Grab

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

Tidal Condition: High Tide 07:15
 Weather: Drizzle
 COMMENTS: Duplicate at S-5

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	05/01/23	07:53	200	30	4	None	None	None	None	Green	60	Clear		
S4	05/01/23	10:22	20	<10	<2	None	None	None	None	Green		Clear		
S5	05/01/23	10:08	20	<10	<2	None	None	None	None	Green		Clear		
S6	05/01/23	09:30	100	<10	<2	None	None	None	None	Green		Clear		
WEST	05/01/23	09:25	20	10	<2	None	None	None	None	Green		Clear		
S7	05/01/23	09:20	<10	<10	<2	None	None	None	None	Green		Clear		
S8	05/01/23	09:08	30	<10	<2	None	None	None	None	Green		Clear		
S9	05/01/23	09:04	40	<10	<2	None	None	None	None	Green		Clear		
ACM1	05/01/23	08:53	50	<10	2	None	None	None	None	Green		Slightly Turbid		
S10	05/01/23	08:33	10	<10	<2	None	None	None	None	Green		Clear		
S11	05/01/23	08:24	30	<10	4	None	None	None	None	Green		Clear		
S12	05/01/23	08:17	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 Monitoring

#2

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

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

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

Tidal Condition: Low Tide 05:53

Weather: Overcast

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	05/08/23	07:40	<10	<10	6	None	None	None	None	Blue	59	Clear		
S4	05/08/23	09:36	10	<10	<2	None	None	None	None	Blue		Clear		
S5	05/08/23	09:28	<10	<10	<2	None	None	None	None	Blue		Clear		
S6	05/08/23	09:06	100	<10	<2	None	None	None	None	Blue		Clear		
WEST	05/08/23	09:10	<10	<10	<2	None	None	None	None	Blue		Clear		
S7	05/08/23	09:15	10	10	2	None	None	None	None	Blue		Clear		
S8	05/08/23	08:58	130	90	86	None	None	None	None	Blue		Clear		
S9	05/08/23	08:52	<10	<10	2	None	None	None	None	Blue		Clear		
ACM1	05/08/23	08:28	1600	450	58	None	None	None	None	Blue		Clear	Flowing	
S10	05/08/23	08:18	40	30	2	None	None	None	None	Blue		Clear		
S11	05/08/23	08:15	10	20	2	None	None	None	None	Blue		Clear		
S12	05/08/23	08:10	20	<10	<2	None	None	None	None	Blue		Clear		

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

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

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

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

Tidal Condition: High Tide 08:28
 Weather: Overcast
 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	05/17/23	07:55	10	10	2	None	None	None	None	Green	55	Clear		
S4	05/17/23	10:35	<10	<10	<2	None	None	None	None	Green		Clear		
S5	05/17/23	10:10	<10	<10	<2	None	None	None	None	Green		Clear		
S6	05/17/23	09:50	10	<10	2	None	None	None	None	Green		Clear		
WEST	05/17/23	09:45	<10	<10	2	None	None	None	None	Green		Clear		
S7	05/17/23	09:35	10	<10	2	None	None	None	None	Green		Clear		
S8	05/17/23	09:25	20	<10	<2	None	None	None	None	Blue		Clear		
S9	05/17/23	09:15	20	<10	<2	None	None	None	None	Green		Clear		
ACM1	05/17/23	08:50	50	10	38	None	None	None	None	Green		Clear		
S10	05/17/23	08:45	100	30	10	None	None	None	None	Green		Clear		
S11	05/17/23	08:35	20	<10	2	None	None	None	None	Green		Clear		
S12	05/17/23	08:25	50	70	<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.

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

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

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

Tidal Condition: Low Tide 06:41
 Weather: Overcast
 COMMENTS:

STA#	DATE	TIME	Total Coliform	Fecal Coliform	Enterococcus	Material of Sewage Origin		Oil & Grease	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			CFU/100ml SM9222B	CFU/100ml SM9222D	CFU/100ml EPA 1600	Onshore	Offshore							
S3	05/23/23	08:05	10	<10	40	None	None	None	None	Green	61	Clear		
S4	05/23/23	10:30	10	<10	<2	None	None	None	None	Green		Clear		
S5	05/23/23	10:10	300	100	10	None	None	None	None	Green		Clear		
S6	05/23/23	09:55	<10	<10	8	None	None	None	None	Green		Clear		
WEST	05/23/23	09:50	10	<10	<2	None	None	None	None	Green		Clear		
S7	05/23/23	09:40	730	550	<2	None	None	None	None	Green		Clear		
S8	05/23/23	09:30	80	<10	8	None	None	None	None	Blue		Clear		
S9	05/23/23	09:20	90	10	10	None	None	None	None	Green		Clear		
ACM1	05/23/23	09:10	240	40	44	None	None	None	None	Green		Slightly Turbid	Flowing	
S10	05/23/23	08:45	100	<10	10	None	None	None	None	Green		Clear		
S11	05/23/23	08:35	120	<10	<2	None	None	None	None	Green		Clear		
S12	05/23/23	08:30	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.

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

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

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

Tidal Condition: High Tide 07:20

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	05/31/23	07:40	10	<10	<2	None	None	None	None	Blue	60	Clear		
S4	05/31/23	09:35	<10	10	<2	None	None	None	None	Blue		Clear		
S5	05/31/23	09:27	<10	10	<2	None	None	None	None	Blue		Clear		
S6	05/31/23	09:18	<10	10	<2	None	None	None	None	Blue		Clear		
WEST	05/31/23	09:13	<10	10	<2	None	None	None	None	Blue		Clear		
S7	05/31/23	09:08	30	10	<2	None	None	None	None	Blue		Clear		
S8	05/31/23	09:10	100	<10	<2	None	None	None	None	Blue		Clear		
S9	05/31/23	08:47	10	20	2	None	None	None	None	Blue		Clear		
ACM1	05/31/23	08:18	<10	<10	2	None	None	None	None	Blue		Clear		
S10	05/31/23	08:12	<10	<10	<2	None	None	None	None	Blue		Clear		
S11	05/31/23	08:06	<10	<10	<2	None	None	None	None	Blue		Clear		
S12	05/31/23	08:03	10	60	2	None	None	None	None	Blue		Clear		

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

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



Aliso Creek Ocean Outfall

Unified Beach Water Quality Monitoring Stations

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

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

MONITORING REPORT

Off Shore Stations

South Orange County Wastewater Authority

DISCHARGE: Aliso Creek Ocean Outfall

REPORT FOR: May 2023

REPORT FREQUENCY: Monthly

REPORT DUE: July 1, 2023

SAMPLE SOURCE: Receiving water, nearshore and offshore

SAMPLING FREQUENCY: Monthly

EXACT SAMPLE POINTS: As specified in permit

TYPE OF SAMPLE: Grab

SAMPLES COLLECTED BY: Seaventures/SOCWA staff

SAMPLES ANALYZED BY: SOCWA Lab

Comments: High Tide 06:39

Sta No.	Sample Depth	Sample Date	Total Coliform CFU/100ml SM9222B	Fecal Coliform CFU/100ml SM9222D	Entero-coccus CFU/100ml EPA 1600	Sample Time	Oil & Grease	Sewage Debris	0 - None 1 - Mild 2 - Moderate 3 - Severe
A-1	Surface	05/15/23	<2	<2	<2	09:55	0	0	
A-1	Mid depth	05/15/23	<10	<10	<10				
A-2	Surface	05/15/23	<2	<2	<2	09:29	0	0	
A-2	Mid depth	05/15/23	<10	<10	<10				
A-3	Surface	05/15/23	<2	<2	<2	09:38	0	0	
A-3	Mid depth	05/15/23	<10	<10	<10				
A-4	Surface	05/15/23	<2	<2	<2	10:03	0	0	
A-4	Mid depth	05/15/23	<10	<10	<10				
A-5	Surface	05/15/23	<2	<2	<2	09:45	0	0	
A-5	Mid depth	05/15/23	<10	<10	<10				
B-1	Surface	05/15/23	6	<2	<2	09:18	0	0	
B-1	Mid depth	05/15/23	<10	<10	<10				
B-2	Surface	05/15/23	<2	<2	<2	10:11	0	0	
B-2	Mid depth	05/15/23	<10	<10	<10				
N1	Surface	05/15/23	<2	<2	<2	10:55	0	0	
N2	Surface	05/15/23	<2	<2	<2	10:52	0	0	
N3	Surface	05/15/23	<2	2	<2	10:49	0	0	
N4	Surface	05/15/23	<2	<2	<2	10:46	0	0	
N5	Surface	05/15/23	<2	<2	<2	10:43	0	0	
N6	Surface	05/15/23	<2	2	<2	10:39	0	0	
N7	Surface	05/15/23	<2	<2	<2	10:36	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 2023**

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



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

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

SAN JUAN CREEK OCEAN OUTFALL MONITORING REPORT

May 2023

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
05/01/23	7.500	27.2	17.9	0.1	3.393	9.0	7.0	<0.1	0.000				0.010	5.0	3.6	<0.1	0.000	0.097	11.450	0.00
05/02/23	7.830	33.1		<0.1	1.338	7.6	8.0	<0.1	0.000				0.007	3.6	3.5	<0.1	0.000	No Flow	11.450	0.00
05/03/23	7.920	16.4	10.3	0.1	4.604	7.2	7.0	<0.1	0.023	2.2	1.7	<0.1	0.606	7.8	5.8	<0.1	0.000	1.082	11.490	0.00
05/04/23	7.840	8.7	9.2	0.1	2.533	6.6	8.0	<0.1	0.000				0.257	4.4	4.0	<0.1	0.000	1.023	12.560	0.60
05/05/23	7.710	9.6	9.9	0.1	2.679	5.3	5.0	<0.1	0.000				0.006	6.2	6.0	<0.1	0.000	0.169	12.550	0.00
05/06/23	7.380	11.4	10.2		2.786		6.0		0.000				0.029				0.000	0.199	11.340	0.00
05/07/23	7.440	13.8	14.6	<0.1	3.025				0.000				0.043				0.000	0.194	11.540	0.00
05/08/23	7.840	23.0	6.7	0.1	2.676	6.0	5.0	<0.1	0.000				0.003	8.4	6.2	<0.1	0.000	0.195	11.850	0.00
05/09/23	7.820	15.2	13.7	0.2	3.086	6.5	8.0	<0.1	0.000				0.011	6.6	5.8	<0.1	0.000	0.194	11.700	0.00
05/10/23	8.020	20.6	13.3	0.1	2.623	7.4	6.0	<0.1	0.028	2.6	3.1	<0.1	0.020	5.2	4.8	<0.1	0.000	0.198	11.660	0.00
05/11/23	7.780	13.7	9.4	0.2	2.419	9.1	6.0	<0.1	0.001	3.1	3.0	<0.1	0.112	5.0	4.5	<0.1	0.000	0.187	11.120	0.00
05/12/23	8.030	21.0	27.1	0.4	2.044	10.0	7.0	<0.1	0.000				0.006	6.6	5.2	<0.1	0.000	0.187	11.090	0.00
05/13/23	7.820	25.8	13.9		2.825		8.0		0.000				0.009				0.000	0.191	11.080	0.00
05/14/23	8.090	42.2	28.3	<0.1	2.730				0.000				0.147				0.000	0.187	11.400	0.00
05/15/23	8.130	48.6	26.0	0.1	2.607	8.3	9.0	<0.1	0.000				0.007	4.6	2.4	<0.1	0.000	0.187	11.490	0.00
05/16/23	8.080	43.9	25.1	<0.1	2.562	9.6	7.0	<0.1	0.012	1.8	5.2	<1.0	0.005	6.2	5.0	<0.1	0.000	0.187	11.160	0.00
05/17/23	8.020	25.7	13.7	0.1	2.285	9.1	7.0	<0.1	0.644	4.0	3.0	1.2	0.013	7.4	5.8	<0.1	0.000	0.187	10.880	0.00
05/18/23	8.030	21.9	11.6	0.1	2.357	10.0	8.0	<0.1	0.000				0.015	9.0	6.8	<0.1	0.000	0.187	11.510	0.00
05/19/23	7.910	13.9	9.9	<0.1	2.784	9.8	8.0	<0.1	0.000				0.006	11.0	7.9	<0.1	0.000	0.192	11.500	0.00
05/20/23	7.830	19.0	10.8		2.782		9.0		0.000				0.012				0.000	0.187	11.330	0.00
05/21/23	7.760	29.4		<0.1	3.008				0.000				0.011				0.000	0.187	11.600	0.00
05/22/23	8.000	18.0	21.7	<0.1	3.083	11.0	12.0	<0.1	0.000				0.012	10.6	8.1	<0.1	0.000	0.183	11.760	0.00
05/23/23	8.140	43.8	23.6	0.3	2.923	10.8	13.0	<0.1	0.000				0.010	11.6	8.8	<0.1	0.000	0.188	11.640	0.02
05/24/23	7.840	40.1	27.3	0.1	3.366	11.5	8.0	<0.1	0.009	4.5	3.7	<0.1	<0.000	10.8	7.6	<0.1	0.000	0.191	11.200	0.02
05/25/23	7.760	26.1	13.9	0.1	3.009	12.3	9.0	<0.1	0.000				0.128	5.8	5.0	<0.1	0.000	0.187	11.280	0.00
05/26/23	8.150	14.0	7.0	0.1	3.300	10.7	8.0	<0.1	0.000				0.036	8.6	6.6	<0.1	0.000	0.187	11.590	0.00
05/27/23	7.930	20.1	18.6		2.466		12.0		0.000				0.017				0.000	0.186	11.030	0.00
05/28/23	7.900	66.3	32.1	0.1	3.066				0.000				0.023				0.000	0.192	11.090	0.00
05/29/23	7.700	101.6	38.4	0.1	2.536	13.8	8.0	0.1	0.000				0.009	7.2	6.0	<0.1	0.000	0.186	11.070	0.00
05/30/23	8.220	104.8	40.4	0.1	3.045	12.3	10.0	<0.1	0.000				0.008	8.4	6.1	<0.1	0.000	0.187	11.870	0.09
05/31/23	8.230	8.1	7.7	0.1	2.974	8.8	7.0	<0.1	0.177	11.0	5.8	<0.1	0.029	18.8	12.0	<0.1	0.000	0.186	11.830	0.00
AVG	7.892	29.9	17.7	<0.1	2.804	9.2	8.0	<0.1	0.029	4.2	3.6	<0.4	0.052	7.8	6.0	<0.1	0.000	0.235	11.487	
TOTAL	244.650				86.914				0.894				1.607				0.000	7.290	356.110	0.73

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

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

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

Tidal Condition: High Tide 08:24
 Weather: Clear
 COMMENTS:

STATION #	DATE	TIME	Total Coliform	Fecal Coliform	Enterococcus	Material of Sewage Origin		Oil & Grease		Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			CFU/100ml	CFU/100ml	CFU/100ml	Onshore	Offshore	Grease	Odor					
S0	05/03/23	09:10	200	60	10	None	None	None	None	Green		Slightly Turbid		
S1	05/03/23	09:30	40	60	2	None	None	None	None	Green		Slightly Turbid		
S2	05/03/23	08:50	20	20	2	None	None	None	None	Green		Slightly Turbid		
DSB5	05/03/23	08:20	520	200	<2	None	None	None	None	Green	60	Slightly Turbid		
S3	05/03/23	09:35	<20	20	<2	None	None	None	None	Green		Slightly Turbid		
DSB4	05/03/23	09:35	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
S5	05/03/23	09:40	20	<20	<2	None	None	None	None	Green		Slightly Turbid		
DSB1	05/03/23	09:45	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
SJC1	05/03/23	08:45	<100	<100	<100	None	None	None	None	Green		Slightly Turbid	Flowing	

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

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

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

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

Tidal Condition: Low Tide 06:54
 Weather: Overcast
 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	CFU/100ml	CFU/100ml	Onshore	Offshore	Grease	Odor					
S0	05/09/23	0917	200	320	260	None	None	None	None	Green		Turbid		
S1	05/09/23	0930	80	20	26	None	None	None	None	Green		Turbid		
S2	05/09/23	1010	<20	<20	2	None	None	None	None	Green		Turbid		
DSB5	05/09/23	0845	320	200	66	None	None	None	None	Green	64	Turbid		
S3	05/09/23	0935	80	60	10	None	None	None	None	Green		Turbid		
DSB4	05/09/23	0935	80	20	20	None	None	None	None	Green		Turbid		
S5	05/09/23	0940	40	<20	2	None	None	None	None	Green		Turbid		
DSB1	05/09/23	0955	<20	<20	4	None	None	None	None	Green		Turbid		
SJC1	05/09/23	0920	1000	600	200	None	None	None	None	Green		Turbid	Flowing	

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

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

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

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

Tidal Condition: High Tide 07:49
 Weather: Overcast
 COMMENTS: Duplicate at S-5

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	05/16/23	09:09	300	280	170	None	None	None	None	Green		Slightly Turbid		
S1	05/16/23	09:05	200	80	44	None	None	None	None	Green		Slightly Turbid		
S2	05/16/23	08:30	20	<20	2	None	None	None	None	Green		Slightly Turbid		
DSB5	05/16/23	08:24	60	<20	2	None	None	None	None	Green		Slightly Turbid		
S3	05/16/23	09:29	60	100	20	None	None	None	None	Green		Slightly Turbid		
DSB4	05/16/23	09:44	40	<20	24	None	None	None	None	Green		Slightly Turbid		
S5	05/16/23	09:40	60	20	22	None	None	None	None	Green	61	Slightly Turbid		
DSB1	05/16/23	09:33	100	60	26	None	None	None	None	Green		Slightly Turbid		
SJC1	05/16/23	08:55	2000	1000	540	None	None	None	None	Green		Slightly Turbid	Flowing	

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

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

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

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

Tidal Condition: Low Tide 05:55
 Weather: Overcast
 COMMENTS:

STATION #	DATE	TIME	Total Coliform	Fecal Coliform	Entero-coccus	Material of Sewage Origin		Oil & Odor		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	05/22/23	0835	400	200	140	None	None	None	None	Green	64	Turbid		
S1	05/22/23	0854	40	40	8	None	None	None	None	Green		Turbid		
S2	05/22/23	0930	20	40	20	None	None	None	None	Green		Turbid		
DSB5	05/22/23	0940	180	<20	38	None	None	None	None	Green	63	Turbid		
S3	05/22/23	0855	40	<20	4	None	None	None	None	Green		Turbid		
DSB4	05/22/23	0855	<20	<20	10	None	None	None	None	Green		Turbid		
S5	05/22/23	0903	20	<20	6	None	None	None	None	Green		Turbid		
DSB1	05/22/23	0910	<20	<20	10	None	None	None	None	Green		Turbid		
SJC1	05/22/23	0836	2000	600	190	None	None	None	None	Green		Turbid	Flowing	

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

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

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

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

Tidal Condition: High Tide 07:20

Weather: Partly Cloudy

COMMENTS:

STATION #	DATE	TIME	Total Coliform	Fecal Coliform	Entero-coccus	Material of Sewage Origin		Oil & Grease		Water	H2O	Water	Water	Birds
			CFU/100ml	CFU/100ml	CFU/100ml	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Outlet	
S0	05/31/23	09:45	800	140	110	None	None	None	None	Green		Slightly Turbid		
S1	05/31/23	09:40	80	<20	6	None	None	None	None	Green		Slightly Turbid		
S2	05/31/23	10:10	20	20	4	None	None	None	None	Green		Slightly Turbid		
DSB5	05/31/23	10:20	100	40	10	None	None	None	None	Green	62	Slightly Turbid		
S3	05/31/23	09:30	20	<20	10	None	None	None	None	Green		Slightly Turbid		
DSB4	05/31/23	09:20	<20	<20	4	None	None	None	None	Green		Slightly Turbid		
S5	05/31/23	09:10	20	<20	2	None	None	None	None	Green		Slightly Turbid		
DSB1	05/31/23	08:50	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
SJC1	05/31/23	09:55	1000	200	160	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: May 2023

REPORT FREQUENCY: Monthly

REPORT DUE: July 1, 2023

SAMPLE SOURCE: Receiving water, nearshore and offshore

SAMPLING FREQUENCY: Monthly

EXACT SAMPLE POINTS: As specified in permit

TYPE OF SAMPLE: Grab

SAMPLES COLLECTED BY: Seaventures/SOCWA staff

SAMPLES ANALYZED BY: SOCWA Lab

Comments: High Tide 07:49 Sea lion at A5

Station No.	Sample Depth	Sample Date	Total Coliform	Fecal Coliform	Entero-coccus	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	05/16/23	44	22	24	09:10	0	0	
A-1	Mid depth	05/16/23	<10	<10	<10				
A-2	Surface	05/16/23	6	<2	<2	09:18	0	0	
A-2	Mid depth	05/16/23	<10	<10	<10				
A-3	Surface	05/16/23	2	<2	<2	09:24	0	0	
A-3	Mid depth	05/16/23	<10	<10	<10				
A-4	Surface	05/16/23	46	28	12	09:36	0	0	
A-4	Mid depth	05/16/23	<10	<10	<10				
A-5	Surface	05/16/23	>=258	186	36	09:30	0	0	
A-5	Mid depth	05/16/23	680	210	50				
B-1	Surface	05/16/23	<2	<2	<2	09:01	0	0	
B-1	Mid depth	05/16/23	<10	<10	<10				
B-2	Surface	05/16/23	<2	<2	<2	09:45	0	0	
B-2	Mid depth	05/16/23	<10	<10	<10				
N1	Surface	05/16/23	20	12	10	08:50	0	0	
N2	Surface	05/16/23	62	22	16	08:46	0	0	
N3	Surface	05/16/23	>=40	12	16	08:40	0	0	
N4	Surface	05/16/23	4	2	2	08:34	0	0	
N5	Surface	05/16/23	6	2	<2	08:30	0	0	
N6	Surface	05/16/23	2	12	2	08:25	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 2023

SJCOO Permit Order No. R9-2022-0005							
Agency	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Potential Fine
SOCWA	4/8/2023	Settleable Solids	Weekly	ml/L	3.0ml/L	Not Reported	\$3,000.00

SOCWA and MEMBER AGENCY FACILITIES
SJCOO Spill / Overflow Report Log - 2023
Order No. R9-2022-0005 ~ NPDES Permit No. CA0107417

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

Waste Discharge Requirement Order 97 - 52

Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Remarks
TCWD - RRWRP	1/3/2023	TDS	12 month	mg/L	1000	1078	
SOCWA - RTP	1/9/2023	TDS	12-Month	mg/L	1000	1274	
SOCWA - RTP	1/9/2023	TDS	Daily Maximum	mg/L	1100	1230	
SOCWA - RTP	1/9/2023	Manganese	12-Month	mg/L	0.05	0.100	
SOCWA - CTP	1/9/2023	Manganese	12-Month	mg/L	0.05	0.130	
MNWD - 3A	1/9/2023	TDS	12-Month	mg/L	1000	1169	
MNWD - 3A	1/9/2023	TDS	Daily Maximum	mg/L	1100	1230	
MNWD - 3A	1/9/2023	Manganese	12-Month	mg/L	0.05	0.08	
TCWD - RRWRP	2/7/2023	TDS	12 month	mg/L	1000	1170	
SOCWA - RTP	2/2/2023	TDS	12-Month	mg/L	1000	1086	
SOCWA - RTP	2/2/2023	TDS	Daily Maximum	mg/L	1100	1390	
SOCWA - RTP	2/2/2023	Manganese	12-Month	mg/L	0.05	0.110	
SOCWA - CTP	2/2/2023	Manganese	12-Month	mg/L	0.05	0.080	
TCWD - RRWRP	3/7/2023	TDS	12 month	mg/L	1000	1083	
SOCWA - RTP	3/2/2023	TDS	12-Month	mg/L	1000	1307	
SOCWA - RTP	3/2/2023	TDS	Daily Maximum	mg/L	1100	1480	
SOCWA - RTP	3/2/2023	Manganese	12-Month	mg/L	0.05	0.110	
SOCWA - CTP	3/2/2023	Manganese	12-Month	mg/L	0.05	0.080	
TCWD - RRWRP	4/4/2023	TDS	12 month	mg/L	1000	1092	
TCWD - RRWRP	4/4/2023	TDS	Daily Maximum	mg/L	1100	1130	
SOCWA - RTP	4/21/2023	TDS	12-Month	mg/L	1000	1325	
SOCWA - RTP	4/21/2023	TDS	Daily Maximum	mg/L	1100	1490	
SOCWA - RTP	4/21/2023	Manganese	12-Month	mg/L	0.05	0.120	
SOCWA - CTP	4/12/2023	Manganese	12-Month	mg/L	0.05	0.080	
MNWD - 3A	4/21/2023	TDS	12-Month	mg/L	1000	1159	
MNWD - 3A	4/21/2023	TDS	Daily Maximum	mg/L	1100	1120	
MNWD - 3A	4/21/2023	Manganese	12-Month	mg/L	0.05	0.08	

Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Remarks
TCWD - RRWRP	5/2/2023	TDS	12 month	mg/L	1000	1083	
SOCWA - RTP	5/9/2023	TDS	12-Month	mg/L	1000	1313	
SOCWA - RTP	5/9/2023	TDS	Daily Maximum	mg/L	1100	1160	
SOCWA - RTP	5/9/2023	Manganese	12-Month	mg/L	0.05	0.120	
SOCWA - CTP	5/9/2023	Manganese	12-Month	mg/L	0.05	0.080	
MNWD - 3A	5/3/2023	TDS	12-Month	mg/L	1000	1138	
MNWD - 3A	5/3/2023	Manganese	12-Month	mg/L	0.05	0.09	

Recycled Water Report

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

QUARTERLY RECYCLED WATER MONITORING

Monitoring Period Ending: May 31, 2023

Constituent	Units	12-month Avg Maximum Permit Limit	TCWD 12-month Average	SMWD Oso 12-month Average	SMWD Chiquita 12-month Average	SMWD Nichols 12-month Average	MNWD-3A 12-month Average	MNWD-RTP 12-month Average	SCWD-CTP 12-month Average ***
TDS	mg/L	1000	1083.00	Offline	953.00	841.00	1138.00	1313.00	1064.00
Chloride	mg/L	375	245.00	Offline	218.00	226.00	222.00	282.00	291.00
Sulfate	mg/L	400	391.00	Offline	292.00	236.00	382.00	388.00	330.00
Sodium	mg/L	None	55.00	Offline	170.00	170.00	-	208.00	173.00
Alkalinity	mg/L	None	-	Offline	-	-	-	294.00	208.00
Adjusted SAR	Ratio	None	4.74	Offline	5.40	5.22	3.85	4.73	4.40
Iron	mg/L	0.3	.00	Offline	.11	.02	.17	.24	.11
Manganese	mg/L	0.05	.01	Offline	.03	.00	0.09	.12	.08
MBAS	mg/L	0.5	ND	Offline	ND	ND	<0.03	<0.05	<0.05
Boron	mg/L	0.75	.31	Offline	.29	.26	.36	.31	.25
Fluoride	mg/L	None	.65	Offline	.65	1.00	.71	.82	.90
Total Organic Carbon	mg/L	None	5.60	Offline	13.10	8.00	1.80	9.90	7.20

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

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

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

Agency	Facility or Region	Jan '23	Feb '23	Mar '23	Apr '23	May '23	Jun '23	Jul '23	Aug '23	Sep '23	Oct '23	Nov '23	Dec '23	Annual Totals
CSJC 1	3-A Plant/MNWD	.00	.00	-1.79	-8.63	.00								-10.42
CSJC 2	Chiquita/SMWD	.29	4.74	.71	25.98	35.03								66.75
CSJC 3	Non-Domestic Well	10.40	27.80	5.70	11.90	20.08								75.88
ETWD	Region 8	16.43	40.04	12.22	89.54	99.75								257.99
IRWD														
4	IRWD - 8	21.73	53.01	10.23	48.46	96.69								230.12
4	IRWD - 9	8.13	22.80	2.69	29.28	44.09								106.99
SCWD	SOCWA CTP	5.64	44.41	9.09	40.22	59.37								158.72
MNWD	JRP	174.19	247.35	149.73	297.08	407.52								1275.87
	3-A Plant	130.46	6.55	.00	57.46	148.14								342.61
5	CTP	1.07	4.00	.00	.00	-32.42								-27.35
SMWD	Oso Creek	Offline	Offline	Offline	Offline	Offline								
	Chiquita	546.20	452.32	555.10	489.33	498.88								2541.84
	Nichols	1.50	1.35	1.52	1.34	1.47								7.17
TCWD	RRWRP	56.19	37.03	34.85	28.41	39.18								195.67
TOTALS		972.23	941.41	780.04	1110.37	1417.78								5221.83

- 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.G.

Legal Counsel Review: No

Meeting Date: July 6, 2023

TO: Board of Directors

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

STAFF CONTACT: Katie Greenwood, Source Control Manager

SUBJECT: Monthly Pretreatment Report – May and June 2023
San Juan Creek Ocean Outfall
NPDES Permit #CA0107417 Order # R9-2022-0005
Aliso Creek Ocean Outfall
NPDES Permit #CA0107611 Order # R9-2022-0006

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:

CSC/SMWD – Prima Deshecha Landfill (PDL) – On February 14, 2022, SOCWA received a 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. A final project treatment design was submitted to SOCWA on October 11, 2022. Staff presented a summary report to the SOCWA Engineering Committee during the November 10, 2022, meeting. Additionally, CSC and SOCWA Staff met with the applicant on March 8, 2023, to further discuss pilot study results and regulatory concerns. Staff issued a denial letter on June 15, 2023.

SCWD – NSWD Permit No. SCWD-N4-010 for Three Arch Bay – Staff are working with SCWD and Three Arch Bay (TAB) Staff to add and reflect three new dry weather diversion connection points. Due to Staff turnover, SCWD and TAB temporarily placed construction design and diversion connection on hold. On May 10, 2023, TAB's Engineer submitted one of three designs for approval. Once fully approved and constructed, SCWD will amend the existing Agreement or create a new Agreement between SCWD and TAB and then a new Permit will be created, or the existing Permit modified prior to the new diversions being connected to sewer facilities.

SCWD - Burnham-Ward Properties LLC - The County of Orange - Dana Point Harbor Revitalization Project – On July 26, 2022, Staff received a SWD Permit Application to discharge water encountered during construction activities over a three-year period. SOCWA provided a response letter to the application on September 19, 2022, stating concerns and a request for additional documentation and monitoring data. The applicant submitted additional monitoring data on January 31, 2023. During an in-person meeting with applicant and its Staff on February 8, 2023, SOCWA relayed the need to further study the impact to its JBL facility, as recommended by the Carollo JBL TP Salt Study, and figure treatment costs should discharge to the sewer commence. The applicant agreed to pay for the additional study and sign a commitment letter

stating such. A scope of work from Carollo Engineering for the model and study was provided on May 11, 2023, to the applicant for review.

MNWD – Mission Viejo County Club – On March 28, 2023, SOCWA received a SWD Permit Application for a fabricated RO treatment plant for removing TDS from tertiary effluent, supplied by MNWD, for reuse as golf-course irrigation water. SOCWA Staff issued a Class IV SWD Permit on June 15, 2023, to allow the discharge of brine and cleaning-in-place (CIP) wastewater associated with the RO treatment plant.

IRWD – SemiQ – On June 15, 2023, Staff issued renewal Class I WD Permit No. IRWD-1-002-06-28. This is a renewal 5-year term permit requiring semi-annual reporting that no categorical wastewaters are discharged. All permit provisions remain the same.

SMWD – ProTab Laboratories – On June 20, 2023, Staff issued renewal Class II WD Permit No. SMWD-2-006-06-28. This is a renewal 5-year term permit requiring semi-annual pumping of a clarifier unit in place of monitoring. All permit provisions remain the same.

Trainings and Committee Meetings Attended

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

On June 14, 2023, Staff completed the annual 8-hr HAZWOPER refresher training in-house.

On June 20, 2023, Staff participated in Clean Water So Cal Board Meeting.

On June 21, 2023, Staff attended the *Seven Habits of Highly Effective PFAS Source-Trackers - Live Webinar* hosted by CWEA.

On June 21, 2023, Staff attended the *Developing and Implementing a PFAS Monitoring Strategies for NPDES Pretreatment Programs and POTWs* hosted by EPA.

Inspections

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

CSC - On June 6, 2023, Staff inspected and sampled South Coast Fashion Jewelry. Findings did not yield any new facility changes. As of June 21st, sampling results are pending.

SMWD - On June 6, 2023, Staff inspected ProTab Laboratories prior to issuance of a renewal permit. Findings did not yield any new facility changes.

IRWD - On June 13, 2023, Staff inspected SemiQ prior to issuing a renewal discharge permit. Findings did not yield any new facility changes. SemiQ remains a Zero-Categorical Industrial User (ZCIU).

Agenda Item

5.H.

Board of Directors Meeting

Meeting Date: July 6, 2023

TO: Board of Directors

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

STAFF CONTACTS: David Baranowski, Director of Engineering

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

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

J.B. Latham Package B

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

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

J.B. Latham Administration Building Roofing Replacement

Replace the shingles on the roof of the administration building and repair damaged wood members:

The work began and was completed this month. The new roofing was removed and damaged wood members were replaced before the new roofing was installed. The fascia around the entire building was replaced.



Photo of roofing 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. Staff are working with an environmental consultant, Dudek, on the planning of the mitigation work that is required by the project permits.

Recommended Action: Information Item.

SOCWA CIP Workplan

Project Number	Project Name	FY 24 Budget	Status	FY 2023/2024				FY 2024/2025			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
PC 2 - J.B. Latham Treatment Plant											
3220/3231/3287	Facility Improvements B	\$ 2,400,000	Construction nearing completion								
32234L	Chlorine Contact Basin Isolation Gates and Structural Rehab	\$ -		D	D	B&A	C	C			
32231C	Process Water Repiping	\$ -		P	P	P					
3216/32225S	Energy Building Upgrades	\$ -		D	D	D	D				
3252	MCC M and G Replacement	\$ 1,000,000	Design underway	B&A	C	C	C	B&A	C	C	C
3234	Centrate Piping Reconstruction	\$ 150,000	Design underway	B&A	C	C					
32226L	Effluent Pump Station Upgrades	\$ 200,000		D	D	D	B&A	C	C	C	C
32233S	Scum Line Replacement	\$ 125,000		D	D	B&A	C	C			
32244S	Digester Gas and Flare Piping Improvements	\$ 75,000				P	P	D	D	D	D
32243L	Plant 2 Headworks Rehabilitation	\$ 200,000				D	D	D	D	B&A	C
32244L	Plant 2 Primary Clarifier Condition Assessment	\$ 50,000					CA				
32243C	SCADA Server Replacement	\$ 200,000									
PC 5 - San Juan Creek Ocean Outfall											
362410	SJCOO Outfall Ballast Repairs	\$ 250,000			P	P	D	D	D	B&A	C
PC 15 - Coastal Treatment Plant											
3541	Export Sludge Environmental Mitigation	\$ -	Mitigation work ongoing	ENV	ENV	ENV	ENV	ENV	ENV	ENV	ENV
35228L	Aeration Diffuser Replacement	\$ 1,250,000	Diffusers delivered	B&A	C	C	C				
3525	Personnel Building Reconstruction	\$ 400,000	Design underway	D	D	B&A	C	C			
35221L	Auxiliary Blower Building Roof	\$ 50,000			B&A	C	C				
3522AL	Drainage Pump Station	\$ 200,000	Conceptual design underway	D	D	D	D	D	D	B&A	C
35235L	Odor Control Scrubber Improvements	\$ 100,000		P	D	D	D				
35245L	Aeration Deck Grating Replacement	\$ 50,000			D	D	B&A	C	C		
35246L	West Primary Sludge Skimmers and Launderers/Weirs	\$ 150,000		D	D	D	D	B&A	C	C	C
35247L	Aeration Blower System Upgrades	\$ 75,000		P	P						
35248L	AWMA Road Repairs	\$ 200,000		P	P	B&A	C	C			
35249L	SCADA Server Replacement	\$ 200,000									

SOCWA CIP Workplan

Project Number	Project Name	FY 24 Budget	Status	FY 2023/2024				FY 2024/2025			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
PC 17 - Regional Treatment Plant											
3742	Aeration System Upgrades	\$ -		P	P						
37241L	Grit/Primary Grating/Gate Replacement	\$ 150,000		D	D	B&A	C	C	C		
37242L	Aeration Influent/Effluent Gate Replacement	\$ 100,000		D	D	D	B&A	C	C	C	
37244C	MCC Replacement/Power System Improvements	\$ 200,000		P	P	D	D	D	D	D	D
37245S	Digester Gas System Improvements	\$ 200,000		D	D	D	D	B&A	C	C	C
37246S	Digester 1 Piping Replacement	\$ 250,000		D	D	D	D	B&A	C	C	C
37247S	Odor Scrubber 1 Replacement	\$ 15,000				P	P				
37243C	SCADA Server Replacement	\$ 200,000									
PC 21 - Effluent Transmission Main											
3105/3106	Air Valve Replacement (D&E)	\$ 75,000	Design underway	D	B&A	C	C				
3101	Trail Bridge Crossing (D)	\$ 150,000	Planning/design underway	P	P	P	P				
PC 24 - Aliso Creek Ocean Outfall											
3480	Internal Seal Replacement	\$ 250,000		C	C						
34241O	ACOO Outfall Ballast Repairs	\$ 250,000			P	P	D	D	D	B&A	C

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

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

Agenda Item

5.I.

Board of Directors Meeting

Meeting Date: July 6, 2023

TO: Board of Directors

FROM: David Baranowski, Director of Engineering

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

Overview

Attached are the updated CIP reports for active construction projects. Please note that there is one new change order for A. Perman Roofing for the PC 2 J.B Latham Administration Building Roofing Replacement project totaling \$14,624.97.

It should be noted that this change order was not presented at the last Engineering Committee meeting because it was received after the last Engineering Committee meeting date. Because this is a very short duration project (1 month), Staff is recommending approval of the change order directly to the Board. Staff notified the PC 2 Engineering Committee members about this change order going directly to the Board. The change order is within the approved contingency for the project.

Project Updates

JBL Package B:

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

JBL Admin Building Roofing Replacement:

The contract has been awarded, and the work is nearing completion.

CTP AWMA Road Guardrail Replacement:

The contract has been awarded, and the staff is working with the contractor to schedule the work.

Recommended Action: Staff recommends that the PC 2 Board approve the following change orders:

- Change Order 1 for \$14,624.97

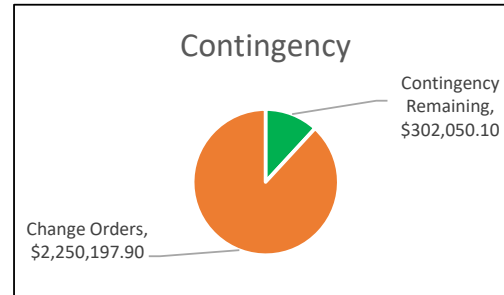
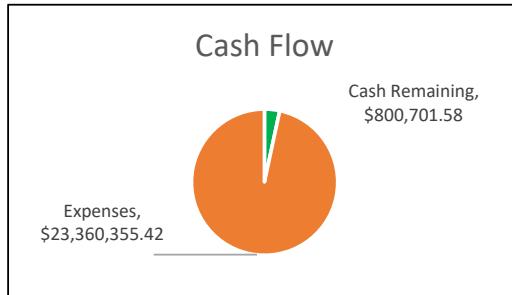
For a total of \$14,624.97 and a revised contract value of \$108,609.97 for the J.B. Latham Administration Building Roofing Replacement Project.

Project Financial Status

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

Data Last Updated

May 30, 2023



Cash Flow

Collected	\$ 24,161,057.00
Expenses	\$ 23,360,355.42

Project Completion

Schedule	100%
Budget	99%

Contracts

Company	PO No.	Original	Change Orders*	Amendments	Total	Invoiced
Olsson	13497	\$ 17,325,000.00	\$ 1,301,867.89		\$ 18,626,867.89	\$ 18,531,868.23
Butier	13647	\$ 895,727.00		\$ 1,005,251.00	\$ 1,900,978.00	\$ 1,891,147.00
Carollo	13616	\$ 846,528.00		\$ 616,037.00	\$ 1,462,565.00	\$ 1,355,554.80
TetraTech	13605	\$ 94,000.00		\$ -	\$ 94,000.00	\$ 93,884.70
Ninyo & Moore	14279	\$ 49,399.00		\$ 30,000.00	\$ 79,399.00	\$ 50,166.27
ADS Environmental	16452	\$ 107,200.00	\$ -		\$ 107,200.00	\$ 61,875.00
Dudek	17401	\$ 48,360.00		\$ -	\$ 48,360.00	\$ 38,440.00
		\$ 19,366,214.00	\$ 1,301,867.89	\$ 1,651,288.00	\$ 22,319,369.89	\$ 22,022,936.00

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

Contingency

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

** Amount reflects contingency for Construction Contracts only

Summary of New Change Orders

Change Order No	MNWD	SCWD	SMWD	\$ Amount
Grand Total				

Change Orders and Amendments

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

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

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

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

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

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

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
67	Olsson	3220-000	Plant 1 and 2 Field Obstructions	2/2/2023		\$ 8,871.74
68	Olsson	3287-000	MCC-F1 Site Modifications	2/2/2023		\$ 57,233.12
69	Olsson	3287-000	DAFT and TWAS area additional slab modification and piping material change	2/2/2023		\$ 19,368.58
70	Olsson	3287-000	DAFT 1 Area Reconfiguration	3/2/2023		\$ 3,046.43
71	Olsson	3287-000	Digester 2 Hot Water Loop Change	3/2/2023		\$ 29,525.46
72	Olsson	3220-000	Plant 1 Seal Influent Channel Openings and Helical Drives Temporary Covers	4/6/2023		\$ 10,831.51
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
Approved by Board of Directors (Amendments)						\$ 1,651,288.00
1CM Common	Butier	3231-000	CM Change Order No. 1	7/13/2021		\$ 48,995.00
1CM Liquids	Butier	3220-000	CM Change Order No. 1	7/13/2021		\$ 294,125.00
1CM Solids	Butier	3287-000	CM Change Order No. 1	7/13/2021		\$ 269,595.00
1ESDC Common	Carollo	3231-000	ESDC Change Order No. 1	6/3/2021		\$ 18,210.00
1ESDC Liquids	Carollo	3220-000	ESDC Change Order No. 1	6/3/2021		\$ 109,256.00

<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
1ESDC Solids	Carollo	3287-000	ESDC Change Order No. 1	6/3/2021		\$ 100,151.00
1G Common	Ninyo & Moore	3231-000	Geotechnical Services Change Order No. 1	2/3/2022		\$ 5,400.00
1G Liquids	Ninyo & Moore	3220-000	Geotechnical Services Change Order No. 1	2/3/2022		\$ 12,300.00
1G Solids	Ninyo & Moore	3287-000	Geotechnical Services Change Order No. 1	2/3/2022		\$ 12,300.00
2CM Liquids	Butier	3220-000	CM Change Order No 2	5/12/2022		\$ 196,268.00
2CM Solids	Butier	3287-000	CM Change Order No. 2	5/12/2022		\$ 196,268.00
2ESDC Common	Carollo	3231-000	ESDC Change Order No. 2	12/9/2021		\$ 11,075.00
2ESDC Liquids	Carollo	3220-000	ESDC Change Order No. 2	12/9/2021		\$ 196,440.00
2ESDC Solids	Carollo	3287-000	ESDC Change Order No. 2	12/9/2021		\$ 180,905.00
Potential Change					0	\$ 258,000.00
PCO 005	Olsson	3287-000	TWAS Slab Modifications	3/9/2023		\$ 50,000.00
PCO 038	Olsson	3287-000	Existing Valves at Digester 4 Heat Exchanger	(blank)		\$ 5,000.00
PCO 047	Olsson	3287-000	Digester 3/4 Control Building Tee Replacement	(blank)		\$ 5,000.00
PCO 054	Olsson	3220-000	Plant 1 Primary Effluent Channel Wall Corrosion	(blank)		\$ 5,000.00
PCO 055	Olsson	3287-000	Additional Concrete Repair behind Digesters 1 & 2	(blank)		\$ 7,500.00
PCO 057	Olsson	3220-000	Recoating of Basin Drive Shaft Steel Plates	(blank)		\$ 10,000.00
PCO 058	Olsson	3220-000	Aluminum Kickplate at Aeration Basins	(blank)		\$ 5,000.00

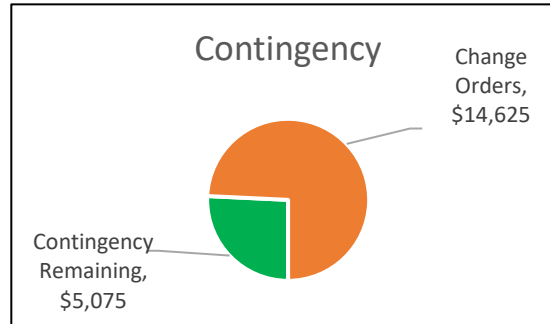
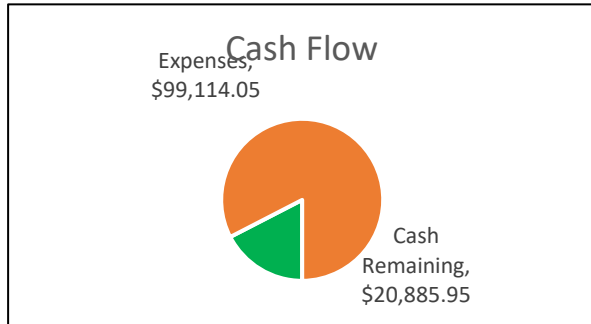
<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
PCO 061	Olsson	3220-000	Steel Plate Coating and Blasting Extra Work	(blank)		\$ 7,000.00
PCO 063	Olsson	3220-000	Concrete Repair at Secondary Basin Drive Units	(blank)		\$ 8,000.00
PCO 064	Olsson	3220-000	Effluent Channel FA Duct Footing Conflicts	(blank)		\$ 5,000.00
PCO 068	Olsson	3287-000	Chopper Pump Impeller Issues	(blank)		\$ 5,000.00
PCO 070	Olsson	3220-000	Tread Plate-Slide Gate Conflicts at Effluent Channel	(blank)		\$ 5,000.00
PCO 071	Olsson	3220-000	Effluent Channel Unforeseen Existing Conduit	(blank)		\$ 5,000.00
PCO 072	Olsson	3287-000	Existing Conflicts at DAFT 2 Stairs	(blank)		\$ 2,000.00
PCO 075	Olsson	3220-000	Bypass Pumping Plan Issues	(blank)		\$ 100,000.00
PCO 083	Olsson	3220-000	Replacing the P1 Head Shaft Plate	(blank)		\$ 5,000.00
PCO 095	Olsson	3287-000	Foul Air Rerouting at DAFT 2	9/2/2021		\$ 5,000.00
PCO 106	Olsson	3287-000	DAFT 2 Isolation Valve	(blank)		\$ 5,000.00
PCO 109	Olsson	3220-000	P1P Influent Channel Scum Gate Openings	(blank)		\$ 2,500.00
PCO 121	Olsson	3287-000	DAFT 1 Additional Repair - Flange	(blank)		\$ 3,000.00
PCO 140	Olsson	3287-000	DAFT 1-TWAS Changes	(blank)		\$ 10,000.00
PCO 143	Olsson	3287-000	Revisions to DG Line	(blank)		\$ 3,000.00
Grand Total					191	\$ 3,227,871.14

Project Financial Status

Data Last Updated

Project Committee	2
Project Name	JBL Admin Building Roofing Reconstruction
Project Description	Replace the roofing on the JBL Admin building

June 21, 2023



Cash Flow

Collected	\$ 120,000.00
Expenses	\$ 99,114.05

Project Completion

Schedule	46%
Budget	86%

Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Invoiced
A. Preman Roofing	18827	\$ 93,985.00	\$ 14,624.97		\$ 108,609.97	\$ 93,926.00
					\$ -	\$ -
		\$ 93,985.00	\$ 14,624.97	\$ -	\$ 108,609.97	\$ 93,926.00

**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
Common	32232C-000	\$ 19,700.00	\$ 14,624.97	\$ 5,075.03	74.2%
		\$ 19,700.00	\$ 14,624.97	\$ 5,075.03	74.2%

Summary of New Change Orders

Change Order No	MNWD	SCWD	SMWD	\$ Amount
1	\$ 3,268.53	\$ 3,571.86	\$ 7,784.58	\$ 14,624.97
Grand Total	\$ 76,960.16	\$ 96,200.20	\$ 160,333.66	\$ 333,494.01

Change Orders

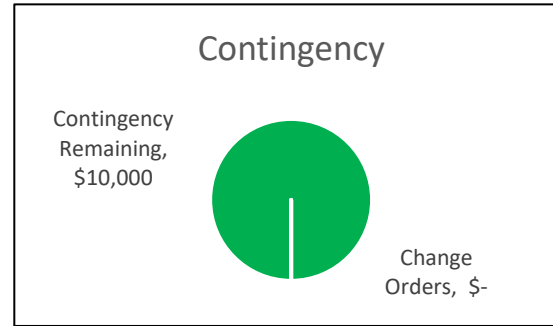
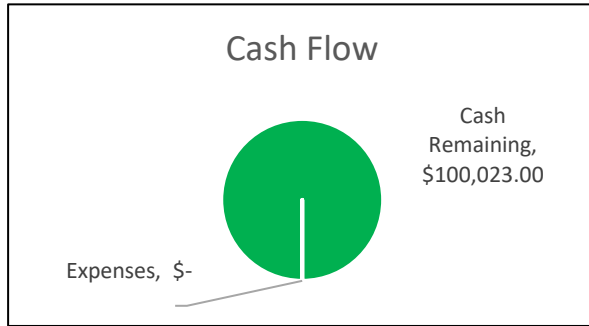
<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Amount</u>	<u>Days</u>
1	A. Preman Roofing		Damaged Plywood and Fascia Replacement	7/6/2023	\$ 14,624.97	0
Grand Total						

Project Financial Status

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

Data Last Updated

May 30, 2023



Cash Flow

Collected	\$ 100,023.00
Expenses	\$ -

Project Completion

Schedule	0%
Budget	0%

Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Invoiced
Danny C. Hubbs	18886	\$ 48,770.00			\$ 48,770.00	\$ -
					\$ -	\$ -
		\$ 48,770.00	\$ -	\$ -	\$ 48,770.00	\$ -

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

Construction Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3528-000	\$ 10,000.00	\$ -	\$ 10,000.00	0.0%
		\$ 10,000.00	\$ -	\$ 10,000.00	0.0%

Agenda Item

6.A.

Board of Directors Meeting

Meeting Date: July 6, 2023

TO: Board of Directors

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

STAFF CONTACTS: David Baranowski, Director of Engineering

SUBJECT: Contract Award for Aliso Creek Ocean Outfall (ACOO) Seal Replacement Project [Project Committee 24]

Overview

This agenda item provides a recommendation for the PC 24 Board to award a contract for the replacement of seals in the Aliso Creek Ocean Outfall for \$261,753 and a contingency of \$50,000.

Background

Minor repairs are needed on the Aliso Creek Ocean Outfall (ACOO). The project involves divers replacing five seals on the interior of the outfall. The seals were originally installed in the 1990s and replaced in 2003. The seals have been adjusted over the years to maintain a seal against the pipe wall. The seals no longer can be adjusted and need to be replaced.

Bids

SOCWA solicited bids from qualified contractors through PlanetBids and met with potential bidders for a pre-bid meeting. Two bids were received and are summarized below in Table 1.

Table 1 – Summary of Bids

Bid Breakdown	American Marine Corporation	J.F. Brennan
Mobilization & demobilization	\$120,000	\$24,738
Procurement and installation of five replacement seals	\$486,984	\$227,075
Supply of one new spare seal	\$7,830	\$7,563
Other items not in bid	\$0	\$2,377
Total Bid	\$614,814	\$261,753

The engineer's estimate for the work is \$250,000. Staff received feedback from bidders, which could explain the difference in price. The feedback included concerns about risk, the warranty, and the non-continuous dive schedule.

Contingency

There is a short window for the construction of this project. Dives can only occur at night, during low tides between July and October. Any significant delay in the schedule will result in the work being postponed until next year. For this reason, staff is requesting a project contingency of \$50,000.

Cost Allocation

The cost allocation for the construction and contingency is shown in Table 2.

Table 2 – Cost Allocation by Member Agency

Agency	Construction	Contingency	Total
City of Laguna Beach	\$28,792.83	\$5,500.00	\$34,292.83
Emerald Bay Service District	\$2,041.67	\$390.00	\$2,431.67
El Toro Water District	\$42,665.74	\$8,150.00	\$50,815.74
Irvine Ranch Water District	\$41,252.27	\$7,880.00	\$49,132.27
Moulton Niguel Water District	\$114,778.69	\$21,925.00	\$136,703.69
South Coast Water District	\$32,221.79	\$6,155.00	\$38,376.79
Total	\$261,753.00	\$50,000.00	\$311,753.00

This work is funded by project 3480-000. This year’s budget includes \$250,000 for this project. In addition, there is approximately \$90,000 left over from the design stage of the project. The budget plus the leftover funds is enough to cover the construction contract and contingency. Table 3 shows the available project funding.

Table 3 – Available Funds for Project 3480-000

Funds Available	Construction	Contingency	Remaining Funds
\$339,388	\$261,753	\$50,000	\$27,635

Prior Related Project Committee or Board Action (s)

This item was reviewed by the Engineering Committee on June 8, 2023.

Recommended Action: The Engineering Committee recommends that the PC 24 Board of Directors approve the contract to J.F. Brennan in the amount of \$261,753 for the ACOO Seal Replacement Project with a contingency of \$50,000.

Agenda Item

7.B.

Board of Directors Meeting

Meeting Date: July 6, 2023

TO: Board of Directors
FROM: Jim Burror, Acting General Manager/Director of Operations
SUBJECT: Acting General Manager's Status Report

ADMINISTRATION

Member Agency Requests

The General Manager is directed, as of the May 10, 2022, Executive Committee Meeting, to include a summary of Member Agency Requests in the GM Report. The following requests of SOCWA staff have been received and responded to:

- SOCWA staff attended several Weekly Three Agencies Staff meetings with MNWD, SMWD, and SCWD at the SCWD Offices.
- Finance Committee members, including Board members, requested information on General Fund allocations and the Administrative Budget.
- SOCWA Chair:
 - The SOCWA Chair held their third meeting with all the SOCWA staff at an All Hands meeting to provide an update and ask questions about the Blueprint proposal, the process(es) they were using for reviewing the Blueprint proposal, and potential timelines for the review process.

Municipal Service Review

The Orange County Local Agency Formation Commission has issued the Municipal Service Review and Sphere of Influence Update - Southwest Region for public review. The report covers a portion of SOCWA's service area that includes areas served by the Regional Treatment Plant and the Coastal Treatment Plant. The report is attached.

Report on Employee Reimbursements

Government Code Section 53065.5 requires that each special district disclose annual reimbursements paid of at least \$100 for individual charges for services or products received. Disclosable items include meals, transportation, lodging, and registration fees paid to board members or employees. The attached reimbursements list for FY 2022-23 meets the disclosure requirement.

ADP Audit

SOCWA staff completed a review of the ADP system utilized for processing timekeeping and payroll. This included auditing the workflow processes, cybersecurity setting, and employee access rights. Staff is now in the process of updating the written policies and procedures associated with using ADP based on ADP's findings.

SOCWA Committee Bylaws Update

SOCWA staff have started to discuss updates to the Committee Bylaws with the Engineering and Finance Committees. The goal is to have the Committees recommend changes to the Bylaws for the Board to consider this Fall. The current Bylaws are attached to this report for information.

ENVIRONMENTAL COMPLIANCE

State Lands Commission Leases

SOCWA received the publicly recorded leases of the State Lands Commission and extended the leases of both the San Juan Creek Ocean Outfall and the Aliso Creek Ocean Outfalls. The San Juan Creek Ocean Outfall became effective December 9, 2022, for a thirty-year lease term. The Aliso Creek Ocean Outfall lease expires September 30, 2024, so the updated lease is effective October 1, 2024, also for a thirty-year lease term.

SNMP Meeting

On June 30, 2023, SOCWA staff held a Salt and Nutrient Management Plan meeting with stakeholders and regulatory staff of the San Diego Regional Water Quality Control Board. Discussion of the water quality characterization and management actions that meet the concerns of staff for compliance with the State Water Resources Control Board's 2018 Recycled Water Policy was discussed.

Irvine Ranch Desalter Flows

The Irvine Desalter Plant and the Shallow Groundwater Unit will not be discharging to the Aliso Creek Outfall due to facility maintenance. The facilities will upgrade treatment units for enhanced PFAS removal. The facilities are scheduled for shutdown through the end of calendar year 2023.

WateReuse OC Chapter Meeting

Staff provided an update to the Orange County chapter of the WateReuse Association of the urban water diversion program was presented virtually on June 15, 2023. SOCWA staff presented with staff from Orange County Sanitation District and the County of Orange. The presentation was followed by a panel question and answer discussion.

Climate Change Action Plan Workshop

On June 30, 2023, Clean Water SoCal hosted an on-site Climate Change Action Plan Workshop by Orange County Water District. SOCWA staff worked on the programming of the panel, which covered the statewide developing requirements for Climate Change Action Plans (CCAP), methodologies for accounting for greenhouse gas emissions, verification protocols, and climate change adoption plans. SOCWA staff has an NPDES requirement for the submittal of the CCAP. A goal of the workshop is to get the wastewater industry on the same page related to GHG accounting due to the wide variety of methods that can be used for developing compliance standards.

Clean Water SoCal Board Meeting

On June 20, 2023, SOCWA staff provided an update to the Clean Water SoCal Board members on the following Water and Pretreatment Committee priority issues: microplastics, ROMS-BEC independent review, harmful algal blooms, toxicity provisions, and PFAS.

San Juan Creek Estuary Restoration Public Workshop

Staff attended the San Juan Creek Restoration public workshop on June 21, 2023, at the Dana Hills Tennis Center. Trout Unlimited and Roger Butow of Clean Water Now provided presentations that engaged local stakeholders on mitigation efforts for steelhead trout in the San Juan Basin and included construction updates in the lower portion of the San Juan River mouth that may hamper recovery efforts. Mr. Butow provided an update on the workshop at the June 22, 2023, SOCWA Special Board meeting.

IPR/DPR Laboratory Analysis

SOCWA staff are working with Moulton Niguel Water District (MNWD) staff on the sample collection and analysis of compounds for the design of the MNWD's OASIS pilot program.

HF183 & Enterococcus Beach Rapid Indicator Analysis

SOCWA staff are systematically sampling and banking sample locations DS5B, San Juan Creek pre and post berm, Aliso Creek pre and post berm, West Z flowing and not flowing, & S12 sample locations for analysis using molecular marker HF183, multiplexed with enterococcus markers. The baseline analysis will be incorporated into a request to the California EPA for the use of rapid molecular marker analysis for beach water quality testing at the sample locations in the Aliso Creek and San Juan Creek watersheds as required in the SOCWA NPDES permits. SOCWA laboratory staff tested a modified method to increase sampling to results timing as part of the logistics analysis to speed up results. However, the results did not pass quality control thresholds, and the additional purification steps have been incorporated into the analysis of the samples in this multiplexing experiment. The SOCWA lab is working on sampling to turn around time of 6 hours, which would decrease the notification period from 24 hours to 8 hours resulting in same-day notification of beach bacterial exceedances. SOCWA is working with interested stakeholders as part of the Unified Program and additional parties in Orange and San Diego counties as the experiments evolve.

CASA's Air Quality, Climate Change, and Energy Funding Year 1 Accomplishments

In 2022, SOCWA member agencies agreed to fund the CASA's additional technical advocacy on developing climate change regulations. Over the last 12 months, there was a significant increase in support needed by CASA's air quality, climate change, and energy (ACE) Workgroup to adequately respond to the California Air Resources Board's (CARB's) developing advanced clean fleets (ACF) regulations, as well as a higher level of simultaneous administrative activity on ACE issues by CARB and other regulatory agencies. The challenge was compounded by the fact that the ACF regulations threatened the implementation of short-lived climate pollutant reduction projects at WWTPs via its limitation on the use of biogas as a low-carbon transportation fuel. As a result, members came together to fund an additional level of support by Carollo to adequately engage and advocate for the wastewater sector.

With Carollo's increased level of funding, CASA was able to connect with, and proactively advocate on behalf of the membership, CARB staff, Board members, executives, and Environmental Justice Advisory Council members, as well as the Governor's office and other state agencies (CalRecycle, State Water Board, and Public Utilities Commission) on the developing ACF regulations. We were also able to address other priority issues being raised throughout the year as needed, and the budget would allow. We accomplished the following:

- *ACF Regulations.* We received explicit acknowledgment of the wastewater sector and CASA in CARB's Board Resolution that was approved alongside the ACF Regulations in April 2023. The Resolution states the Board understands the need for multiple uses of biomethane and instructs staff to coordinate with other (involved) state agencies to ensure the successful implementation of both the ACF and Senate Bill 1383 regulations. The Resolution also requires staff to provide an update on progress in 2025 for accountability. The ACF exemptions and extensions were also improved to allow for delayed implementation due to the unavailability of vehicles and delays in infrastructure.
- *2022 Scoping Plan Update.* The SPU was approved on December 15, 2022, with the acknowledgment that there are functions by essential services (including wastewater) that must continue regardless of emissions, and there were no explicit limitations placed on the wastewater sector.
- *Natural and Working Lands Climate Smart Strategy.* As part of the 2022 SPU, the Natural Resources Agency (CNRA) developed a model of eight California landscapes to understand the net potential for greenhouse gas emissions and sinks, particularly carbon sequestration potential, via the application of soil amendments. CNRA staff expressed broad support for biosolids as a soil amendment, but advocacy to explicitly include the benefits of biosolids in the model must continue this year.
- *Climate Vulnerability Assessments and Resilience Plans in NPDES Permits.* CASA further developed a matrix of the Regional Water Board's approaches to addressing climate change in their permit renewals. The matrix is to help CASA members understand what has been asked of others to date to support them in their discussions with regulators and how to approach compliance.



Local Agency Formation Commission of Orange County

2677 North Main Street, Suite 1050
Santa Ana, CA 92705

Municipal Service Review and Sphere of Influence Update

Southwest Region

Orange County LAFCO Public Review Draft – June 16, 2023



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LIST OF ABBREVIATIONS USED

ACS	American Community Survey
ACFR	Annual Comprehensive Financial Report
ADU	Accessory Dwelling Unit
CASA	Coastal Animal Services Authority
CKH	Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000
CSA	County Service Area
DOF	California Department of Finance
DUC	Disadvantaged Unincorporated Community
ETWD	El Toro Water District
GIS	Geographic Information Systems
HOA	Homeowner's Association
JPA	Joint Powers Authority
LAFCO	Local Agency Formation Commission
LBCWD	Laguna Beach County Water District
MHI	Median Household Income
MNWD	Moulton Niguel Water District
MSR	Municipal Service Review
OCFA	Orange County Fire Authority
OC LAFCO	Orange County LAFCO
OCPL	Orange County Public Library
OCSD	Orange County Sheriff's Department
SCWD	South Coast Water District
SCE	Southern California Edison
SDG&E	San Diego Gas & Electric
SMWD	Santa Margarita Water District
SOI	Sphere of Influence
SOCWA	South Orange County Wastewater Authority

I. EXECUTIVE SUMMARY

INTRODUCTION

The Local Agency Formation Commission of Orange County (“OC LAFCO”) initiated this Municipal Service Review (“MSR”) and Sphere of Influence (“SOI”) update in 2022 for six cities, seven special districts, and one joint powers authority (“JPA”) in the OC LAFCO-designated “Southwest Region” of the County. OC LAFCO retained consultant RSG, Inc. (“RSG”) to prepare the MSR, which included conducting surveys and interviews with each of the agencies in the region, and collecting demographic, fiscal, and other data to support the MSR findings and determinations under State law. OC LAFCO also retained Berkson Associates (“Berkson”) to perform an analysis of available financial data and prepare a set of Fiscal Indicators to be published on the OC LAFCO website.

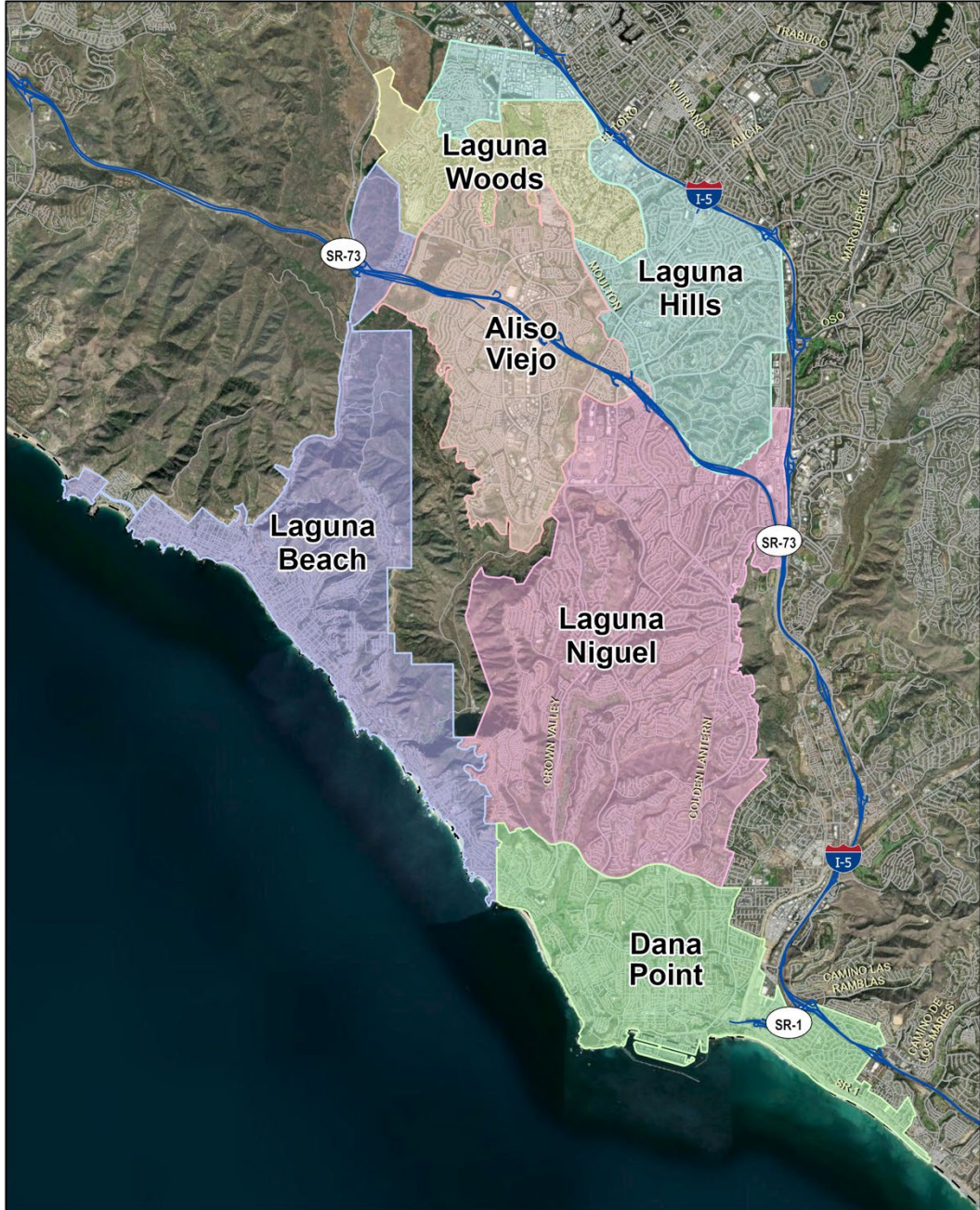
SOUTHWEST REGION CITIES AND SPECIAL DISTRICTS REVIEWED


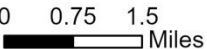
The OC LAFCO Southwest Region consists of 14 total agencies. These agencies are principally located around the Laguna Beach and Dana Point coastlines and inland as far as the Interstate 5 Freeway (“I-5”) corridor. The agencies are listed in Table 1:

Table 1: Southwest Region Agencies

Cities	Special Districts/JPA
Aliso Viejo	El Toro Water District – (“ETWD” or “El Toro”)
Dana Point	Laguna Beach County Water District – (“LBCWD”)
Laguna Beach	Moulton Niguel Water District – (“MNWD” or “Moulton Niguel”)
Laguna Hills	South Coast Water District – (“SCWD” or “South Coast”)
Laguna Niguel	Capistrano Bay Community Services District
Laguna Woods	Emerald Bay Service District
	Three Arch Bay Community Services District
	South Orange County Wastewater Authority – (“SOCWA”)

A map depicting the incorporated cities of the Southwest Region is shown following this page:



	<h3>Southwest MSR Region</h3>	
<p>Source: RSG Inc., ESRI, OCLAFCO</p>		

As further detailed in the body of this report, RSG makes the following MSR determinations for the Southwest Region agencies based on our data collection, surveys, and interviews:

1. Population, Growth, and Housing

Within the Southwest Region there is limited potential for population and housing growth due to existing buildout and geography. Population and housing growth projections through 2027 show only five (5) agencies with positive growth rates, with a majority expecting small declines.

2. Disadvantaged Unincorporated Communities

OC LAFCO previously designated a total of seven (7) areas in the County as disadvantaged unincorporated communities (“DUCs”). However, none of these DUCs are in the Southwest Region.

3. Capacity of Facilities and Adequacy of Services

Within the Southwest Region, the present and planned capacity of facilities is generally appropriate for the projected slow growth in population. Additionally, there are adequate law enforcement, fire, water, wastewater, public works, parks and recreation, animal control, and code enforcement services being provided among the agencies reviewed in this MSR.

With the exception of Laguna Beach, which was incorporated 96 years ago, all of the other cities in the Southwest Region are relatively young, with none older than 34 years. These cities are almost all master planned communities with infrastructure and facilities designed to facilitate their growth over time. As a result, none of the cities reported any structural challenges.

The special districts in the Southwest Region are about twice as old as most of the cities. This age is reflected in the water infrastructure, which ranges from 30 to 50 years old. However, the water districts did not indicate any significant cause for concern regarding facilities or service delivery. All of the districts have adequate planning and reporting systems in place to prepare for maintenance and replacement of their water infrastructure and facilities. For stormwater services, two of the CSDs are reporting issues with their current systems. Capistrano Bay CSD with its small and beachfront area, has experienced higher tides in recent years. The threat of damage from the tides has pushed the agency to look into expanding their powers to include stormwater management, primarily to combat beach erosion. Three Arch Bay CSD has stormwater infrastructure that is on average 75 years old. Having been built for far more open space in a different era, the drainage and runoff systems are no longer efficient enough for runoff created from new development. Both CSDs have taken the following steps to address the issues: Capistrano Bay CSD has initiated an application with OC LAFCO to activate latent powers for stormwater management, and Three Arch Bay CSD is developing a new master plan to upgrade their infrastructure.

4. Financial Ability to Provide Services

Most of the agencies of the Southwest Region have the ability to maintain their current service levels. Based on financial indicators prepared by Berkson & Associates, all agencies report

high amounts of reserves, moderate growth in revenues, and moderate expenditure growth. However, the cities of Aliso Viejo and Laguna Woods both expressed concern that the costs to provide law enforcement to their cities under the current OC Sheriff contracts are not sustainable. Aliso Viejo is concerned that these rising costs may result in a projected fund deficit in the near future. Therefore, they are seeking opportunities to increase revenues, such as larger scale economic development projects, to offset the negative financial outlook. Aliso Viejo indicated that it has ample reserves to maintain all of its services and obligations in the short term if it incurs a deficit. Laguna Woods did not foresee a deficit arising in their budget from rising law enforcement costs in the short term, but expressed a desire to see more collaboration on operational decisions, labor negotiations, and factors that could potentially lower or moderate costs under the OC Sheriff contract. No other agency reviewed in this MSR expressed similar fiscal concerns.

5. Opportunities for Shared Facilities

Existing shared facilities and/or services include those for animal control through the Mission Viejo Department of Animal Services, the Laguna Beach Animal Services Division, and the Coastal Animal Services Authority. No concerns or suggested changes were reported for these partnerships.

Two areas were identified through this MSR as potential opportunities for shared facilities: wastewater facilities managed through SOCWA, and joint law enforcement services.

SOCWA's current facilities are run by the JPA through project committee agreements between the relevant agencies in the area. Not all participating agencies within SOCWA are a party to every facility and service agreement that SOCWA oversees. One Southwest Region agency, Moulton Niguel Water District ("MNWD"), expressed their desire for SOCWA to transition facilities to the member agencies where they are located. MNWD had requested that OC LAFCO include a review of the discussions regarding SOCWA in this MSR as part of LAFCO's standard review of the JPA as a municipal service provider. MNWD is one of the largest member agencies of SOCWA and has taken the position that SOCWA should shift operations of local assets to member agencies and retain only a coordination and management role. Other agencies in the Southwest Region were aware of these requests from MNWD but did not express support nor opposition. The other agencies, particularly South Coast Water District ("SCWD"), did indicate that they were not opposed to alternatives but would prefer a resolution that works within the existing structure of SOCWA. Both SOCWA and MNWD have made significant steps towards facilitating further discussion on a potential resolution of the issues. SOCWA has hired a facilitator to manage regular board meetings specifically on the subject, while MNWD has led regular external meetings for any interested member agency, though mostly with SCWD and Santa Margarita Water District ("SMWD").

Regarding law enforcement services, the Cities of Aliso Viejo and Laguna Woods have held informal internal and external discussions about how to reduce costs, including looking at alternatives to how services are provided under their contracts with the Orange County Sheriff's Department ("OCSD"). The Cities indicated that perhaps the efficiency and effectiveness of a regional OCSD policing model could reduce each city's cost, but this would need to be explored further. Aliso Viejo and Laguna Woods previously discussed this option with former Sheriff Sandra Hutchens. However, the OCSD could not commit to studying the issue further and has not studied the issue since.

6. Accountability for Community Service Needs

Agencies in the Southwest Region have well-established structures for accountability. With the variety of different entities in the region, significant layering exists to provide residents with multiple opportunities for input. However, there were two issues of representation raised in the MSR process, one of which may be resolved through an SOI update and subsequent annexation.

The residents of South Laguna Beach are seeking direct representation on the South Coast Water District (“SCWD”) board. The area is serviced by SCWD but is not formally within the District boundary. Residents currently have no voting power in District elections and instead receive representation through an advisory committee staffed by residents and elected officials. The City of Laguna Beach would like to see these residents formally represented on the SCWD board with equal voting rights to those residents within the SCWD boundary. This would require an amendment to the sphere of influence of SCWD and a subsequent annexation. SCWD, through the process of this MSR, has expressed support for such an amendment and future annexation.

Another issue identified through this MSR is the service delivery and overall governance structure of SOCWA. Moulton Niguel Water District has expressed concerns with SOCWA’s ability to meet the changing needs and objectives of its member agencies relating to wastewater reuse and treatment. This subject is closely related to the subject of SOCWA’s facilities ownership and use mentioned in the prior determination. Resolution of SOCWA-related concerns, particularly with the structure and purpose of the JPA, falls outside the purview of OC LAFCO and would need to be addressed among the member agencies of SOCWA. However, OC LAFCO staff has noted that any resolution of the situation that involves out-of-area service agreements between member agencies would require LAFCO review.

SOI DETERMINATIONS SUMMARY

As further detailed in the body of this report, RSG makes the following SOI determinations for the Southwest Region agencies based on our data collection, surveys, and interviews:

1. Present and Planned Land Uses

The agencies of the Southwest Region are largely built out with very little remaining open space for new construction. There are no significant agriculture uses.

2. Present and Probable Need for Facilities and Services

Agencies in the Southwest Region are providing adequate services to their residents and customers, and generally have the capacity to keep up with expected growth without adding new facilities or services.

3. Present Capacity and Adequacy of Public Facilities and Services

Agencies in the Southwest Region are providing adequate services to their residents and customers, and generally have the capacity to keep up with expected growth without adding new facilities or services.

4. Social or Economic Communities of Interest.

OC LAFCO previously designated a total of seven (7) areas in the County as disadvantaged unincorporated communities (“DUCs”). However, none of these DUCs are in the Southwest Region.

5. Present and Probable Need for Public Facilities and Services by any DUCs within the Existing SOIs

OC LAFCO previously designated a total of seven (7) areas in the County as disadvantaged unincorporated communities (“DUCs”). However, none of these DUCs are in the Southwest Region.

SOI Updates

In the course of our review, RSG was made aware of one request for an SOI adjustment among the Southwest Region agencies:

As discussed in further detail in Sections VII and X below, staff of the City of Laguna Beach related concerns from residents of the southern area of Laguna Beach area regarding a lack of formal voter representation on the board of SCWD, the water, recycled water, and wastewater service provider for the area. While the southern Laguna Beach area is within the City of Laguna Beach boundary, it is not within any water district boundary nor SOI. Residents have expressed dissatisfaction with the current representation arrangement, which is a committee established by SCWD comprised of residents and elected officials. In terms of service quality however, SCWD reported that residents have only complimented the agency and would prefer being able to participate in the election process to vote for a member of the SCWD’s Board of Directors that directly represents them. The City of Laguna Beach has requested that OC LAFCO take steps towards increasing the size of SCWD’s SOI to include South Laguna Beach, with the intent of eventual annexation into the District. Additionally, SCWD supports this process. They felt residents were interested in future annexation into SCWD, which aligns with the request from Laguna Beach. RSG recommends that OC LAFCO facilitate discussions between the City of Laguna Beach and SCWD on the subject. The discussions should include the encouragement of SCWD to file an application to absorb the South Laguna Beach area into its SOI, with the goal of a future or concurrent annexation into SCWD. OC LAFCO staff notes that South Laguna Beach residents would experience more direct representation by SCWD if annexed into the District. Staff would encourage the District, if it decides to move forward, to file an application for an SOI amendment and a concurrent annexation of the area.

II. BACKGROUND

LEGAL REQUIREMENTS AND PURPOSE

In 1963, the California Legislature created for each County a Local Agency Formation Commission (“LAFCO”) to oversee the logical formation and determination of local agency boundaries that encourage orderly growth and development essential to the social, fiscal, and economic well-being of the State. LAFCOs’ authority to carry out this legislative charge is codified in the Cortese-Knox-Hertzberg Reorganization Act of 2000 (“CKH”). For nearly 60 years, the CKH has been amended to give more direction to LAFCOs and, in some cases, expand the authorities of the Commissions. One of the most important revisions to CKH by the Legislature occurred in 2000, which added a requirement that LAFCOs review and update the “spheres of influence” for all cities and special districts every five years and, in conjunction with this responsibility, prepare comprehensive studies that are known as “municipal service reviews.”

AUTHORITY AND POWERS OF LAFCO

Codified within CKH are the procedures and processes for LAFCOs to carry out their purposes as established by the Legislature. LAFCOs’ purposes are guided and achieved through their regulatory and planning powers and acknowledge that the local conditions of the 58 California counties shall be considered in part to the Commissions’ authorities.

CKH ACT (G.C. SECTION 56301) – PURPOSES OF LAFCOs

“Among the purposes of a commission are discouraging urban sprawl, preserving open-space and prime agricultural lands, encouraging the efficient provision of government services, and encouraging the orderly formation and development of local agencies based upon local conditions and circumstances.”

LAFCO RESPONSIBILITIES

LAFCOs’ regulatory authorities include the reviewing, approving, amending or denying of proposals to change the jurisdictional boundaries of cities and special districts. Specifically, these types of boundary changes commonly referred to as “changes of organization,” include:

- City Incorporation
- City Disincorporation
- District Formation
- District Dissolution
- City and District Annexations and Detachments
- City and District Consolidations
- Merger of a City and District
- Establishment of a Subsidiary District
- Activation of new or different functions or classes of services, or divestiture of power to provide services for special districts.

PLANNING AUTHORITIES

LAFCOs’ planning authorities are carried out through the establishment and updating of agencies’ SOIs, which is a tool used to define a city or special district’s future jurisdictional boundary and

service areas. Through the reform of CKH in 2000, LAFCO's planning responsibility includes the preparation of comprehensive studies (MSRs) that analyze service or services within the county, region, subregion, or other designated geographic area. The determinations that LAFCOs must review, analyze, and adopt for SOIs and MSRs are discussed below.

SPHERE OF INFLUENCE UPDATES

In 1972, LAFCOs throughout the state were tasked with determining and overseeing the SOIs for local government agencies. A SOI is a planning boundary that may be outside of an agency's jurisdictional boundary (such as the city limits or a special district's service area) that designates the agency's probable future boundary and service area. The purpose of a SOI is to ensure the provision of efficient services while discouraging urban sprawl and the premature conversion of agricultural and open space lands, and by preventing overlapping jurisdictions and duplication of services. On a regional level, LAFCOs coordinate the orderly development of a community through reconciling differences between different agency plans. This is intended to ensure the most efficient urban service arrangements are created for the benefit of area residents and property owners. Factors considered in a SOI update include current and future land use, capacity needs, and any relevant areas of interest such as geographical terrain, location, and any other aspects that would influence the level of service.

Per Government Code Section 56425, a LAFCO shall consider and prepare a written statement of its SOI determinations on the following five (5) factors:

- 1. The present and planned land use in the area, including agricultural and open space lands.*
- 2. The present and probable need for public facilities and services in the area.*
- 3. The present capacity of public facilities and adequacy of public services that the agency provides or is authorized to provide.*
- 4. The existence of any social or economic communities of interest in the area.*
- 5. If a city or special district provides public facilities or services related to sewers, municipal industrial water, or structural fire protection, the Present and Probable Need for those facilities and services of any disadvantaged unincorporated communities within the existing sphere of influence.*

From time-to-time, an SOI may be modified as determined by LAFCO using the procedures for making sphere amendments as outlined by CKH. Pursuant to Government Code Section 56430, a LAFCO must first conduct a MSR prior to updating or amending a SOI.

MUNICIPAL SERVICE REVIEWS

Section 56425(g) of CKH requires that LAFCOs evaluate an SOI every five years, or when necessary. The vehicle for doing this is known as a Municipal Service Review.

Pursuant to Government Code Section 56430, MSRs make determinations on seven (7) required topics as follows:

- 1. Growth and population projections for the affected area.*
- 2. Location and characteristics of any disadvantaged unincorporated communities within or contiguous to the sphere of influence.*
- 3. Present and planned capacity of public facilities and adequacy of public services, adequacy of public services, infrastructure needs, or deficiencies related to sewers, municipal and industrial water, and structural fire protection in any disadvantaged, unincorporated communities within or contiguous to the sphere of influence.*
- 4. Financial ability of agencies to provide services.*
- 5. Status of, and opportunities for, shared facilities.*
- 6. Accountability for community service needs, including government structure and operational efficiencies.*
- 7. Any other matter related to effective or efficient service delivery, as required by Commission Policy.*

The focus of an MSR is to ensure that public services are being carried out efficiently and the residents of any given area or community are receiving the highest level of service possible, while also discouraging urban sprawl and the premature conversion of agricultural lands. If an MSR determines that certain services are not being carried out to an adequate standard, LAFCO can recommend changes be made through making sphere changes and dissolution or consolidation of service providers to provide the best service possible to the population.

PRIOR MUNICIPAL SERVICE REVIEWS

Three cycles of MSRs were completed by OC LAFCO prior to this one. The first was produced in 2005, the second in 2008, and the third in 2013. Each MSR cycle has provided OC LAFCO with new and important information regarding the delivery of services to OC residents. OC LAFCO has learned that generally, all of the agencies in the County are well run and provide a high level of service. The high level of service is especially apparent in the Southwest Region. Prior MSRs have not singled out any significant issues among Southwest agencies.

In the interest of furthering OC LAFCO's goals, the MSR process over the prior cycles has produced key resources to help coordinate services, provide accountability, and increase transparency. Resources like the Fiscal Indicators and the Shared Services programs have provided agencies with a central location to access OC LAFCO services. OC LAFCO has also partnered with local experts such as those in the California State University of Fullerton's ("CSUF") Demographic Research Unit, to track trends that help develop the data for Disadvantaged Unincorporated Communities ("DUCs").

DISADVANTAGED UNINCORPORATED COMMUNITIES (DUCS)

As part of this MSR, RSG was asked to consider the location, characteristics and adequacy of services and public facilities related to Disadvantaged Unincorporated Communities in any of the SOIs within the Region. DUCs are defined as inhabited territory located within an unincorporated area of a county in which the annual median household income is less than 80 percent of the statewide median household income. State law considers an area with 12 or more registered voters to be an inhabited area. CKH requires identification and analysis of service issues within DUCs as part of MSR/SOI updates. State law (SB 244) also places restrictions on annexations to cities if the proposed annexation is adjacent to a DUC.

OC LAFCO previously designated a total of seven (7) DUCs in the County. However, none of these DUCs are in the Southwest Region.

UNINCORPORATED AREAS

There are several unincorporated islands (territory completely or substantially surrounded by cities) and other unincorporated areas within the County that should eventually be transitioned to an adjacent city over time and when feasible. CKH, in various sections of the statute, requires LAFCO to address these areas during MSR/SOI updates and annexation proceedings. For over 20 years, OC LAFCO has worked collaboratively with the County and multiple cities on the transitioning of unincorporated areas to the jurisdiction of adjacent cities. Today, that effort continues and includes addressing the feasibility of annexation and infrastructure deficiencies and other challenges.

In the Southwest Region, unincorporated areas include the Aliso and Wood Canyons Wilderness Park and the Emerald Bay residential community. Services to these areas are provided by multiple agencies that include the County, Emerald Bay Community Services District, and Laguna Beach County Water District. The Aliso and Wood Canyons Wilderness Park is serviced as part of the County's park system by County Service Area ("CSA") 26. The park receives fire protection services from the Orange County Fire Authority. Emerald Bay is served, either through contract or direct action, by the Emerald Bay Community Services District. More on these services and providers is discussed in Section VII. Due to geography and resident preferences, these areas are unlikely to be annexed by neighboring cities in the near future.

ORANGE COUNTY LOCAL AGENCY FORMATION COMMISSION

OC LAFCO is responsible for overseeing the boundaries, establishing and updating SOIs, and preparing MSRs for the County's 34 cities and 34 independent and dependent special districts. Since its creation, the Commission has formed nine cities, approved multiple changes of organization and reorganization involving cities and special districts, and encouraged orderly

MISSION:

OC LAFCO serves Orange County cities, special districts, and the county to ensure effective and efficient delivery of municipal services.

development through the establishment of agency SOIs and preparation of numerous studies. OC LAFCO has also provided proactive leadership on efficient government through its Unincorporated Islands Program and an innovative presence through its Shared Services and Fiscal Indicators Web-based programs. In addition to State law, the Commission's authority is guided through adopted policies and procedures that assist in the implementation of the provisions of the CKH Act and consideration of the local conditions and circumstances of Orange County.

COMMISSION COMPOSITION

OC LAFCO is comprised of eleven (11) members, with seven serving as regular members and four serving as alternate members. The members include: three (3) County Supervisors, three (3) City Council members, three independent Special District members, and two (2) at-large representatives of the general public. All members serve four-year terms and there are no term



limits. In accordance with the statute, while serving on the Commission, all commission members shall exercise their independent judgement on behalf of the interests of residents, property owners, and the public as a whole. Table 2 depicts the current members of the Commission and their respective appointing authority and term.

Table 2: OC LAFCO Commission Roster

Commissioners	Appointing Authority	Current Term
Regular Members		
Douglass Davert , <i>Chair</i> Special District Member	Independent Special District Selection Committee	2022–2026
Donald P. Wagner , <i>Vice Chair</i> County Member	Board of Supervisors	2022–2026
Derek J. McGregor , <i>Immediate Past Chair</i> Public Member	Commission	2022–2026
Andrew Do , County Member	Board of Supervisors	2019–2023
Wendy Bucknum , City Member	City Selection Committee	2020–2024
James Fidler , Special District Member	Independent Special District Selection Committee	2020–2024
Bruce Whitaker , City Member	City Selection Committee	2022–2026
Alternate Members		
Carol Moore , City Member	City Selection Committee	2020–2024
Kathryn Freshley , Special District Member	Independent Special District Selection Committee	2022–2026
Katrina Foley , County Member	Board of Supervisors	2019–2023
Lou Penrose , Public Member	Commission	2021–2025
Carolyn Emery, Executive Officer Scott C. Smith, General Counsel		

MEETING AND CONTACT INFORMATION

The Commission’s regular meetings are held on the second Wednesday of the month at 8:15 a.m. Currently, the meetings are conducted at County Administration North (CAN), First Floor Multipurpose Room 101, 400 W. Civic Center Drive, Santa Ana, CA 92701. The OC LAFCO administrative offices are centrally located at 2677 North Main Street, Suite 1050, Santa Ana, CA 92701. Commission staff may be reached by telephone at (714) 640-5100. The agency’s agendas, reports and other resources are available online at www.OCLAFCO.org.



METHODOLOGY AND DATA SOURCES

RSG worked in coordination with OC LAFCO staff throughout the duration of this MSR. To fully understand key factors and current issues involving the cities, RSG conducted an initial working session with OC LAFCO staff to determine the project scope and process and formalize overall MSR objectives, schedules, agency services to review, fiscal criteria, and roles and responsibilities of OC LAFCO, RSG, and other consultants. Key tasks and activities in the completion of this MSR included a thorough review of available relevant agency data and documents; interviews with agencies; development of agency profiles; MSR and SOI determination analysis; preparation of administrative and public review drafts of the MSR; incorporation of agency, OC LAFCO, and public comments; and consideration by OC LAFCO of adoption of the final MSR.

It is important to acknowledge that the data presented in this report represents the best information available during the data collection phase, which was largely completed between May and November of 2022. This report represents a snapshot in time, and there may be material changes since then that are not reflected in this report.

For subject agencies that are incorporated cities, this MSR uses the Federal Decennial Census (“Census”) or California’s State Department of Finance (“DOF”) Population and Housing Estimates from January 1, 2022. Produced by DOF’s Demographic Research Unit, the estimates are released annually and are the official population and housing unit tallies used in most State programs and for jurisdictional appropriation limits. The estimates are restricted to cities and counties and do not encompass all potential taxing entities or districts in the State. The data from DOF only reports on total population, total housing units, housing type, and unit occupancy status. Therefore, RSG relied on additional sources and tools to provide a more complete demographic picture.

Some of the demographic data reported in this MSR comes from ESRI’s Business Analyst online software. The platform uses Geographic Information Systems (“GIS”) to produce a variety of comparison reports for areas both smaller and larger than most official data sources, such as the Census or DOF. Subjects in this MSR pertaining to growth rates, poverty rates, number of workers in the jurisdiction, and number of businesses all were produced in part by inputting boundary shapefiles into the GIS functions of Business Analyst. Where applicable, this MSR notes agency disagreements with certain reported demographic numbers or rates. Population and housing unit data for the special districts was derived from ESRI, but not for the cities. All demographic data is from the year 2022 unless otherwise stated.

Summary fiscal health data was researched and provided to RSG by another consultant, Berkson & Associates, as part of a separate and independent engagement with OC LAFCO to populate a set of “Fiscal Indicators” that will appear on OC LAFCO’s website. The Fiscal Indicators provide the latest three years of revenue, expenditures, net position, and reserves data reported in the agencies’ financial audits and budgets. Berkson & Associates also provided a summary of the trends for each line item. OC LAFCO’s partnership with Berkson & Associates to develop the Fiscal Indicators website aided RSG in the review of the Southwest agencies’ finances. As a result, this MSR did not undertake an extensive review of each agencies’ finances but consulted with Berkson to present and briefly summarize their findings.

III. AGENCY PROFILES

As part of this MSR, OC LAFCO and RSG examined a range of municipal services provided by each agency in the Southwest Region. This section provides summaries of the governing structure, population, service area, types of services, and the service providers of each agency. The profile of each Southwest Region city covers the key services provided in the city, while the special district profiles provide detail only on the services they are legally authorized to provide. A demographic summary and a map of each agency are shown following the profile table.

Summary financial trends of each agency going back to FY 2018-19 are also shown in this section. All financial tables were produced using the Fiscal Indicators data described in the prior section. Please note that trends shown are exclusive of transfers in and out: transfers of net revenue to capital funds and other uses are not shown; transfers to designated operating reserves may not be required if agency reserve targets are being met.

Below is a list of the agencies profiled:

Cities

- Aliso Viejo
- Dana Point
- Laguna Beach
- Laguna Hills
- Laguna Niguel
- Laguna Woods

Special Districts and JPA

- El Toro Water District
- Laguna Beach County Water District
- Moulton Niguel Water District
- South Coast Water District
- Emerald Bay Service District
- Capistrano Bay Community Services District
- Three Arch Bay Community Services District
- South Orange County Wastewater Authority (JPA)

City of Aliso Viejo

Incorporated July 1, 2001

Agency Information

Address	12 Journey, Aliso Viejo, CA 92656
Primary Contact	Dave Doyle, City Manager
Contact Information	949-425-2520
Website	www.avcity.org
Governance	5 Council Members, Elected At-Large
Total City Staff	25 Full Time, 17 Part Time

Service Area Information

Incorporated Area (Sq. Mi.)	6.92
Population	50,782
Unincorporated Population of SOI	N/A

Service Summary

Service or Department	Provider
Law Enforcement	OCSD
Fire Protection/Emergency Medical	OCFA
Building/Planning	Aliso Viejo
Housing	Aliso Viejo
Code Enforcement	Aliso Viejo
Animal Control	Aliso Viejo (Contractual agreement with Mission Viejo)
Parks and Recreation	Aliso Viejo, Aliso Viejo Community Association (HOA)
Library	County of Orange
Museum	N/A
Landscape Maintenance	Aliso Viejo Community Association (HOA)
Lighting	N/A
Streets/Road Maintenance	Aliso Viejo
Electricity/Gas	SCE /SoCal Gas/SDG&E
Solid Waste	CR&R
Stormwater Protection	Aliso Viejo
Water	Moulton Niguel Water District, El Toro Water District
Wastewater	Moulton Niguel Water District, El Toro Water District, SOCWA
Wholesale Water	Municipal Water District of Orange County
Cemetery	Orange County Cemetery District
Vector Control	Orange County Mosquito & Vector Control District

Demographics Summary

Aliso Viejo

Population & Density	Agency	County
2020 Population	52,176	3,186,989
2022 Population	50,782	3,203,504
2027 Population ¹	51,200	3,198,933
2022-2027 Projected Growth Rate (%)	0.8% >	-0.1%
Daytime Population	47,773	3,284,351
Unincorporated SOI Population	-	-
Households	19,435	1,082,175
Household Size	2.61 <	2.96
Area (Square Miles)	6.92	948.00
Density (Persons per Square Mile)	7,337 >	3,379
Housing		
Housing Units	20,189	1,142,029
Owner Occupied (%)	58% >	55%
Renter Occupied (%)	39% <	40%
Vacant %	4% <	5%
Median Home Value	\$ 731,802 <	\$ 783,700
Employment & Poverty		
Businesses	2,161	176,208
Employees	21,036	1,631,636
Median Household Income	\$ 126,744 >	\$ 105,674
Public Transportation Commuters (%)	0.7% <	1.8%
Commute Longer than 60 Minutes (%)	7.7% <	9.5%
Poverty Rate	5.1% <	9.9%

¹2027 Population estimate is a projection only.

Source: US Census Bureau, DOF Population and Housing Estimates (Cities), ESRI Business Analyst

Cash Flow FY 18-19 to FY 20-21

Aliso Viejo

Financial Summary ¹	2018-19	2019-20	2020-21
Revenue	\$ 20,264,249	\$ 19,000,653	\$ 17,662,581
Expenditures	17,483,914	17,860,127	18,991,868
Net	\$ 2,780,335	\$ 1,140,526	\$ (1,329,287)
Reserves	\$ 21,775,144	\$ 22,192,528	\$ 17,586,829

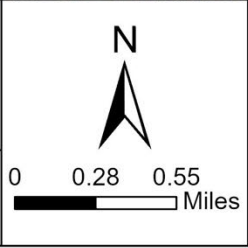
¹"Reserves" based on General Fund balance assigned to contingencies, emergencies, and unassigned

Source: Berkson & Associates, Agency Audits & Budgets



City of Aliso Viejo

Source: RSG Inc., ESRI, OCLAFCO



City of Dana Point

Incorporated January 1, 1989

Agency Information

Address	33282 Golden Lantern, Dana Point, CA 92629
Primary Contact	Mike Killebrew, City Manager
Contact Information	949-248-3513
Website	www.danapoint.org
Governance	5 Council Members, Elected by District
Total City Staff	67 Full Time, 8 Part Time

Service Area Information

Incorporated Area (Sq. Mi.)	6.51
Population	32,943
Unincorporated Population of SOI	N/A

Service Summary

Service or Department	Provider
Law Enforcement	OCSD
Fire Protection/Emergency Medical	OCFA
Building/Planning	Dana Point
Housing	Dana Point
Code Enforcement	Dana Point
Animal Control	Dana Point (contractual agreement with Coastal Animal Services Authority)
Parks and Recreation	Dana Point
Library	County of Orange
Museum	N/A
Landscape Maintenance	Dana Point
Lighting	SDGE
Streets/Road Maintenance	Dana Point
Electricity/Gas	San Diego Gas & Electric
Solid Waste	CR&R
Stormwater Protection	Dana Point
Water	South Coast Water District, Moulton Niguel Water District
Wastewater	SCWD, SOCWA, SMWD
Wholesale Water	Municipal Water District of Orange County
Cemetery	Orange County Cemetery District
Vector Control	Orange County Mosquito & Vector Control District

Demographics Summary

Dana Point

Population & Density	Agency	County
2020 Population	33,107	3,186,989
2022 Population	32,943	3,203,504
2027 Population ¹	33,994	3,198,933
2022-2027 Projected Growth Rate (%)	3.2% >	-0.1%
Daytime Population	31,887	3,284,351
Unincorporated SOI Population	-	-
Households	14,359	1,082,175
Household Size	2.29 <	2.96
Area (Square Miles)	6.51	948.00
Density (Persons per Square Mile)	5,060 >	3,379
Housing		
Housing Units	16,379	1,142,029
Owner Occupied (%)	56% >	55%
Renter Occupied (%)	32% <	40%
Vacant %	12% >	5%
Median Home Value	\$ 962,378 >	\$ 783,700
Employment & Poverty		
Businesses	2,064	176,208
Employees	13,838	1,631,636
Median Household Income	\$ 119,867 >	\$ 105,674
Public Transportation Commuters (%)	1.9% >	1.8%
Commute Longer than 60 Minutes (%)	10.2% >	9.5%
Poverty Rate	5.1% <	9.9%

¹2027 Population estimate is a projection only.

Source: US Census Bureau, DOF Population and Housing Estimates (Cities), ESRI Business Analyst

Cash Flow FY 18-19 to FY 20-21

Dana Point

Financial Summary ¹	2018-19	2019-20	2020-21
Revenue	\$ 39,020,904	\$ 38,326,095	\$ 41,415,544
Expenditures	36,409,765	36,287,179	34,054,359
Net	\$ 2,611,139	\$ 2,038,916	\$ 7,361,185
Reserves	\$ 7,351,000	\$ 10,623,042	\$ 10,736,189

¹"Reserves" per City policy commitments of unassigned fund balance. Reserves designated for Economic Stability and Extreme Events are less than total unassigned fund balance.

Source: Berkson & Associates, Agency Audits & Budgets



	<h2>City of Dana Point</h2> <p><i>Source: RSG Inc., ESRI, OCLAFCO</i></p>	
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City of Laguna Beach

Incorporated June 29, 1927

Agency Information

Address	505 Forest Ave, Laguna Beach, CA 92651
Primary Contact	Shohreh Dupuis, City Manager
Contact Information	(949) 497-0704
Website	www.lagunabeachcity.net
Governance	5 Council Members, Elected At-Large
Total City Staff	290.68 FTE

Service Area Information

Incorporated Area (Sq. Mi.)	8.84
Population	22,706
Unincorporated Population of SOI	N/A

Service Summary

Service or Department	Provider
Law Enforcement	Laguna Beach
Fire Protection/Emergency Medical	Laguna Beach
Building/Planning	Laguna Beach
Housing	Laguna Beach
Code Enforcement	Laguna Beach
Animal Control	Laguna Beach
Parks and Recreation	Laguna Beach
Library	County of Orange
Museum	Laguna Art Museum
Landscape Maintenance	Laguna Beach
Lighting	Laguna Beach, SCE, SDG&E
Streets/Road Maintenance	Laguna Beach
Electricity/Gas	SCE/SDG&E/SoCal Gas
Solid Waste	Waste Management
Stormwater Protection	N/A
Water	Laguna Beach County Water District, South Coast Water District
Wastewater	Laguna Beach, SOCWA, SCWD
Wholesale Water	Municipal Water District of Orange County
Cemetery	Orange County Cemetery District
Vector Control	Orange County Mosquito & Vector Control District

Demographics Summary

Laguna Beach

Population & Density	Agency	County
2020 Population	23,032	3,186,989
2022 Population	22,706	3,203,504
2027 Population ¹	22,271	3,198,933
2022-2027 Projected Growth Rate (%)	-1.9% <	-0.1%
Daytime Population	28,215	3,284,351
Unincorporated SOI Population	-	-
Households	10,771	1,082,175
Household Size	2.11 <	2.96
Area (Square Miles)	8.84	948.00
Density (Persons per Square Mile)	2,569 <	3,379
Housing		
Housing Units	13,025	1,142,029
Owner Occupied (%)	52% <	55%
Renter Occupied (%)	29% <	40%
Vacant %	19% >	5%
Median Home Value	\$ 1,865,589 >	\$ 783,700
Employment & Poverty		
Businesses	2,777	176,208
Employees	16,992	1,631,636
Median Household Income	\$ 159,682 >	\$ 105,674
Public Transportation Commuters (%)	1.0% <	1.8%
Commute Longer than 60 Minutes (%)	8.3% <	9.5%
Poverty Rate	6.2% <	9.9%

¹2027 Population estimate is a projection only.

Source: US Census Bureau, DOF Population and Housing Estimates (Cities), ESRI Business Analyst

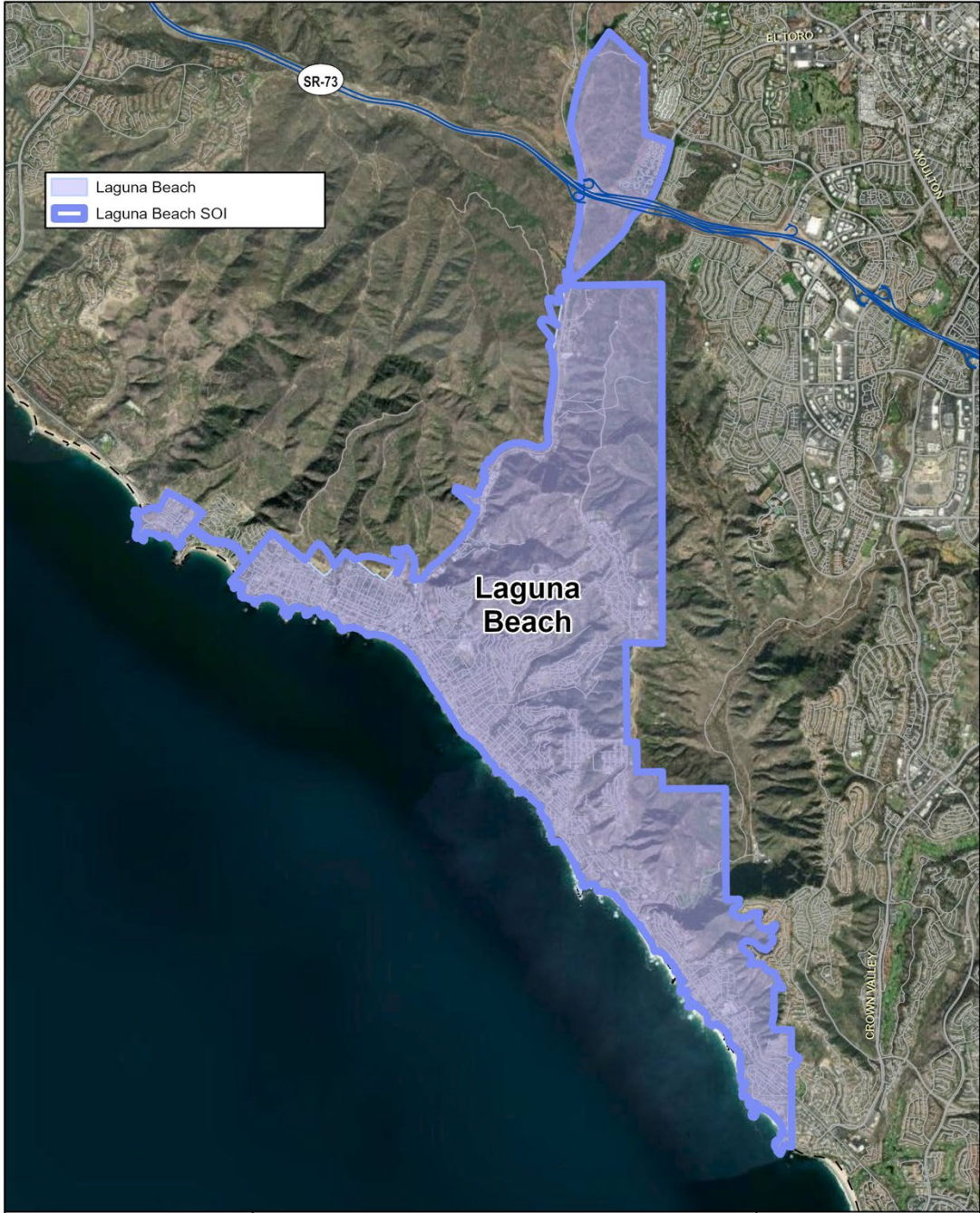
Cash Flow FY 18-19 to FY 20-21



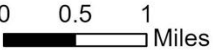
Laguna Beach

Financial Summary ¹	2018-19	2019-20	2020-21
Revenue	\$ 88,020,317	\$ 80,357,811	\$ 92,717,406
Expenditures	79,906,315	79,714,372	81,430,309
Net	\$ 8,114,002	\$ 643,439	\$ 11,287,097
Reserves	\$ 27,530,330	\$ 23,406,015	\$ 26,195,065

¹"Reserves" based on unassigned fund balance. City indicates its Municipal Code Requires a 10% General Fund Reserve and the City has a 10% Disaster Contingency Reserve (Response to MSR Data Request).

Source: Berkson & Associates, Agency Audits & Budgets



	<h3>City of Laguna Beach</h3>	
	<p>Source: RSG Inc., ESRI, OCLAFCO</p>	

City of Laguna Hills

Incorporated December 20, 1991

Agency Information

Address	24035 El Toro Rd, Laguna Hills, CA 92653
Primary Contact	Jarad Hildenbrand, City Manager
Contact Information	949-707-2620
Website	www.ci.laguna-hills.ca.us
Governance	5 Council Members, Elected At-Large
Total City Staff	25 Full Time, 2.75 Part Time

Service Area Information

Incorporated Area (Sq. Mi.)	6.65
Population	30,750
Unincorporated Population of SOI	N/A

Service Summary

<u>Service or Department</u>	<u>Provider</u>
Law Enforcement	OCSD
Fire Protection/Emergency Medical	OCFA
Building/Planning	Laguna Hills
Housing	Laguna Hills
Code Enforcement	Laguna Hills
Animal Control	Laguna Hills (contractual agreement with Mission Viejo)
Parks and Recreation	Laguna Hills
Library	County of Orange
Museum	N/A
Landscape Maintenance	Laguna Hills
Lighting	Laguna Hills
Streets/Road Maintenance	Laguna Hills
Electricity/Gas	SCE/SoCal Gas
Solid Waste	CR&R
Stormwater Protection	Laguna Hills
Water	Moulton Niguel Water District, El Toro Water District
Wastewater	Moulton Niguel Water District, El Toro Water District, SOCWA
Wholesale Water	Municipal Water District of Orange County
Cemetery	Orange County Cemetery District
Vector Control	Orange County Mosquito & Vector Control District

Demographics Summary

Laguna Hills

Population & Density	Agency	County
2020 Population	31,374	3,186,989
2022 Population	30,750	3,203,504
2027 Population ¹	31,276	3,198,933
2022-2027 Projected Growth Rate (%)	1.7% >	-0.1%
Daytime Population	37,754	3,284,351
Unincorporated SOI Population	-	-
Households	10,951	1,082,175
Household Size	2.81 <	2.96
Area (Square Miles)	6.65	948.00
Density (Persons per Square Mile)	4,626 >	3,379
Housing		
Housing Units	11,430	1,142,029
Owner Occupied (%)	68% >	55%
Renter Occupied (%)	30% <	40%
Vacant %	2% <	5%
Median Home Value	\$ 820,467 >	\$ 783,700
Employment & Poverty		
Businesses	2,912	176,208
Employees	20,391	1,631,636
Median Household Income	\$ 118,475 >	\$ 105,674
Public Transportation Commuters (%)	1.2% <	1.8%
Commute Longer than 60 Minutes (%)	7.8% <	9.5%
Poverty Rate	8.7% <	9.9%

¹2027 Population estimate is a projection only.

Source: US Census Bureau, DOF Population and Housing Estimates (Cities), ESRI Business Analyst

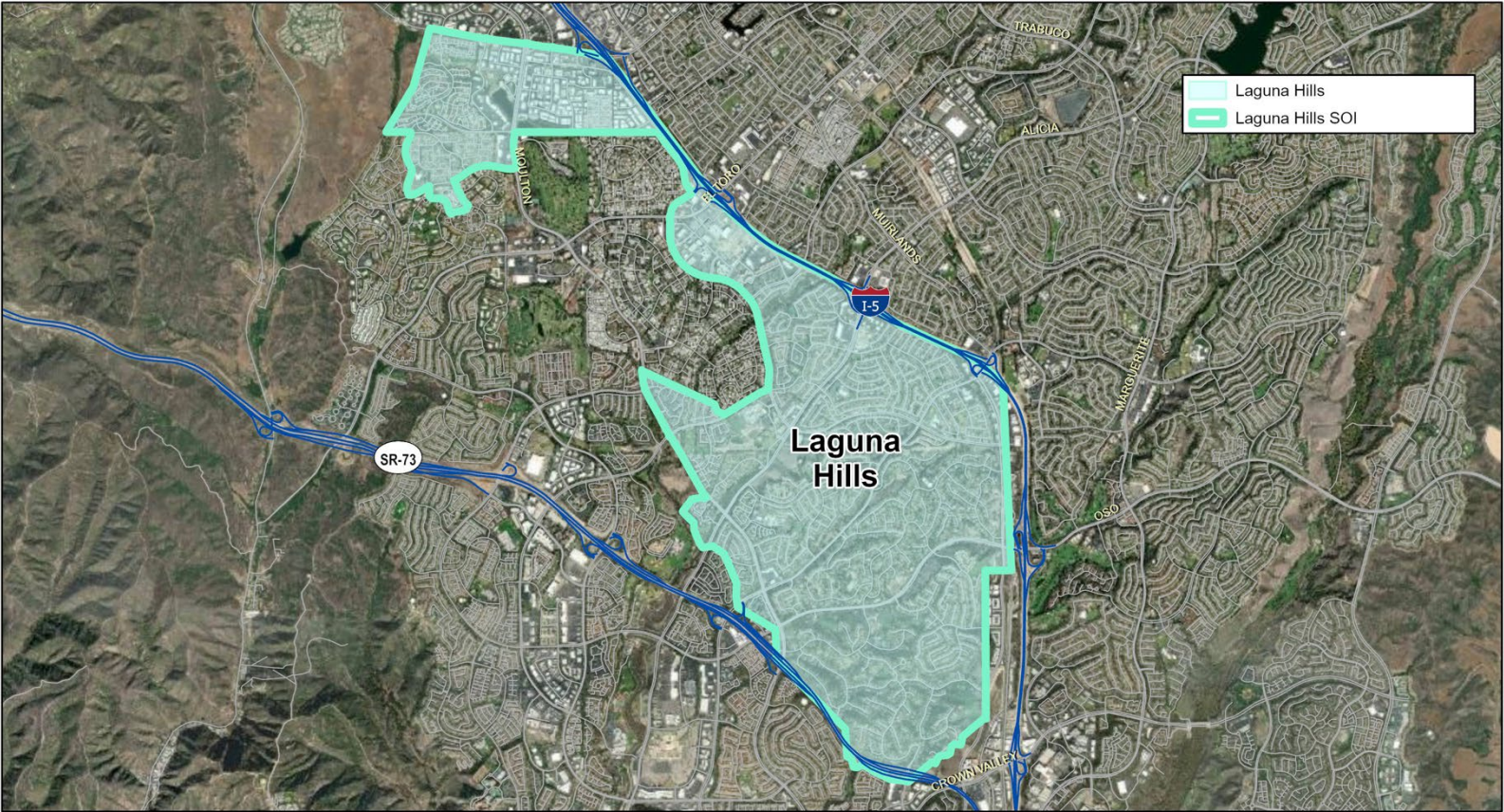
Cash Flow FY 18-19 to FY 20-21

Laguna Hills

Financial Summary ¹	2018-19	2019-20	2020-21
Revenue	\$ 22,047,533	\$ 21,243,012	\$ 22,752,294
Expenditures	19,725,985	19,503,425	20,590,720
Net	\$ 2,321,548	\$ 1,739,587	\$ 2,161,574
Reserves	\$ 7,161,146	\$ 7,487,247	\$ 7,824,536

¹"Reserves" based on unassigned General fund balance. City policy strives to maintain a minimum Fund Balance Reserve of 35% of operating budget for contingencies, calamitous events, economic uncertainty and cash flow fluctuations.

Source: Berkson & Associates, Agency Audits & Budgets



	<h2>City of Laguna Hills</h2> <p><i>Source: RSG Inc., ESRI, OCLAFCO</i></p>	
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City of Laguna Niguel

Incorporated December 1, 1989

Agency Information

Address	30111 Crown Valley Pkwy, Laguna Niguel, CA 92677
Primary Contact	Tamara Letourneau, City Manager
Contact Information	949-362-4300
Website	www.cityoflagunaniguel.org
Governance	5 Council Members, Elected At-Large
Total City Staff	64 FTE

Service Area Information

Incorporated Area (Sq. Mi.)	14.79
Population	64,316
Unincorporated Population of SOI	N/A

Service Summary

Service or Department	Provider
Law Enforcement	OCSD
Fire Protection/Emergency Medical	OCFA
Building/Planning	Laguna Niguel
Housing	Laguna Niguel
Code Enforcement	Laguna Niguel
Animal Control	Laguna Niguel (contractual agreement with Mission Viejo)
Parks and Recreation	Laguna Niguel
Library	Laguna Niguel
Museum	County of Orange
Landscape Maintenance	Laguna Niguel
Lighting	Laguna Niguel
Streets/Road Maintenance	Laguna Niguel
Electricity/Gas	SDG&E, SCE, SoCal Gas
Solid Waste	CR&R
Stormwater Protection	Laguna Niguel
Water	Moulton Niguel Water District
Wastewater	Moulton Niguel Water District, SOCWA
Wholesale Water	Municipal Water District of Orange County
Cemetery	Orange County Cemetery District
Vector Control	Orange County Mosquito & Vector Control District

Demographics Summary

Laguna Niguel

Population & Density	Agency	County
2020 Population	64,355	3,186,989
2022 Population	64,316	3,203,504
2027 Population ¹	63,771	3,198,933
2022-2027 Projected Growth Rate (%)	-0.8% <	-0.1%
Daytime Population	55,490	3,284,351
Unincorporated SOI Population	-	-
Households	25,703	1,082,175
Household Size	2.50 <	2.96
Area (Square Miles)	14.79	948.00
Density (Persons per Square Mile)	4,349 >	3,379
Housing		
Housing Units	27,822	1,142,029
Owner Occupied (%)	65% >	55%
Renter Occupied (%)	27% <	40%
Vacant %	8% >	5%
Median Home Value	\$ 943,144 >	\$ 783,700
Employment & Poverty		
Businesses	3,018	176,208
Employees	20,900	1,631,636
Median Household Income	\$ 131,037 >	\$ 105,674
Public Transportation Commuters (%)	0.5% <	1.8%
Commute Longer than 60 Minutes (%)	9.0% <	9.5%
Poverty Rate	6.7% <	9.9%

¹2027 Population estimate is a projection only.

Source: US Census Bureau, DOF Population and Housing Estimates (Cities), ESRI Business Analyst

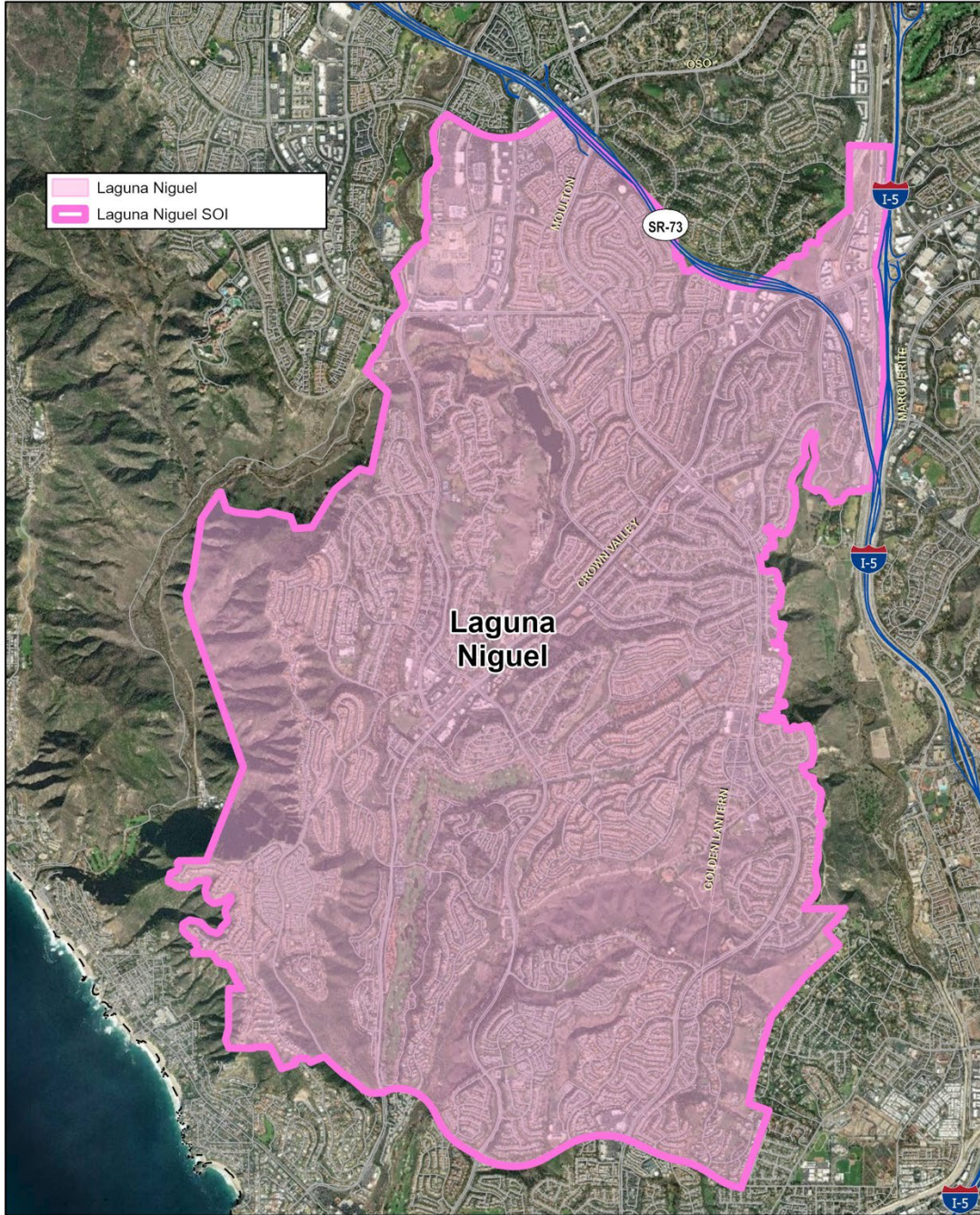
Cash Flow FY 18-19 to FY 20-21

Laguna Niguel

Financial Summary ¹	2018-19	2019-20	2020-21
Revenue	\$ 43,809,474	\$ 44,183,014	\$ 45,750,457
Expenditures	38,213,862	40,501,961	39,338,865
Net	\$ 5,595,612	\$ 3,681,053	\$ 6,411,592
Reserves	\$ -	\$ 20,250,975	\$ 19,669,431

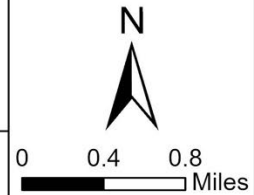
¹"Reserves" shown based on General Fund Balance committed to financial and economic uncertainty (City budgets beginning FY 2019-20). Total reserves including capital and other reserves were \$57.4 mill. (FY19), \$41.7 mill. (FY20) and \$46.3 mill. (FY22) per Annual Comprehensive Financial Reports.

Source: Berkson & Associates, Agency Audits & Budgets



City of Laguna Niguel

Source: RSG Inc., ESRI, OCLAFCO



City of Laguna Woods

Incorporated March 24, 1999

Agency Information

Address	24264 El Toro Rd, Laguna Woods, CA 92637
Primary Contact	Christopher Macon, City Manager
Contact Information	949-639-0525
Website	www.cityoflagunawoods.org
Governance	5 Council Members, Elected At-Large
Total City Staff	10.25 FTE

Service Area Information

Incorporated Area (Sq. Mi.)	3.31
Population	17,514
Unincorporated Population of SOI	N/A

Service Summary

<u>Service or Department</u>	<u>Provider</u>
Law Enforcement	OCSD
Fire Protection/Emergency Medical	OCFA
Building/Planning	Laguna Woods, (contractual agreement with Bureau Veritas North America)
Housing	Laguna Woods
Code Enforcement	Laguna Woods, (contractual agreement with Willdan Engineering)
Animal Control	Laguna Woods (contractual agreement Laguna Beach)
Parks and Recreation	Laguna Woods
Library	County of Orange
Museum	N/A
Landscape Maintenance	Laguna Woods, (contractual agreement with BrightView Landscape Services (HOA))
Lighting	Laguna Woods, (contractual agreement with Siemens Mobility)
Streets/Road Maintenance	Laguna Woods
Electricity/Gas	SCE/SoCal Gas
Solid Waste	CR&R
Stormwater Protection	Laguna Woods
Water	El Toro Water District
Wastewater	El Toro Water District, SOCWA
Wholesale Water	Municipal Water District of Orange County
Cemetery	Orange County Cemetery District
Vector Control	Orange County Mosquito & Vector Control District

Demographics Summary

Laguna Woods

Population & Density	Agency	County
2020 Population	17,644	3,186,989
2022 Population	17,514	3,203,504
2027 Population ¹	17,977	3,198,933
2022-2027 Projected Growth Rate (%)	2.6% >	-0.1%
Daytime Population	20,225	3,284,351
Unincorporated SOI Population	-	-
Households	11,963	1,082,175
Household Size	1.46 <	2.96
Area (Square Miles)	3.31	948.00
Density (Persons per Square Mile)	5,297 >	3,379
Housing		
Housing Units	13,414	1,142,029
Owner Occupied (%)	65% >	55%
Renter Occupied (%)	24% <	40%
Vacant %	11% >	5%
Median Home Value	\$ 435,864 <	\$ 783,700
Employment & Poverty		
Businesses	379	176,208
Employees	5,749	1,631,636
Median Household Income	\$ 51,641 <	\$ 105,674
Public Transportation Commuters (%)	1.1% <	1.8%
Commute Longer than 60 Minutes (%)	6.2% <	9.5%
Poverty Rate	10.2% >	9.9%

¹ 2027 Population estimate is a projection only.

Source: US Census Bureau, DOF Population and Housing Estimates (Cities), ESRI Business Analyst

Cash Flow FY 18-19 to FY 20-21

Laguna Woods

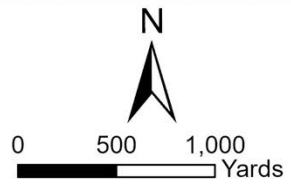
Financial Summary ¹	2018-19	2019-20	2020-21
Revenue	\$ 6,351,788	\$ 6,147,530	\$ 6,030,918
Expenditures	6,423,364	5,872,459	5,920,678
Net	\$ (71,576)	\$ 275,071	\$ 110,240
Reserves	\$ 9,358,299	\$ 7,089,455	\$ 7,109,867

¹"Reserves" based on unassigned General Fund balance. City targets committed and assigned reserves from unassigned fund balance of 50% of ongoing General Fund revenues for General Contingency, self-insurance, and paid leave Reserve (approx. \$3 mill. in FY2022-23 budget).

Source: Berkson & Associates, Agency Audits & Budgets



City of Laguna Woods



Source: RSG Inc., ESRI, OCLAFCO



El Toro Water District

Incorporated in 1960

District Information

Address	24251 Los Alisos Blvd, Lake Forest, CA 92630
Primary Contact	Dennis Cafferty, General Manager
Contact Information	dcafferty@etwd.com
Website	www.etwd.com
Governance	5 Board Members, Elected At-Large
District Type	Independent Special District
Total Agency Staff	60 Full Time, 2 Part Time

Service Area Information

Incorporated Area (Sq. Mi.)	8.24
Communities Served	City of Laguna Woods, and portions of the Cities of Aliso Viejo, Lake Forest, Laguna Hills, and Mission Viejo
Population Served	53,062
Municipal Water Connections	9,536

Services Provided

- Potable water for various customer uses with approximately 287 million gallons of reservoir space.
- Sanitation/Wastewater services with 158 miles of sewer lines.
- Recycled water services with 24.9 miles of dedicated pipelines.

Demographics Summary

El Toro Water District

Population & Density	Agency	County
2020 Population	52,024	3,186,989
2022 Population	53,062	3,203,504
2027 Population ¹	52,864	3,198,933
2022-2027 Projected Growth Rate (%)	-0.4% <	-0.1%
Daytime Population	58,431	3,284,351
Unincorporated SOI Population	-	-
Households	23,134	1,082,175
Household Size	2.29 <	2.96
Area (Square Miles)	8.24	948.00
Density (Persons per Square Mile)	6,436 >	3,379
Housing		
Housing Units	24,921	1,142,029
Owner Occupied (%)	65% >	55%
Renter Occupied (%)	28% <	40%
Vacant %	7% >	5%
Median Home Value	\$ 572,348 <	\$ 783,700
Employment & Poverty		
Businesses	3,433	176,208
Employees	27,750	1,631,636
Median Household Income	\$ 72,230 <	\$ 105,674
Public Transportation Commuters (%)	2.4% >	1.8%
Commute Longer than 60 Minutes (%)	5.7% <	9.5%
Poverty Rate	9.8% <	9.9%

¹2027 Population estimate is a projection only.

Source: US Census Bureau, DOF Population and Housing Estimates (Cities), ESRI Business Analyst

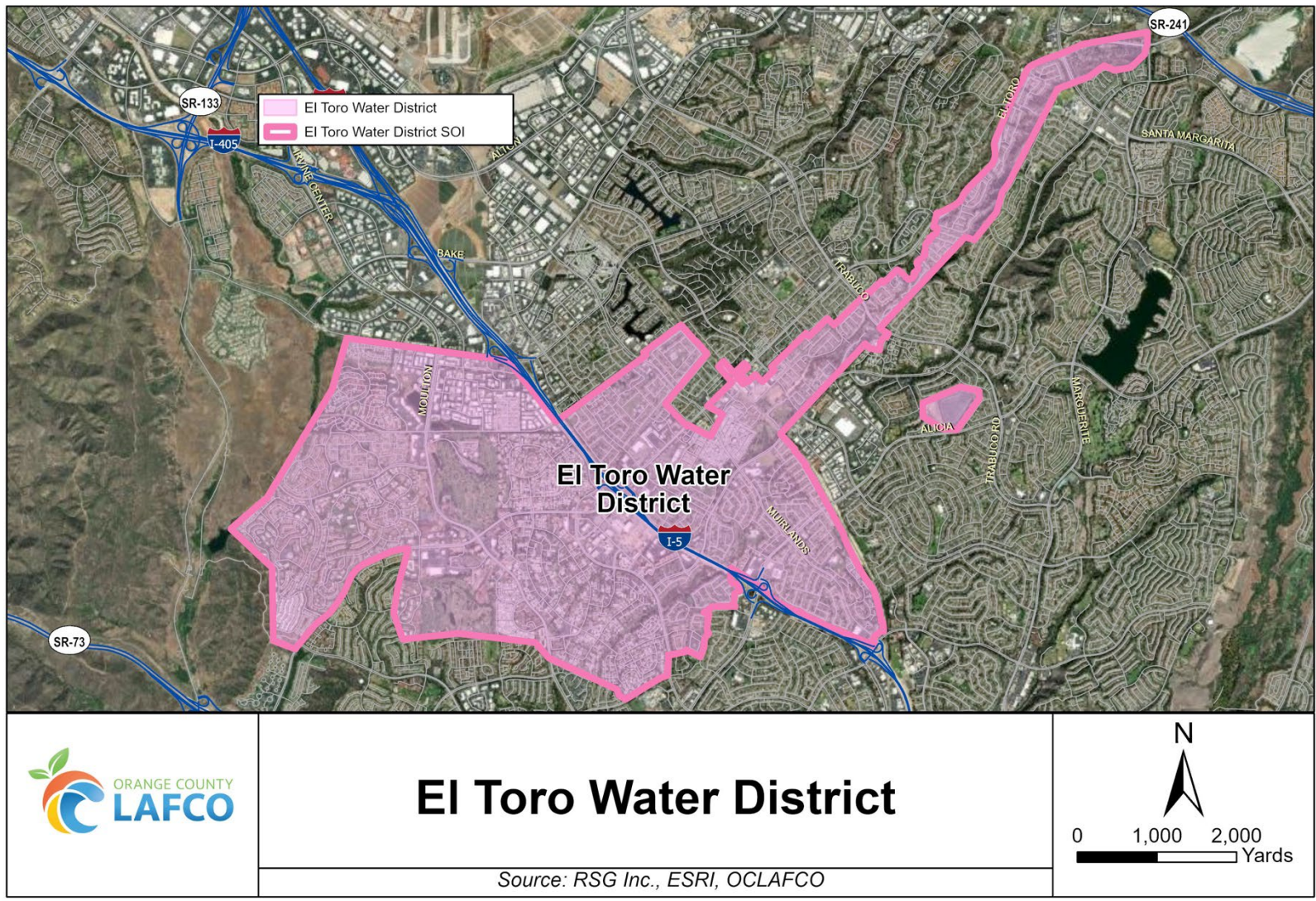
Cash Flow FY 18-19 to FY 20-21

El Toro Water District

Financial Summary ¹	2018-19	2019-20	2020-21
Revenue	\$ 26,537,536	\$ 25,954,017	\$ 27,349,923
Expenditures	26,928,835	27,981,030	29,244,287
Net	\$ (391,299)	\$ (2,027,013)	\$ (1,894,364)
Reserves	\$ 6,121,392	\$ 4,989,655	\$ 2,472,175

¹"Reserves" shown are based on Unrestricted Net Position. "Cash and Cash Equivalents" meet Board mandated policy levels, but debt and other liabilities reduce Unrestricted Net Position to an amount less than the reserve targets.

Source: Berkson & Associates, Agency Audits & Budgets



Laguna Beach County Water District

Incorporated in 1925

Became Subsidiary of City on November 1, 2000

District Information

Address	306 3rd St, Laguna Beach, CA 92651
Primary Contact	Keith Van Der Maaten, General Manager
Contact Information	949-494-1041
Website	www.lbcwd.org
Governance	5 City Council Members ; 5 Water Commissioners appointed by City Council
District Type	Dependent Special District (Subsidiary of the City of Laguna Beach)
Total Agency Staff	39 FTE

Service Area Information

Incorporated Area (Sq. Mi.)	8.5
Communities Served	City of Laguna Beach and Unincorporated Community of Emerald Bay
Population Served	18,257
Municipal Water Connections	8,703

Services Provided

- Provides water for various customer uses through 21 water storage reservoirs, a capacity of 33.5 million gallons.
- Potable water provided to customers.

Demographics Summary

Laguna Beach County Water District

Population & Density	Agency	County
2020 Population	18,392	3,186,989
2022 Population	18,257	3,203,504
2027 Population ¹	18,017	3,198,933
2022-2027 Projected Growth Rate (%)	-1.3% <	-0.1%
Daytime Population	21,902	3,284,351
Unincorporated SOI Population	-	-
Households	8,660	1,082,175
Household Size	2.11 <	2.96
Area (Square Miles)	8.50	948.00
Density (Persons per Square Mile)	2,148 <	3,379
Housing		
Housing Units	10,219	1,142,029
Owner Occupied (%)	52% <	55%
Renter Occupied (%)	33% <	40%
Vacant %	15% >	5%
Median Home Value	\$ 1,821,790 >	\$ 783,700
Employment & Poverty		
Businesses	2,455	176,208
Employees	13,324	1,631,636
Median Household Income	\$ 153,642 >	\$ 105,674
Public Transportation Commuters (%)	1.1% <	1.8%
Commute Longer than 60 Minutes (%)	7.8% <	9.5%
Poverty Rate	6.3% <	9.9%

¹2027 Population estimate is a projection only.

Source: US Census Bureau, DOF Population and Housing Estimates (Cities), ESRI Business Analyst

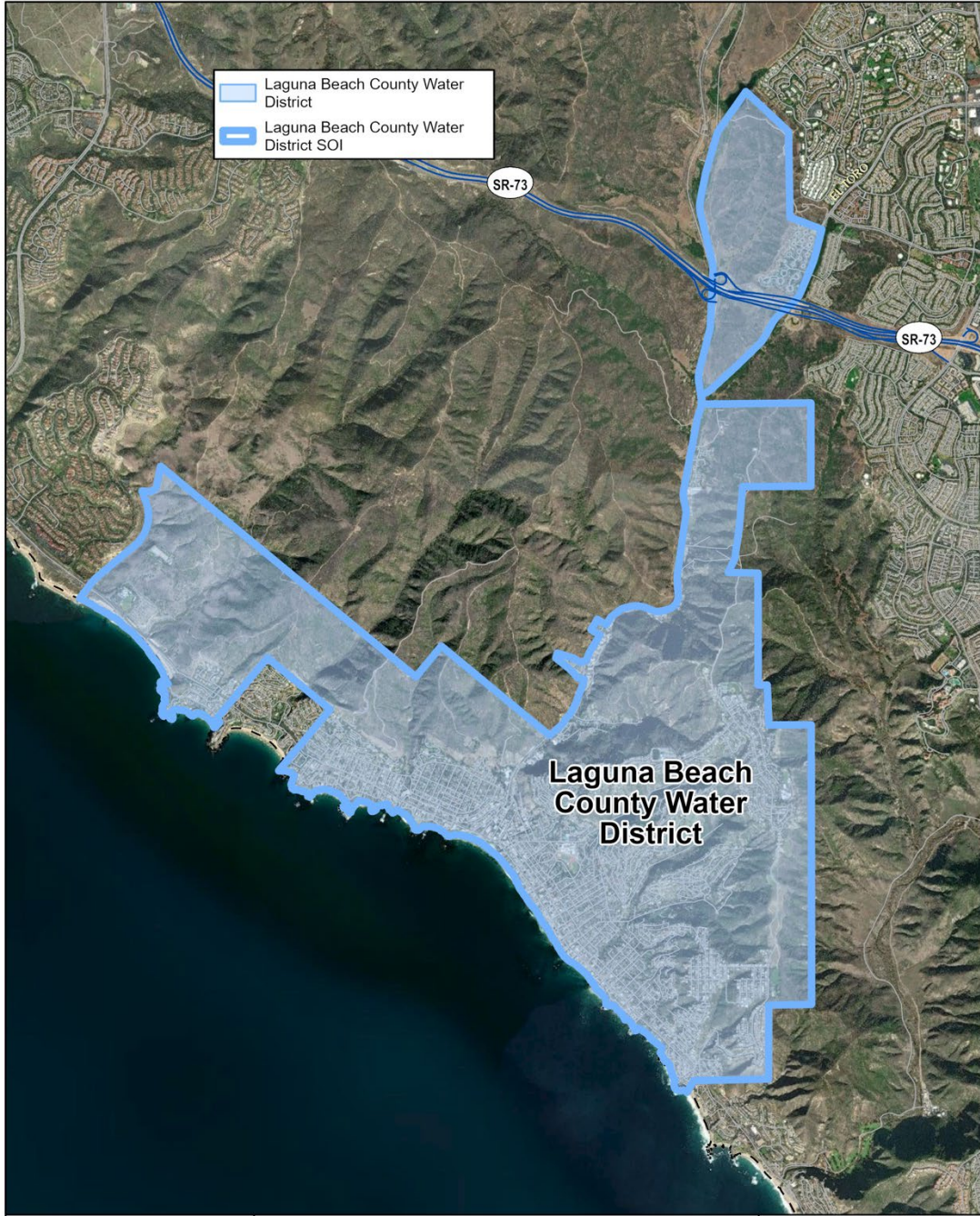
Cash Flow FY 18-19 to FY 20-21



Laguna Beach County Water District

Financial Summary ¹	2018-19	2019-20	2020-21
Revenue	\$ 14,832,343	\$ 14,735,009	\$ 17,293,460
Expenditures	13,118,553	13,430,634	15,403,586
Net	\$ 1,713,790	\$ 1,304,375	\$ 1,889,874
Reserves	\$ 13,289,814	\$ 12,890,018	\$ 15,030,315

¹"Reserves" based on unrestricted net position designations to Emergency Reserves and Operating Reserves (see notes to financial reports).

Source: Berkson & Associates, Agency Audits & Budgets



	Laguna Beach County Water District	 0 2,000 4,000 Feet
	<i>Source: RSG Inc., ESRI, OCLAFCO</i>	

Moulton Niguel Water District

Incorporated in 1960

District Information

Address	26161 Gordon Rd, Laguna Hills, CA 92653
Primary Contact	Joone Lopez, General Manager
Contact Information	949-831-2500
Website	www.mnwd.com
Governance	7 Board Members, Elected At-Large
District Type	Independent Special District
Total Agency Staff	180 FTE

Service Area Information

Incorporated Area (Sq. Mi.)	36.83
Communities Served	Cities of Aliso Viejo and Laguna Niguel, and portions of Laguna Hills, Mission Viejo, Dana Point, and San Juan Capistrano
Population Served	170,167
Municipal Water Connections	55,013

Services Provided

- Potable water, wastewater, and recycled water services are provided to customers.

Demographics Summary

Moulton Niguel Water District

Population & Density	Agency	County
2020 Population	170,015	3,186,989
2022 Population	170,167	3,203,504
2027 Population ¹	168,311	3,198,933
2022-2027 Projected Growth Rate (%)	-1.1% <	-0.1%
Daytime Population	164,577	3,284,351
Unincorporated SOI Population	-	-
Households	64,556	1,082,175
Household Size	2.64 <	2.96
Area (Square Miles)	36.83	948.00
Density (Persons per Square Mile)	4,620 >	3,379
Housing		
Housing Units	67,869	1,142,029
Owner Occupied (%)	64% >	55%
Renter Occupied (%)	31% <	40%
Vacant %	5% <	5%
Median Home Value	\$ 839,922 >	\$ 783,700
Employment & Poverty		
Businesses	9,288	176,208
Employees	76,073	1,631,636
Median Household Income	\$ 128,639 >	\$ 105,674
Public Transportation Commuters (%)	0.8% <	1.8%
Commute Longer than 60 Minutes (%)	8.5% <	9.5%
Poverty Rate	6.0% <	9.9%

¹2027 Population estimate is a projection only.

Source: US Census Bureau, DOF Population and Housing Estimates (Cities), ESRI Business Analyst

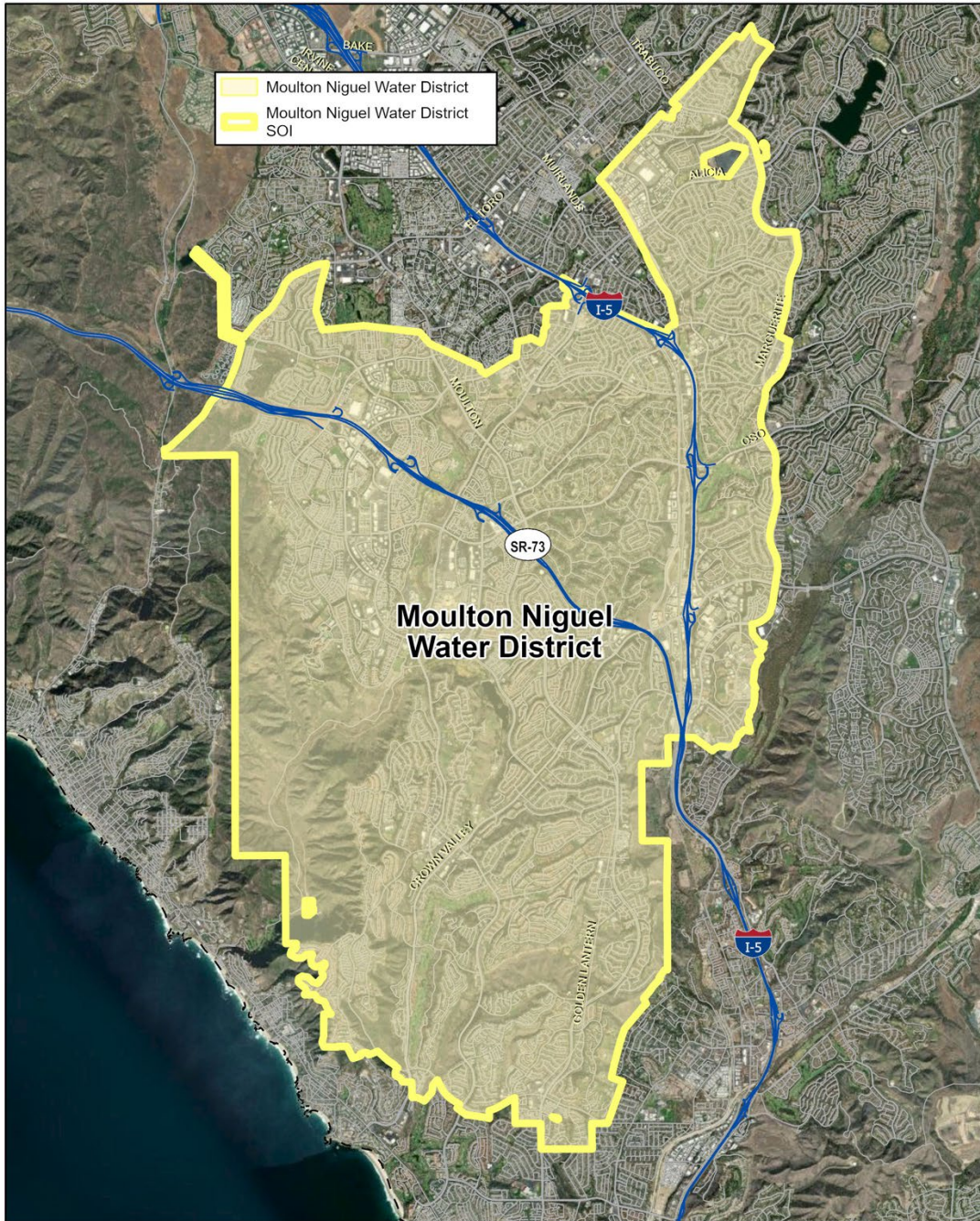
Cash Flow FY 18-19 to FY 20-21


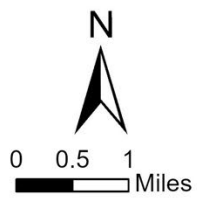
Moulton Niguel Water District

Financial Summary¹	2018-19	2019-20	2020-21
Revenue	\$ 63,948,990	\$ 65,223,873	\$ 72,134,904
Expenditures	91,115,002	96,220,339	101,350,805
Net	\$ (27,166,012)	\$ (30,996,466)	\$ (29,215,901)
Reserves	\$ 59,501,827	\$ 83,711,877	\$ 66,334,668

¹"Reserves" based on unrestricted net position designations to Emergency Reserves and Operating Reserves (see notes to financial reports).

Source: Berkson & Associates, Agency Audits & Budgets



	<h2>Moulton Niguel Water District</h2> <p>Source: RSG Inc., ESRI, OCLAFCO</p>	
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South Coast Water District

Incorporated in 1932

District Information

Address	31592 West St, Laguna Beach, CA 92651
Primary Contact	Jody Brennan, Clerk of the Board
Contact Information	949-499-4555
Website	www.scwd.org
Governance	5 Board Members, Elected by District
District Type	Independent Special District
Total Agency Staff	95 FTE

Service Area Information

Incorporated Area (Sq. Mi.)	8.99
Communities Served	South Laguna Beach, portions of San Clemente and San Juan Capistrano, City of Dana Point
Population Served	33,897
Municipal Water Connections	12,562

Services Provided

- Potable water, wastewater, and recycled water services are provided to customers.

Demographics Summary

South Coast Water District

Population & Density	Agency	County
2020 Population	33,241	3,186,989
2022 Population	33,897	3,203,504
2027 Population ¹	34,211	3,198,933
2022-2027 Projected Growth Rate (%)	0.9% >	-0.1%
Daytime Population	32,060	3,284,351
Unincorporated SOI Population	-	-
Households	14,361	1,082,175
Household Size	2.36 <	2.96
Area (Square Miles)	8.99	948.00
Density (Persons per Square Mile)	3,771 >	3,379
Housing		
Housing Units	16,406	1,142,029
Owner Occupied (%)	57% >	55%
Renter Occupied (%)	31% <	40%
Vacant %	12% >	5%
Median Home Value	\$ 966,340 >	\$ 783,700
Employment & Poverty		
Businesses	2,008	176,208
Employees	13,618	1,631,636
Median Household Income	\$ 118,457 >	\$ 105,674
Public Transportation Commuters (%)	1.5% <	1.8%
Commute Longer than 60 Minutes (%)	10.3% >	9.5%
Poverty Rate	5.1% <	9.9%

¹2027 Population estimate is a projection only.

Source: US Census Bureau, DOF Population and Housing Estimates (Cities), ESRI Business Analyst

Cash Flow FY 18-19 to FY 20-21

South Coast Water District

Financial Summary ¹	2018-19	2019-20	2020-21
Revenue	\$ 39,432,332	\$ 39,395,159	\$ 44,575,807
Expenditures	39,442,843	36,042,676	41,356,292
Net	\$ (10,511)	\$ 3,352,483	\$ 3,219,515
Reserves	\$ 9,043,169	\$ 43,648,035	\$ 47,113,607

¹"Reserves" based on unrestricted net position. FY2018-19 bond obligations increased significantly and reduced net position in that year. Financial reports did not state designated reserves. The District's operating reserve policy requires the District to maintain a required number of days of cash.

Source: Berkson & Associates, Agency Audits & Budgets



	<h2>South Coast Water District</h2> <p><i>Source: RSG Inc., ESRI, OCLAFCO</i></p>	
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Capistrano Bay Community Services District

Incorporated in 1959

District Information

Address	35000 Beach Rd, Capistrano Beach, CA 92624
Primary Contact	Donal Russell, General Manager
Contact Information	949-496-6576
Website	www.capobay.org
Governance	5 Board Members, Elected At-Large
District Type	Independent Special District
Total Agency Staff	2

Service Area Information

Incorporated Area (Sq. Mi.)	0.06
Communities Served	Portion of City of Dana Point
Population Served	145

Services Provided

- Provides Security, Streets/Roads Maintenance, Street Lighting, and Trash/Solid Waste Pickup services to residents.

Demographics Summary

Capistrano Bay Community Services District

Population & Density	Agency	County
2020 Population	147	3,186,989
2022 Population	145	3,203,504
2027 Population ¹	141	3,198,933
2022-2027 Projected Growth Rate (%)	-2.8% <	-0.1%
Daytime Population	128	3,284,351
Unincorporated SOI Population	-	-
Households	87	1,082,175
Household Size	1.67 <	2.96
Area (Square Miles)	0.06	948.00
Density (Persons per Square Mile)	2,398 <	3,379
Housing		
Housing Units	194	1,142,029
Owner Occupied (%)	42% <	55%
Renter Occupied (%)	3% <	40%
Vacant %	55% >	5%
Median Home Value	\$ 1,112,500 >	\$ 783,700
Employment & Poverty		
Businesses	9	176,208
Employees	31	1,631,636
Median Household Income	\$ 113,832 >	\$ 105,674
Public Transportation Commuters (%)	0.0% <	1.8%
Commute Longer than 60 Minutes (%)	5.3% <	9.5%
Poverty Rate	0.0% <	9.9%

¹2027 Population estimate is a projection only.

Source: US Census Bureau, DOF Population and Housing Estimates (Cities), ESRI Business Analyst

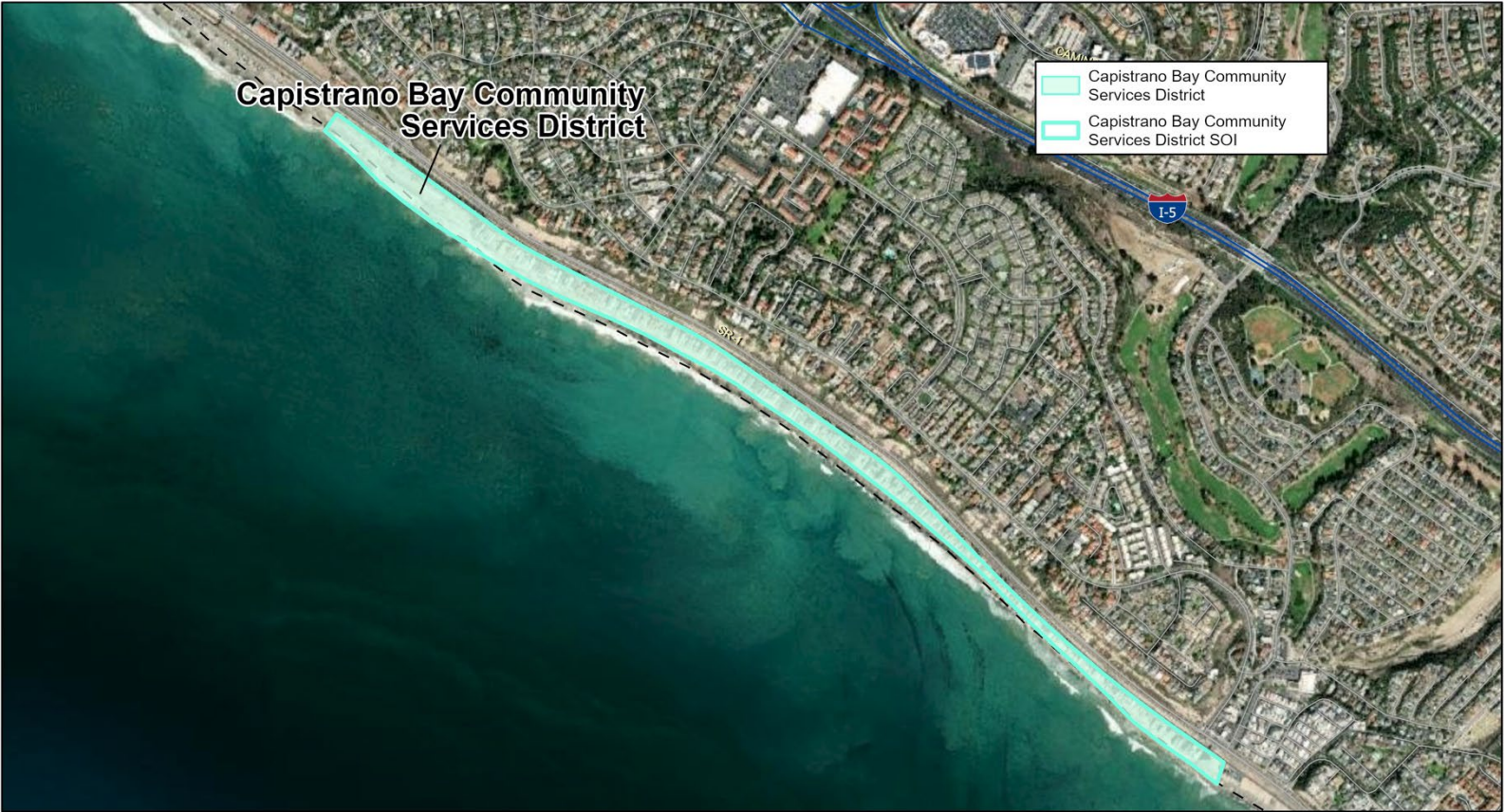
Cash Flow FY 18-19 to FY 20-21

Capistrano Bay Community Services District

Financial Summary ¹	2018-19	2019-20	2020-21
Revenue	\$ 1,310,898	\$ 1,237,782	\$ 1,402,026
Expenditures	1,117,084	970,052	1,124,473
Net	\$ 193,814	\$ 267,730	\$ 277,553
Reserves	\$ 2,019,309	\$ 2,018,897	\$ 2,303,238

¹"Reserves" based on unassigned fund balance. The District conducts an annual update to their Reserve Study.

Source: Berkson & Associates, Agency Audits & Budgets



	<h2>Capistrano Bay Community Services District</h2> <p><i>Source: RSG Inc., ESRI, OCLAFCO</i></p>	
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Emerald Bay Service District

Incorporated in 1961

District Information

Address	600 Emerald Bay Laguna Beach, California 92651
Primary Contact	Michael Dunbar, General Manager
Contact Information	949-494-8572
Website	www.emeraldbayservicedistrict.org
Governance	5 Board Members, Elected At-Large
District Type	Independent Special District
Total Agency Staff	1 FTE

Service Area Information

Incorporated Area (Sq. Mi.)	0.23
Communities Served	Unincorporated Area of Emerald Bay
Population Served	2,000

Services Provided

- Provides Parks and Recreation, Security Services, Streets & Roads Maintenance, Water, Wastewater, Solid Waste, and Fire Protection to residents.
- Provides retail water service through contract with Laguna Beach County Water District.

*For special events the District contracts with OC Sheriff to provide law enforcement; routine law enforcement is provided through County jurisdiction of unincorporated areas with the OC Sheriff as the District does not have full law enforcement authority.

Demographics Summary

Emerald Bay Service District

Population & Density	Agency	County
2020 Population	1,574	3,186,989
2022 Population	1,582	3,203,504
2027 Population ¹	1,590	3,198,933
2022-2027 Projected Growth Rate (%)	0.5% >	-0.1%
Daytime Population	762	3,284,351
Unincorporated SOI Population	-	-
Households	524	1,082,175
Household Size	3.02 >	2.96
Area (Square Miles)	0.23	948.00
Density (Persons per Square Mile)	6,790 >	3,379
Housing		
Housing Units	527	1,142,029
Owner Occupied (%)	90% >	55%
Renter Occupied (%)	10% <	40%
Vacant %	0% <	5%
Median Home Value	\$ 2,000,001 >	\$ 783,700
Employment & Poverty		
Businesses	25	176,208
Employees	229	1,631,636
Median Household Income	\$ 200,001 >	\$ 105,674
Public Transportation Commuters (%)	0.0% <	1.8%
Commute Longer than 60 Minutes (%)	0.0% <	9.5%
Poverty Rate	0.0% <	9.9%

¹2027 Population estimate is a projection only.

Source: US Census Bureau, DOF Population and Housing Estimates (Cities), ESRI Business Analyst

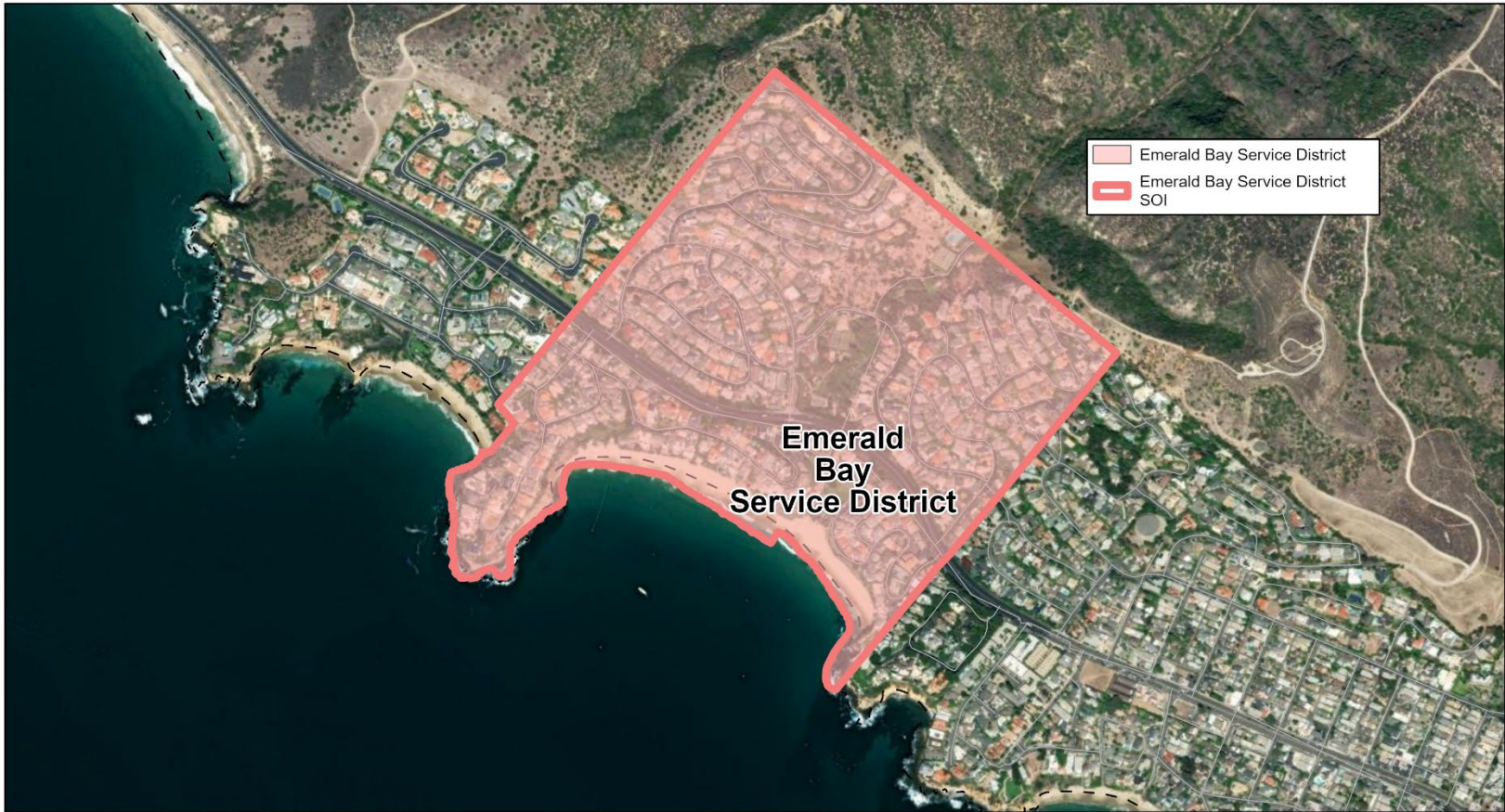
Cash Flow FY 18-19 to FY 20-21

Emerald Bay Service District

Financial Summary¹	2018-19	2019-20	2020-21
Revenue	\$ 2,765,556	\$ 2,770,850	\$ 2,897,437
Expenditures	2,431,981	2,868,505	2,280,507
Net	\$ 333,575	\$ (97,655)	\$ 616,930
Reserves	\$ 1,600,724	\$ 1,243,711	\$ 1,370,317

¹Table excludes capital contributions. "Reserves" based on unassigned fund balance.

Source: Berkson & Associates, Agency Audits & Budgets



	<h2>Emerald Bay Service District</h2> <p><i>Source: RSG Inc., ESRI, OCLAFCO</i></p>	
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Three Arch Bay Community Services District

Incorporated in 1957

District Information

Address	5 Bay Drive, Laguna Beach, CA
Primary Contact	Jeremy Pipp, General Manager
Contact Information	949-499-4567
Website	www.threearchbaycsd.org
Governance	5 Board Members, Elected At-Large
District Type	Independent Special District
Total Agency Staff	0 (No in-house Employment; District has Professional Services Agreement with Three Arch Bay Association)

Service Area Information

Incorporated Area (Sq. Mi.)	0.23
Communities Served	Portion of City of Laguna Beach
Population Served	1,004

Services Provided

- Provides Security and Stormwater Protection services to residents.

Demographics Summary

Three Arch Bay Community Services District

Population & Density	Agency	County
2020 Population	1,009	3,186,989
2022 Population	1,004	3,203,504
2027 Population ¹	988	3,198,933
2022-2027 Projected Growth Rate (%)	-1.6% <	-0.1%
Daytime Population	931	3,284,351
Unincorporated SOI Population	-	-
Households	363	1,082,175
Household Size	2.77 <	2.96
Area (Square Miles)	0.23	948.00
Density (Persons per Square Mile)	4,279 >	3,379
Housing		
Housing Units	488	1,142,029
Owner Occupied (%)	90% >	55%
Renter Occupied (%)	10% <	40%
Vacant %	0% <	5%
Median Home Value	\$ 2,000,001 >	\$ 783,700
Employment & Poverty		
Businesses	51	176,208
Employees	279	1,631,636
Median Household Income	\$ 200,001 >	\$ 105,674
Public Transportation Commuters (%)	0.0% <	1.8%
Commute Longer than 60 Minutes (%)	6.5% <	9.5%
Poverty Rate	5.7% <	9.9%

¹2027 Population estimate is a projection only.

Source: US Census Bureau, DOF Population and Housing Estimates (Cities), ESRI Business Analyst

Cash Flow FY 18-19 to FY 20-21

Three Arch Bay Community Services District

Financial Summary ¹	2018-19	2019-20	2020-21
Revenue	\$ 2,096,185	\$ 2,252,295	\$ 2,145,511
Expenditures	1,363,237	1,280,103	1,825,422
Net	\$ 732,948	\$ 972,192	\$ 320,089
Reserves	\$ 5,661,833	\$ 6,634,025	\$ 6,961,978

¹Revenues exclude "Other Sources" (proceeds). "Reserves" based on unassigned fund balance/net position (no designations indicated in financial reports).

Source: Berkson & Associates, Agency Audits & Budgets



	Three Arch Bay Community Services District	
	<i>Source: RSG Inc., ESRI, OCLAFCO</i>	

South Orange County Wastewater Authority

Founded in 2001

District Information

Address	34156 Del Obispo St, Dana Point, CA 92629
Primary Contact	Danita Hirsh, Executive Assistant to General Manager
Contact Information	949-234-5452
Website	www.socwa.com
Governance	Joint Powers Authority comprised of 7 Member Agencies
Total Agency Staff	62 FTE

Service Area Information

Incorporated Area (Sq. Mi.)	221
Communities Served	Cities of Aliso Viejo, Dana Point, Laguna Beach, Laguna Hills, Laguna Niguel, Laguna Woods, Lake Forest, Mission Viejo, Rancho Santa Margarita, San Juan Capistrano, San Clemente, and unincorporated communities.
Member Agencies	Emerald Bay CSD, ETWD, City of Laguna Beach, MNWD, City of San Clemente, Santa Margarita Water District, and SCWD
Population Served	593,660

Services Provided

- Provides a variety of wastewater support services to member agencies including recycled water and National Pollution Discharge Elimination System (NPDES) permits.
- Operates three wastewater treatment plants and two ocean outfalls within the Southwest and Southeast MSR Regions of Orange County.

Demographics Summary

South Orange County Wastewater Authority

Population & Density	Agency	County
2020 Population	589,514	3,186,989
2022 Population	593,660	3,203,504
2027 Population ¹	589,218	3,198,933
2022-2027 Projected Growth Rate (%)	-0.7% <	-0.1%
Daytime Population	556,951	3,284,351
Unincorporated SOI Population	-	-
Households	224,371	1,082,175
Household Size	2.65 <	2.96
Area (Square Miles)	221.00	948.00
Density (Persons per Square Mile)	2,686 <	3,379
Housing		
Housing Units	238,797	1,142,029
Owner Occupied (%)	66% >	55%
Renter Occupied (%)	28% <	40%
Vacant %	6% >	5%
Median Home Value	\$ 849,248 >	\$ 783,700
Employment & Poverty		
Businesses	31,402	176,208
Employees	234,290	1,631,636
Median Household Income	\$ 126,108 >	\$ 105,674
Public Transportation Commuters (%)	1.0% <	1.8%
Commute Longer than 60 Minutes (%)	9.0% <	9.5%
Poverty Rate	5.8% <	9.9%

¹2027 Population estimate is a projection only.

Source: US Census Bureau, DOF Population and Housing Estimates (Cities), ESRI Business Analyst

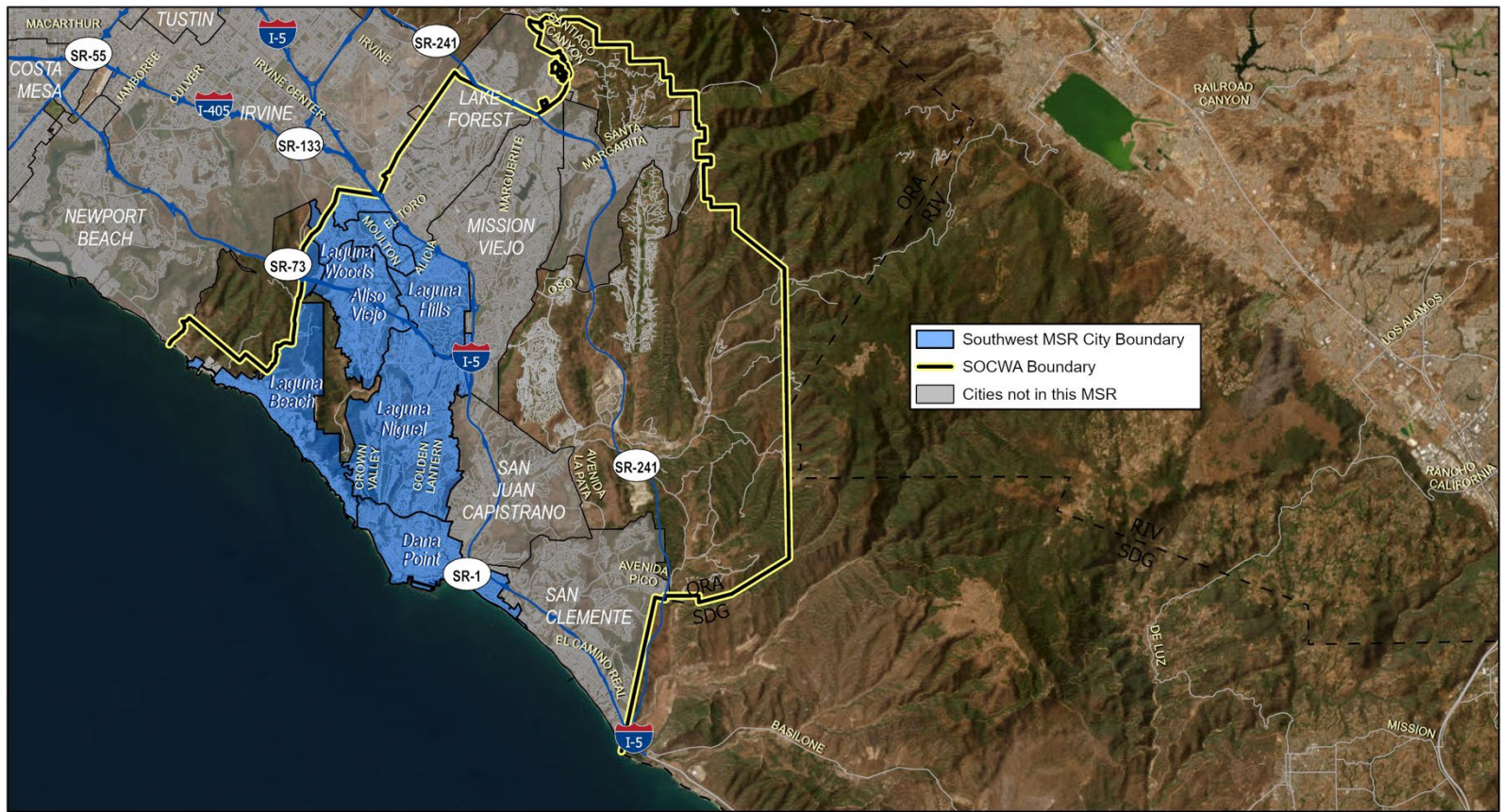
Cash Flow FY 18-19 to FY 20-21

South Orange County Wastewater Authority

Financial Summary ¹	2018-19	2019-20	2020-21
Revenue	\$ 32,200,865	\$ 37,761,216	\$ 33,792,147
Expenditures	28,366,905	31,281,811	31,127,994
Net	\$ 3,833,960	\$ 6,479,405	\$ 2,664,153
Reserves	N/A	N/A	N/A

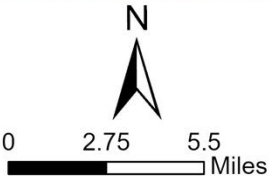
¹Revenues include capital contributions from member agencies. SOCWA does not retain reserves. They also do not retain operating capital and they collect revenue four times throughout the year as money is expended (MSR Interview).

Source: Berkson & Associates, Agency Audits & Budgets



South Orange County Wastewater Authority

Source: RSG Inc., ESRI, OCLAFCO



IV. GROWTH AND POPULATION PROJECTIONS

Pursuant to Government Code Section 56430, MSRs make determinations on seven (7) required topics, including:

1. Growth and population projections for the affected area.

The Southwest Region covers an incorporated population of about 219,000 people spread across the six cities of Aliso Viejo, Dana Point, Laguna Beach, Laguna Hills, Laguna Niguel, and Laguna Woods. The seven special districts in the region provide services to about 278,000 people. These population totals are different because district boundaries extend beyond the Southwest cities' boundaries to include residents in the cities of Lake Forest, Mission Viejo, San Clemente, and San Juan Capistrano, all of which are not in this MSR. SOCWA, a Joint Powers Authority with cities and districts as member agencies, has an approximate service population of 594,000 since it extends well beyond the Southwest Region.

Collectively, the cities in the Southwest Region are expected to increase slightly in population by 2027. In contrast, the special districts are projected to decline over the same period. Cities are projected to increase by 0.7%, while special districts and SOCWA are both expected to decline by 0.7% respectively.

As is the larger trend across the County and State of California, development of new housing units has slowed in recent years. Using estimates from DOF, Southwest Region cities developed approximately 5,100 new units, an increase of 5.3%, from 2010 to 2022. However, projections for the subsequent five years, from 2022 to 2027, show housing growth shrinks to an increase of just 0.1%. Table 3 shows both population and housing trends for the Southwest region.

Table 3: Regional Population and Housing Trends

Southwest					
Population		Cities	Special Districts	SOCWA	County
	2020 Population	221,688	276,402	589,514	3,186,989
	2022 Population	219,011	278,114	593,660	3,203,504
	2027 Population ¹	220,489	276,122	589,218	3,198,933
	2020-2022 Growth Rate (%)	-1.2%	0.6%	0.7%	0.5%
	2022-2027 Projected Growth Rate (%)	0.7%	-0.7%	-0.7%	-0.1%
Housing					
	2010 Units	97,102	115,394	223,119	1,048,907
	2020 Units	101,319	120,123	237,313	1,129,785
	2022 Units	102,259	120,624	238,797	1,142,029
	2027 Units ¹	102,352	121,363	240,223	1,153,825
	2022 Household Size	2.1	2.3	2.5	2.8
	2010-2022 Unit Growth Rate (%)	5.3%	4.5%	7.0%	8.9%
	2022-2027 Projected Unit Growth Rate (%)	0.1%	0.6%	0.6%	1.0%

¹ 2027 estimates are only projections.

Source: US Census Bureau, DOF Population and Housing Estimates (Cities), ESRI Business Analyst

Individually, some agencies' populations are projected to decline while others increase:

- Aliso Viejo, Dana Point, Laguna Hills, Laguna Woods, and South Coast Water District are all projected to increase residents by 2027.

- If projections hold, Dana Point would lead with population growth increasing by 3.19%, or about 1,000 people.
- The Capistrano Bay CSD is expected to see the largest percentage decline at -2.76%.
- SOCWA, as a JPA made up of multiple member agencies (some of which are not under review in this MSR), is projected to see the largest gross decline in residents with a drop of about 4,400.

Table 4 lists the agencies past and projected growth, sorted in order of their projected 2022 to 2027 growth.

Table 4: Agency Individual Population Growth

Southwest Population Changes	Past Growth		Projected Growth	
	2020-2022		2022-2027	
	%	#	%	#
Dana Point	-0.50%	-164	3.19%	1,051
Laguna Woods	-0.74%	-130	2.65%	463
Laguna Hills	-1.99%	-624	1.71%	526
South Coast Water District	1.97%	656	0.93%	314
Aliso Viejo	-2.67%	-1,394	0.82%	418
Emerald Bay Service District	0.51%	8	0.51%	8
El Toro Water District	2.00%	1,038	-0.37%	-198
South Orange County Wastewater Authority	0.70%	4,146	-0.75%	-4,442
Laguna Niguel	-0.06%	-39	-0.85%	-545
Moulton Niguel Water District	0.09%	152	-1.09%	-1,856
Laguna Beach County Water District	-0.73%	-135	-1.31%	-240
Three Arch Bay Community Services District	-0.50%	-5	-1.59%	-16
Laguna Beach	-1.42%	-326	-1.92%	-435
Capistrano Bay Community Services District	-1.36%	-2	-2.76%	-4

Source: US Census Bureau, DOF Population and Housing Estimates, ESRI Business Analyst

Housing unit growth on a per agency basis follows a similar pattern as population. A majority of the agencies are projected to grow their housing stock by less than 1% by 2027.

- The largest percentage increase is again expected in Dana Point with an increase of 2.47%.
- Aliso Viejo, Laguna Niguel, and Laguna Beach are the only agencies with projected declines in their housing unit totals.
- SOCWA is expected to see the largest gross increase in housing units with about 1,400 projected to be added by 2027.

All agencies are listed by order of their 2022 to 2027 projected growth in Table 5. Past growth from 2010 to 2022 is also shown.

Table 5: Agency Individual Housing Unit Growth

Southwest Housing Unit Changes	Past Growth		Projected Growth	
	2010-2022		2022-2027	
	%	#	%	#
Dana Point	2.77%	441	2.47%	404
Laguna Hills	4.01%	441	1.95%	223
South Coast Water District	3.73%	590	1.26%	207
El Toro Water District	4.16%	996	0.91%	227
Laguna Woods	2.56%	335	0.71%	95
South Orange County Wastewater Authority	7.03%	15,678	0.60%	1,426
Moulton Niguel Water District	5.71%	3,666	0.84%	573
Laguna Beach County Water District	-0.60%	-62	0.10%	10
Three Arch Bay Community Services District	2.31%	11	0.00%	0
Capistrano Bay Community Services District	13.45%	23	0.00%	0
Emerald Bay Service District	1.15%	6	0.00%	0
Aliso Viejo	7.04%	1,328	-0.15%	-30
Laguna Niguel	9.92%	2,510	-1.02%	-285
Laguna Beach	0.79%	102	-2.41%	-314

Source: US Census Bureau, DOF Population and Housing Estimates, ESRI Business Analyst

V. PRESENT AND PLANNED LAND USES

Per Government Code Section 56425, a LAFCO shall consider and prepare a written statement of its SOI determinations on five (5) factors, including:

- the present and planned land use in the area, including agricultural and open space lands.*

The agencies of the Southwest Region are largely built out with very little remaining land available or designated to allow for development, and that is not otherwise zoned for open space. The vast majority of agencies’ land is zoned for residential uses with pockets of commercial and industrial. Since they are mostly built out, the cities are planning for infill growth, minimally supplemented by acquisition and rezoning of incremental amounts of land. There are no significant agriculture uses in the Southwest Region.

Following are individual agency notes on development and land use:

- The City of Laguna Woods explicitly mentioned rezoning as part of their plan to comply with state housing laws.
- The City of Aliso Viejo is in the process of reviewing various economic development projects, one of which could develop a significant town center for the city.
- The City of Laguna Niguel is considering the rezoning and repurpose of a one million square foot federal building, potentially for new housing development.

Overall, options for changing current land uses for new development are limited and some agencies, such as the City of Laguna Beach, noted a lack of capacity for additional growth with the current infrastructure.



VI. LOCATION AND CHARACTERISTICS OF ANY DUCS

Pursuant to Government Code Section 56430, MSRs make determinations on seven (7) required topics, including:

- 2. Location and characteristics of any disadvantaged unincorporated communities within or contiguous to the sphere of influence(s);*

Per Government Code Section 56425, a LAFCO shall consider and prepare a written statement of its SOI determinations on five (5) factors, including:

- 4. the existence of any social or economic communities of interest in the area.*

The Southwest Region does not presently contain any OC LAFCO-designated Disadvantaged Unincorporated Communities (DUCs). Due to the lack of inhabited unincorporated space in the region, no DUCs are expected to be designated in the near future.

VII. CAPACITY OF FACILITIES AND ADEQUACY OF SERVICES

Pursuant to Government Code Section 56430, MSRs make determinations on seven (7) required topics, including:

- 3. Present and planned capacity of public facilities and adequacy of public services, adequacy of public services, infrastructure needs, or deficiencies related to sewers, municipal and industrial water, and structural fire protection in any disadvantaged, unincorporated communities within or contiguous to the sphere of influence.*

Per Government Code Section 56425, a LAFCO shall consider and prepare a written statement of its SOI determinations on five (5) factors, including:

- 2. the present and probable need for public facilities and services in the area;*
- 3. the present capacity of public facilities and adequacy of public services that the agency provides or is authorized to provide; and*
- 5. the present and probable need for those public facilities and services of any disadvantaged unincorporated communities within the existing sphere of influence.*

REGIONAL OVERVIEW

Overall, agencies in the Southwest Region are providing adequate services to their residents and customers. Agencies reported no complaints from residents and customers and all agencies expressed confidence that they have the resources to maintain the current levels of service. This section of the report discusses the major public services provided by the agencies in the Southwest Region and their capacity to deliver those services with the existing staff and public facilities. Many of the special districts in the Southwest Region are water districts, so a majority of the typical city services discussed in this section are not applicable to those agencies.

LAW ENFORCEMENT AND SECURITY SERVICES

Law enforcement and/or police protection is provided by the Orange County Sheriff's Department ("OCSD") for five cities (all but one) and the unincorporated areas in the Southwest Region. In contrast, the City of Laguna Beach provides this service through its own Police Department.

Under State law, CSDs are permitted to administer and provide law enforcement as well as security services that otherwise are not being provided in their jurisdictions. Security services are defined in CSD law, or Government Code § 61100(j), as any service, including burglar protections and fire alarms, with the goal of protecting lives and property. The three CSDs in the Southwest Region are all authorized to provide security services to their districts. Capistrano Bay and Three Arch Bay CSDs both contract for security services to private security vendors. Neither district is currently providing law enforcement to their jurisdiction, nor are they authorized. Emerald Bay CSD is authorized to provide their district with law enforcement services for private events. They currently contract with OCSD for their annual July 4th fireworks presentation but also for some other community events. Additionally, Emerald Bay covers a portion of the costs to fund 24/7 private internal security services, while the rest of the costs are covered by the Emerald Bay Community Association.

The agencies reported no issues or concerns relating to the quality or adequacy of OCSD services in the Region. However, the rising cost of OCSD services were cited as a concern by the cities of Laguna Woods and Aliso Viejo. Among their cost concerns was the absence of more efficient regionalization of patrol and administrative functions. For more on this issue see Section VIII – Opportunities for Shared Services.

FIRE PROTECTION AND EMERGENCY MEDICAL

Fire protection is almost universally provided to the agencies of the Southwest Region by the Orange County Fire Authority ("OCFA"). The City of Laguna Beach remains the exception, providing fire protection services from their own fire department. OCFA formed originally as a department of the County government in 1980. The department was governed by the County Board of Supervisors at that time. However, as the County expanded and more cities incorporated, particularly those in South Orange County, local residents and governments requested more input in how the department was run. Initially the plan was for the department to become a fire district, but after several years of discussion the agencies agreed to structure OCFA as a Joint Powers Authority in 1995. OCFA has since expanded to include 23 cities, 77 fire stations, and 2 million residents served.

The cities who receive OCFA fire protection are either members of the JPA or contract directly with the Authority. The community of Emerald Bay CSD also receives OCFA services for fire protection. However, as they do not have active statutory power to provide this service, it is provided through the County. Emerald Bay does provide additional services to enhance the community's fire security, including, but not limited to, the land and building structure for Fire Station 11, which serves the community, maintenance, repair and replacement of fire hydrants, perimeter defensible space, and emergency preparedness committee support.

Agencies reported no complaints regarding fire services in their jurisdictions, nor any concerns about adequacy of service or capacity.

WATER SERVICES

Retail water services in the Southwest Region are provided by four of the special districts under review in this MSR:

- El Toro Water District (“ETWD”),
- Emerald Bay Service District (“Emerald Bay”) – through an out-of-area service agreement with LBCWD,
- Laguna Beach County Water District (“LBCWD”),
- Moulton Niguel Water District (“MNWD”), and
- South Coast Water District (“SCWD”).

There is a wide range of eligible government entities in California that can provide water services to residents in the state. Cities, water districts, and CSDs all can exercise their legal authority to govern this service area. They can also relinquish this power to another district or simply contract with them instead. All water districts in the Southwest Region were formed before the incorporation of the cities where they provide service. The oldest district is LBCWD at 97 years old. As a result, none of the cities reviewed in this MSR currently exercise their power to contract or provide water service.

There were no complaints or issues reported by the districts relating to service delivery or capacity. The age of the water infrastructure in each agency varied but was generally within the range of 30 to 50 years old, with the exception of some parts of Laguna Beach. All water districts indicated they had adequate capacity to handle growth with no reported deficiencies. The agencies confirmed they have sufficient planning and infrastructure to address any future maintenance and replacement needs.

Service delivery provided by districts generally follows city boundaries. However, the southern area of Laguna Beach, which was annexed into the City in 1987, was not annexed into LBCWD or any other water district. Because the community was already receiving its water service from SCWD, the residents supported continued provision of the service by SCWD through an agreement with the City. However, since the area is not within the SCWD district boundary, residents may not participate in the election process for the District’s board members. The service agreement attempts to provide southern Laguna Beach residents with some representation through an advisory committee staffed by several residents from South Laguna Beach and several elected officials from both the City of Laguna Beach and SCWD. The advisory committee meets quarterly to discuss water and sewer related projects, programs, and topics of interest. The chair of the committee then provides an end-of-month report to the Laguna Beach City Council reporting on SCWD matters within the Laguna Beach boundaries.

Through RSG’s interviews with staff of LBCWD, SCWD, and the City of Laguna Beach, various perspectives were provided about the current arrangement. LBCWD did not indicate awareness of any discussions regarding potential annexation to their District, but staff noted they could provide water services to the area if so desired. SCWD expressed both their own satisfaction and the residents’ positive reviews of the services they provide. According to SCWD, residents of South Laguna Beach have also expressed interest in being annexed to the District. SCWD has also indicated its support and interest in inclusion of the area in the SCWD’s SOI and annexation. The staff of the City of Laguna Beach indicated that an SOI adjustment could be initiated with OC LAFCO, adding it to the SCWD SOI for a later annexation into that water district. However, OC LAFCO staff recommends the processing of both actions simultaneously for consideration by the

Commission. More on this is discussed in Section IX – Accountability, Government Structure, and Operational Efficiencies.

Wholesale water service within the Southwest Region is provided by the Municipal Water District of Orange County ("MWDOC"). MWDOC was formed in 1951 to import wholesale water from the Metropolitan Water District of Southern California. Governed by a seven-member board, the district's countywide service area includes fourteen cities, thirteen special districts and one private water agency. In addition to wholesale water services, MWDOC also provides other water resources and programs within the Southwest Region that includes planning efforts in water supply development, water use efficiency, and water education and emergency preparedness.

WASTEWATER SERVICES

Wastewater and sewer services are provided to Southwest Region agencies by three (3) of the water districts operating in the area: ETWD, MNWD, and SCWD. Additionally, Emerald Bay CSD and the City of Laguna Beach both retain the power to provide wastewater services to their respective jurisdictions. A Laguna Beach Councilmember has discussed with the Laguna Beach City Council the potential of transferring wastewater services from the City of Laguna Beach to LBCWD in order to make the district an independent agency again, but this has not moved beyond conceptual discussion. Regardless, such a transfer of powers would need to be studied in detail, including operational and fiscal assessments, and an application filed with OC LAFCO to facilitate the proceedings for the formation of an independent special district and the analysis of and analysis of any service and governance changes.

All agencies in the Southwest Region receive wastewater services in some capacity from SOCWA. Services provided by SOCWA generally fit into two areas:

1. Permitting and regulatory support for the operation of all wastewater treatment plants in South Orange County.
2. Operation of three wastewater treatment plants.

SOCWA's JPA agreement previously included ten (10) agencies but has recently been reduced to seven (7) voting member agencies including five (5) Southwest Region entities: ETWD, MNWD, SCWD, Emerald Bay CSD, and the City of Laguna Beach. The two (2) agencies that are not in the Southwest Region and were not reviewed as part of this MSR are the Santa Margarita Water District ("SMWD") and the City of San Clemente. As of July 1, 2023, these three (3) agencies are no longer members of SOCWA: the Irvine Ranch Water District ("IRWD"), Trabuco Canyon Water District ("TCWD"), and the City of San Juan Capistrano. San Juan Capistrano wastewater services and infrastructure were assumed by SMWD through an annexation to the district in 2018.

Wastewater services that have been provided by SOCWA and its predecessors in the Southwest Region were facilitated through JPA agreements. Most of these agreements were initiated in the 1970s following the adoption of the Federal Clean Water Act to obtain grant funding through the Environmental Protection Agency ("EPA") to construct treatment plants and other infrastructure. The JPA agreements were under three entities, the Aliso Water Management Authority ("AWMA"), the Southeast Regional Reclamation Authority ("SERRA") and the South Orange County Reclamation Authority ("SOCRA"). Since that time, the agencies recognized there would be a benefit to the consolidation of these separate JPAs into what is now known as SOCWA.

The regional SOCWA approach to wastewater management has not gone without critiques from some member agencies, particularly the larger districts. MNWD has been one of the leading voices for a reexamination of the agreements that govern the management of SOCWA facilities as well as the overall purpose and structure of SOCWA itself. Outside of the Southwest Region agencies, SMWD has also requested a review and potential changes to the arrangement. MNWD staff has stressed, in their view, that SOCWA as currently structured is not ideally situated to meet the changing wastewater treatment environment. Among their concerns is that SOCWA lacks the direct ability to develop certain water reuse projects, implement capital financing, and interface with customers. SOCWA staff is aware of the evolving issues and has hired a facilitator, at the request of SCWD, to move this discussion into a more productive forum. Additionally, SOCWA staff noted that the agencies have full authority to make any changes they desire to the JPA agreement, provided they get the appropriate majority. Separately, MNWD has partnered with SCWD and SMWD to host regular meetings on the subject, particularly on which agencies are best suited to manage certain treatment plants. SCWD has expressed their support of the current SOCWA structure, as well as the facilitated discussion currently in progress to identify potential improvements and efficiencies to the existing structure. Notably, the other agencies reviewed in this MSR did not express similar interest in a reexamination of the SOCWA arrangements, nor did they share any complaints or concerns about SOCWA's service level. More on this is discussed in Section IX – Accountability, Government Structure, and Operational Efficiencies.

SOLID WASTE SERVICES

Solid waste pickup in the Southwest Region is provided by CR&R, Capistrano Bay CSD, and Waste Management. Five (5) jurisdictions receive solid waste pick up from CR&R, while Laguna Beach and the community within Emerald Bay CSD receive pick up from Waste Management. Agencies reported no complaints or issues with solid waste services.

STORMWATER SERVICES

Stormwater services are provided by the respective Public Works or Planning and Environmental Services departments. Additionally, only one CSD, Three Arch Bay, provides this service. Capistrano Bay CSD is currently seeking to activate the latent power allowing them to provide stormwater protection within their jurisdiction and has filed an application with OC LAFCO to proceed. Citing rising sea levels and tides, the Capistrano Bay CSD believes it needs the ability to manage stormwater impacts to help protect homes within their service area.

Three Arch Bay CSD indicated that their stormwater infrastructure is at or near capacity with an average age of around 75 years old. Their system was designed for a far less developed area with more open space. After becoming built out over the last several decades, more runoff is produced than the infrastructure can handle. To address this, Three Arch Bay CSD has begun a master plan update that will assess the needs for enhancement or replacement, and what funding options are available. The agency indicated that more details would become available once the master plan was complete.

The remaining agencies in the Southwest Region reported no complaints or issues with stormwater services.

OTHER PUBLIC WORKS (ELECTRIC, LIGHTING, UTILITIES, STREETS/ROAD MAINTENANCE)

Lighting services in the Southwest Region are provided by each City's Public Works department and the Capistrano Bay CSD, either through contract or in-house staff. The City of Laguna Beach provides this service through a partnership with Southern California Edison ("SCE") and San Diego Gas and Electric ("SDG&E") as well as their own Public Works department. The cities of Laguna Niguel and Laguna Hills provide the service in-house. Some residential streetlights in Laguna Woods are owned and maintained by the city. In all other cases, lighting is managed by the utilities.

Electricity and gas services are generally provided to the agencies of the Southwest Region directly from SCE, SDG&E, and Southern California Gas ("SoCal Gas").

Street and road maintenance services are provided or managed by the Public Works departments of each city or agency, or through the community or homeowner's association ("HOA"). Emerald Bay and Capistrano Bay CSDs both are authorized and actively provide this service. In Emerald Bay the CSD maintains curbs and gutters as well as provides street sweeping services, while the Emerald Bay Community Association, which functions as the HOA for the area, provides direct street and road maintenance.

Agencies reported no complaints or issues with any of the services covered in this section.

PARKS, RECREATION AND OPEN SPACE

Parks and recreation services in the agencies of the Southwest Region are provided by either a CSD or City department. Among CSDs, only Emerald Bay CSD has the active power to provide parks and recreation services to their residents. Capistrano Bay residents receive this service from the City of Dana Point, while Three Arch Bay residents receive this service from the Three Arch Bay Association. No issues were reported by any Southwest Region agency. The Region does not contain any Recreation and Parks Districts or other regional cooperatives, but it does possess two regional wilderness parks that border several of the cities in the Southwest area: the Laguna Canyon Wilderness Park, and the Aliso and Woods Canyon Wilderness Park. Both parks are unincorporated and managed by CSA 26. The parks also receive OCFA protection. In addition to the regional parks, each agency possesses a variety of recreation and park facilities within their respective jurisdictions.

LIBRARY SERVICES

Library services in the Southwest Region are provided to each City and the adjacent unincorporated areas by the Orange County Public Library (OCPL) System. No complaints or issues were reported by the agencies relating to library services.

ANIMAL CONTROL

Animal control services in the Southwest Region are provided by three entities: the City of Mission Viejo Department of Animal Services, the City of Laguna Beach Animal Services Division, and the Coastal Animal Services Authority ("CASA"). Mission Viejo provides animal control services to the Cities of Aliso Viejo, Laguna Hills, and Laguna Niguel through a contractual agreement. A similar arrangement is in place whereby the City of Laguna Beach provides this service to Laguna Woods. The CASA is a JPA inclusive of the cities of San Clemente and Dana Point. One council member from each city sits on the board. Animal control services are provided to both cities

through this JPA. No complaints or concerns were provided by the agencies regarding animal control services.

CODE ENFORCEMENT

Code enforcement services are provided by the cities and the County in the Southwest Region. Each city enforces municipal and building codes through their Community Development or Code Enforcement departments or divisions, either through contract or in-house staff. Emerald Bay receives code enforcement services from the County of Orange Public Works Neighborhood Preservation Department as part of their unincorporated area services. Southwest Region agencies reported no complaints or issues regarding the quality or adequacy of code enforcement.

VIII. FINANCIAL ABILITY TO PROVIDE SERVICES

Pursuant to Government Code Section 56430, MSRs make determinations on seven (7) required topics, including:

4. Financial ability of agencies to provide services.

The development of the fiscal indicators web-based program (formerly fiscal trends) began in 2008. The intent of the program began with the opportunity to generally compare the performance of Orange County local agencies, and ultimately became a resource for the Commission in the preparation of MSRs through the housing of accurate and meaningful data. Since that time, the web-program has experienced functional improvements and structure enhancements that assist in evaluating the efficiency and effectiveness of municipal service delivery in Orange County. More recently, the fiscal indicators have been simplified while maintaining the goal of its effectiveness as one of OC LAFCO's livable and ongoing resources.

The Southwest MSR process included the gathering of data needed for the fiscal indicators and was discussed with the agencies of the Southwest region. More details on each of the indicators is provided in the next section of the report as well as the performance of each agency relative to the indicators.

OC LAFCO FISCAL INDICATORS

Fiscal indicators help measure and describe prospects for fiscal health. Indicators can flag trends that warrant further evaluation and planning to avoid potential service reductions and declining reserves. The OC LAFCO fiscal indicators are based on the State of California Auditor's indicators of cities' fiscal risk.¹ Multi-year trends in growth (or decline) of agency operating revenues and expenditures, and levels of reserves, are adapted and applied to agencies in Orange County. Agency annual financial reports provide the source data for three key indicators used by OC LAFCO and further described below:

- **Annual Change in Revenues** compares revenue growth to long-term inflation (historically about 2-3%) – Low revenue growth below inflation indicates a potential long-term problem

¹ See the California Auditor's "Local Government High Risk Dashboard"
https://www.auditor.ca.gov/local_high_risk/data_download

keeping pace with inflationary cost increases. Declining revenues can be a symptom of the pandemic and/or weakening economic conditions.

- **Annual Change in Expenditures** compares expenditure growth to long-term inflation. Expenditure growth consistently above inflation and/or above revenue growth indicates a potential structural imbalance and potential future revenue shortfalls. Excessive expenditures could require reserve drawdowns and service reductions.
- **Adequate Operating Reserves** are essential to manage cash flow during the year, handle contingencies and emergencies, provide a "rainy day" account for future economic downturns, and assure funding for asset repair/replacement and expansion of facilities and infrastructure. Operating reserves typically provide at least two months of operating funds (i.e., 16.7% of annual expenditures). If financial reports do not document specific reserve accounts, other metrics include unallocated fund balances or unrestricted net position as reported by agency audits. "Cash" does not always indicate unencumbered funds available for cash flow and contingencies. Additional reserves are usually required for capital improvements, pensions, and other uses.

The fiscal indicators are intended to provide an initial review of annually reported financial data. Further in-depth analysis may be indicated to better understand the cause of financial trends and potential remedies. For example, additional research could clarify whether declining expenditures positively reflect prudent management or are the result of weak revenues. Other factors that could influence indicators include the impacts of the pandemic; the economic climate; State and Federal regulatory changes; infrastructure needs and improvements; changes in service levels and contracts; unfunded OPEB and pension obligations; development, population growth, and increased need for services.

FISCAL INDICATORS FOR SOUTHWEST REGION

The financial capacity of each agency in the Southwest Region is generally adequate for providing services at the current levels. This MSR relies on data from the concurrent Fiscal Indicators project conducted by Berkson & Associates on behalf of OC LAFCO, which assesses the short-term financial trends of the Southwest Region agencies. Table 6 provides a summary of trends reported by the Fiscal Indicators. Three variables (revenues, expenditures, and reserves) are measured for each Southwest Region agency over four fiscal years (FY 17-18 to FY 20-21). The variables are then ranked on a scale from "high" to "declining". For revenues and reserves, the "high" designation indicates the most positive outcome, while "declining" represents the lowest. The inverse applies for expenditures with "high" indicating the most negative outcome and "declining" indicating the most positive one. In addition, the California Auditor's "fiscal condition rank" is shown for each city². Cities ranked higher numerically are considered lower risk by the Auditor, with cities ranked in the 400s being the most financially sound. Most agencies in the Southwest possess high reserve amounts, moderate expenditure growth, and moderate revenue growth.

² Rankings produced by the Auditor's "Local Government High Risk Dashboard"
https://www.auditor.ca.gov/local_high_risk/data_download

Table 6: Summary of Fiscal Indicators Project and CA Auditor Rankings

Southwest Agency	Growth of Agency...			CA Auditor
	Revenues	Expenditures	Reserves	Fiscal Condition Rank ¹
Aliso Viejo	Declining	Moderate	High	336
Dana Point	Moderate	Declining	Moderate	279
Laguna Beach	Moderate	Low	Moderate	268
Laguna Hills	Low	Low	Moderate	238
Laguna Niguel	Low	Moderate	High	367
Laguna Woods	Low	Moderate	High	413
El Toro Water District	Low	Low	Moderate	
Laguna Beach County Water District	Moderate	Moderate	High	
Moulton Niguel Water District	Moderate	Moderate	High	
South Coast Water District	Moderate	Moderate	High	
Capistrano Bay Community Services District	Moderate	Moderate	High	
Emerald Bay Service District	Moderate	Declining	High	
Three Arch Bay Community Services District	Low	High	High	
South Orange County Wastewater Authority ²	Moderate	Low	N/A	

¹ The California Auditor fiscal condition rank is for cities only. Rankings in the 400s represent a better fiscal outlook than lower numbers.
² SOCWA does not possess any reserves or reserve requirements.
 Source: Berkson & Associates Fiscal Indicators Report, CA Auditor Local Government High Risk Dashboard FY 20-21

The City of Aliso Viejo was the only agency expressing concerns about expenditure growth exceeding that of revenues, as confirmed by the data reported in the Fiscal Indicators. Aliso Viejo is exploring options to increase their revenues including economic development projects and public benefit agreements with developers.

Two Southwest Region agencies, the Cities of Aliso Viejo and Laguna Woods, expressed particular concern about rising costs for the OC Sheriff’s law enforcement services. Aliso Viejo indicated that the associated costs may contribute to a potential fund deficit at some point in the future. Both agencies mentioned a desire to have a more collaborative relationship with OCSD on matters relating to cost increases, since law enforcement represents such a significant share of their overall budgets. One cost issue noted as an example was the use of three captains and/or patrols in an area no larger in population than the City of Mission Viejo, which has only one. Vehicle storage/maintenance and labor agreements were also noted as drivers of the cost increases. The cities have held informal internal and external discussions about how to reduce costs, including the discussion of alternatives such as a more regionalized OCSD policing model. Other agencies that contract for this service, including Dana Point and Laguna Niguel, did not indicate similar concerns with the costs of OC Sheriff services.

IX. OPPORTUNITIES FOR SHARED FACILITIES

Pursuant to Government Code Section 56430, MSRs make determinations on seven (7) required topics, including:

5. Status of, and opportunities for, shared facilities;

WATER AND WASTEWATER

The Southwest Region has several existing regional cooperatives including its four water districts as well as the SOCWA JPA. Within SOCWA there are numerous shared facilities for wastewater



collection and treatment. These are managed by SOCWA through separate project agreements or committees among various member agencies. Many of these agreements predate SOCWA and are due to expire in the coming decade. MNWD has expressed strong interest in assuming management of SOCWA's regional facilities in its jurisdiction and sees a potential benefit if many of SOCWA's assets were operated by each member agency themselves. In their view (which is shared by the Santa Margarita Water District), SOCWA is not structured to meet the wastewater service needs of some member agencies and should shift to a coordination and management-oriented role. This would require SOCWA to relinquish their facilities ownership while keeping their powers to manage ocean outfalls, acquire EPA certification, and apply for NPDES permits. In turn, the local water districts and city departments would assume control of the wastewater facilities and bring those operations in-house. Alternatively, SCWD has expressed a strong interest in preserving the existing structure of SOCWA while also expressing openness to evaluating the agreements for efficiencies and improvements. The other three Southwest Region SOCWA member agencies are aware of the MNWD and SMWD concerns and proposals. However, they did not express a desire to advance these ideas during the MSR process but stressed their openness to reevaluating the project agreements as they approach their respective expiration dates.

SOCWA staff is also aware of the discussions between member agencies and noted that any change in the operations and ownership of SOCWA's wastewater treatment facilities will need to account for the agencies serviced by the respective facility. As of the writing of this MSR, SOCWA staff confirmed that a facilitator had been hired by the SOCWA board in order to hold and guide productive meetings on the subject. Additionally, MNWD, SMWD, and SCWD have been hosting weekly meetings amongst their agencies' staff to produce workable alternatives to the issues MNWD and SMWD have highlighted. These meetings have discussed, among other things, who would become the responsible operator for the Regional Treatment Plant, the Coastal Treatment Plant, and the J.B. Latham Treatment Plant in the event of a SOCWA reorganization.

MSRs are intended to plant seeds for exploring alternative options for service delivery. Since this issue has been raised by two large agency members of SOCWA, and the other members, including the JPA, have expressed an openness to exploring options, both SOCWA and the relevant interested member agencies should consider commissioning a thorough focused study on the matter. The study should explore options that support efficiency and the long-term fiscal and operational sustainability of the infrastructure and service areas. Any study into the issue should account for the existing service areas of each facility, including any agencies not a part of the MNWD, SMWD, and SCWD meetings.

LAW ENFORCEMENT

As mentioned previously, the Cities of Laguna Woods and Aliso Viejo have concerns with the rising costs of the current OC Sheriff's contract. Through agency interviews and survey responses while conducting this MSR, a regional policing model through OCSD was floated informally as one of a few potential solutions to reduce costs.

ANIMAL CONTROL

As mentioned in Section VII, there are three existing joint ventures for animal control in the Southwest Region. The first is through the Mission Viejo Department of Animal Services and its contract services with the Cities of Aliso Viejo, Laguna Hills, and Laguna Niguel. The second is through the Laguna Beach Animal Services Division which contracts with the City of Laguna

Woods, in addition to operating within the City of Laguna Beach. The third joint venture is the Coastal Animal Services Authority or CASA. As explained earlier, CASA is a JPA between the cities of Dana Point and San Clemente, the latter of which is not reviewed in this MSR. These joint ventures provide adequate service and neither partnership had any issues reported. Animal Control is currently the only instance where facilities are shared and services are contracted directly between cities. All other regional cooperatives involve the County, the water districts, or SOCWA.

X. ACCOUNTABILITY, GOVERNMENT STRUCTURE AND OPERATIONAL EFFICIENCIES

Pursuant to Government Code Section 56430, MSRs make determinations on seven (7) required topics, including:

- 6. Accountability for community service needs, including government structure and operational efficiencies.*
- 7. Any other matter related to effective or efficient service delivery, as required by Commission Policy.*

Overall, agencies in Southwest Region of Orange County function at an efficient level and do not have many structural problems. This is largely due to four things: the high amount of contract or third-party labor, successful regional cooperation, the high value of land and property, and the fact that most of the region was developed as several master planned communities. Outside of the City of Laguna Beach, LBCWD, and SCWD, every agency is under 65 years old. All other cities besides Laguna Beach are even younger at around 33 years of age. The water districts formed first during the area's agricultural days in the 1960s. From there almost every city developed as a general plan community with the eventual goal of incorporation. From 1989 to 2001 the cities of Dana Point, Laguna Niguel, Laguna Hills, Laguna Woods, and Aliso Viejo all incorporated. This development process is unique in comparison to some of the older parts of the County where governance and planning structures were produced after development had already taken place.

Overall, the Southwest Region agencies implement policies and procedures that ensure transparency and accountability to the public, including appropriate elections and public notice of agency meetings and actions. Each agency has a formal governing body that is elected, and all the agencies conduct regularly scheduled public hearings. Many agencies stream their public hearings on platforms such as Zoom. All of the Southwest agencies maintain websites that contain general information on City and District departments, activities, and events.

All cities in the Southwest Region are general law cities with a Council-Manager form of government. Additionally, all cities have a five-member City Council elected at-large or by district. The CSDs in the region are also governed by five Board Members each elected at-large or by district. The CSDs function with minimal in-house staff. Only two employees work at the Capistrano Bay CSD, one at Emerald Bay CSD, and none are employed directly by the Three Arch Bay CSD. For Emerald Bay and Three Arch Bay, most work is contracted out to the local homeowners or community association. In Emerald Bay, work contracted to the Emerald Bay Community Association is governed by a management services agreement. The agreement includes the cost of office rent, a facilities lease, and administrative expenses, as well as the cost of an administrative assistant position for a certain amount of time per month. According to the Emerald Bay FY 2022-23 budget, the management services covered under the agreement cost

the district approximately \$372,000. Three Arch Bay has a similar management services agreement with the Three Arch Bay Association, an HOA that covers the same geographic area as the CSD. Under the Three Arch Bay agreement, the association provides general manager, secretarial, and clerical services to the district. It also covers related administrative expenditures and facilities leases. The Three Arch Bay management services agreement costs the district approximately \$480,000 as of the FY 2022-23 budget.

In the Fall of 2021, two residents of Three Arch Bay CSD raised concerns with OC LAFCO regarding the district's use of unauthorized service provisions and its use of district funds. In response to these concerns, OC LAFCO engaged with the district staff to understand the services that were being provided. Subsequently, the CSD indicated that they would not be providing any services that have not been appropriately authorized by OC LAFCO and they do not intend to file an application with the Commission to provide such services. Should the CSD's position change in the future, an application must be filed with OC LAFCO.

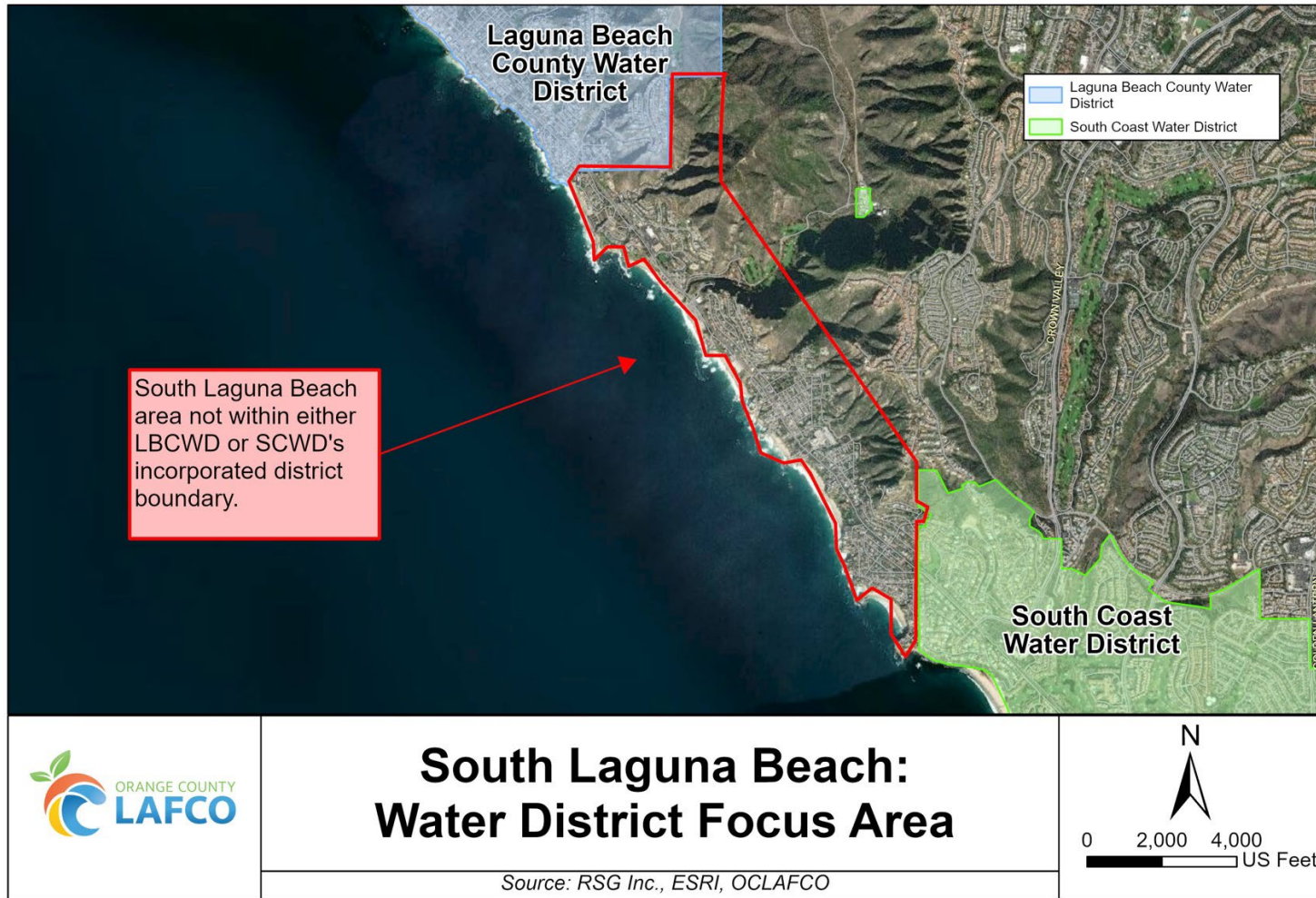
Southwest Orange County is also unique in that it possesses four locally controlled water districts as opposed to large regional ones. Two of these water districts (ETWD and MNWD) are considered "California Water Districts", while one (LBCWD) is considered a "County Waterworks District" and a dependent district, and one other (SCWD) is considered a "County Water District". The differences between the three district styles lie in their formation. A California Water District, according to Government Code Section 34153, is formed when the owners of a majority of the land in an area capable of using water beneficially for irrigation, domestic, industrial, or municipal purposes, and which can be serviced from common sources or supply and by the same system of works, petition LAFCO for the formation of a district. In other words, it is created from a petition of private landowners. A County Waterworks District is formed when a petition is sent to LAFCO that has acquired signatures from 25% of the residences in the area designated to be within the future district. As opposed to being based on land ownership, a Waterworks district is based on a percent of total residences. Additionally, a County Waterworks District must be wholly within one county, as opposed to the similarly named "County Water District", which can be made up of multiple counties but does not have to be.

Following are specific individual agency findings for this topic area:

- The City of Laguna Beach recently reached an agreement with the County to take ownership and responsibility for the beaches in South Laguna; mainly Aliso, Camel Point, Laguna Royale, Table Rock, Thousand Steps, and West Street. The agreement went into effect on March 1, 2023. Although the County will retain its property tax share for this part of County Service Area ("CSA") 26, it agreed to pay the city a \$22 million lump-sum to cover the transfer of operations. This new arrangement improves local accountability for the operations of the lifeguard towers and public facilities there and also streamlines government service.
- In the southern area of the City of Laguna Beach ("South Laguna"), the lack of directly elected representation on the SCWD board is a concern of residents and representatives of the City of Laguna Beach. In particular, residents have provided feedback suggesting that since SCWD now conducts district elections for Board Members, the voice of south Laguna Beach residents is more limited than when Board Members were elected at-large. At-large board members, in their view, had less of an obligation to focus only on their own district voters' concerns. The residents have not expressed concerns about the quality of service, only the form of representation. As mentioned previously, SCWD staff generally reported satisfaction from residents and were not aware of any push for the southern Laguna Beach area to be formally annexed into SCWD. They were not opposed to the

idea and reported that there is interest in annexation. The issue was raised in the MSR survey and interviews with City of Laguna Beach staff, who were interested in studying an amendment to the SOI boundary so that southern Laguna Beach can eventually be annexed into SCWD, allowing residents to vote in the district's election process.

A map of the area is shown on the following page:



- OC LAFCO staff participated in discussions with the City of Laguna Beach regarding the provision of water and sewer services by multiple providers within their jurisdictional boundary. As indicated in other sections of this report, the City and respective providers acknowledge that generally the services are being provided efficiently and do not see a need for consolidation or reorganization; however, there have been past inquiries from the City and LBCWD representatives involving potential reorganization involving the delivery of these services to improve efficiency. OC LAFCO staff acknowledges these discussions and notes that a change of organization (i.e. formation of district, reorganization, divestiture of services) would require an in-depth multi-year study involving the operational and fiscal assessments.
- Governance structure has also been raised as an issue within SOCWA. Though the problem has evolved over the years, the current issue relating to facilities ownership stems from concerns previously shared by MNWD. In terms of accountability and governance structure, MNWD has expressed dissatisfaction with SOCWA's ability to adapt to new trends in wastewater treatment services and regulations. In MNWD's view, a transition of assets to the member agencies would enable agencies to better implement water reuse programs, seek outside funding, and integrate new projects into the regional infrastructure. As with all other SOCWA related subjects in this MSR, the same level of concern was not expressed by the other member agencies interviewed. SCWD emphasized their interest in preserving the existing SOCWA structure. The other three Southwest Region agencies did express a willingness to explore alternative methods of governance within SOCWA, provided they go through the proper channels. SOCWA staff has stressed that any changes to the JPA agreement, including a redistribution of assets, is open for discussion. SOCWA staff also noted that any reorganization discussions should take into account what they viewed as beneficial contractor pricing from SOCWA's ability to request proposals regionally. OC LAFCO staff is aware of current SOCWA Board discussions, member agency meetings, and potential proposals involving the reorganization of SOCWA. OC LAFCO staff has noted the complexity of the issues involving SOCWA and that LAFCOs do not have authority over JPAs. However, staff also notes, that in accordance with state law, LAFCOs are required to review the municipal services delivered by JPAs through the MSR process, and JPAs that provide municipal services are required to submit copies of their agreements, including subsequent amendments, to their respective LAFCO in accordance with Government Code Section 6503. In addition, if SOCWA's assets ever transition to the ownership of any single member agency, any provision of service outside of said agency's service area may require OC LAFCO review.
- Through this MSR, Capistrano Bay CSD expressed concern with an ongoing boundary issue at the south end of their district at Poche Beach. In the past the beach was shown as a part of the district's boundary but was excluded from their SOI for an unknown reason. The CSD staff believed that the Poche Beach area may never have been part of their district. However, OC LAFCO staff investigated this issue thoroughly and found that the boundary of the district and its SOI should both include Poche Beach. The error on the SOI map file was corrected and now shows the SOI and boundary are coterminous.

No additional matters related to effective and efficient service delivery have been identified for review in this MSR by OC LAFCO or the Southwest Region agencies.

REIMBURSEMENT LOG FISCAL YEAR 2022-2023

Employee Name	Date	Ck #	Amount	Description
Ash, Dina	11/3/2022	EFT	\$359.70	Employee Recognition Luncheon
	11/30/2022	EFT	\$559.91	Employee Recognition Gift Cards
	11/30/2022	EFT	\$288.15	Employee Recognition Gift Baskets
Barajas, Christopher	8/17/2022	9955	\$200.00	Safety Shoes
Baranowski, David	5/8/2023	EFT	\$222.22	CWEA Conference - reservation charge
Bradley, Sean	4/5/2023	10631	\$302.82	Grade 3 Exam Fee
	3/28/2023	10611	\$202.00	CWEA Membership
	10/21/2022	10152	\$155.00	Grade 2 Exam Fee
	8/17/2022	9884	\$365.61	Hotel at Tri-State Conference
Broedner, Lance	3/28/2023	10611	\$202.00	CWEA Membership
	3/28/2023	10632	\$212.80	CWEA Conference
	1/4/2023	10339	\$200.00	Safety Shoes
	7/7/2022	9788	\$180.00	CWEA Lab Analyst Grade 1 Exam Fee
Christensen, Paul	8/5/2022	9829	\$199.12	Safety Shoes
Connor, Teri	7/18/2022	EFT	\$228.11	Tuition Reimbursement
Cotinola, Jeanette	3/28/2023	EFT	\$165.00	Battery for Work Laptop
	3/27/2023	EFT	\$1,404.89	Tuition Reimbursement
	1/30/2023	EFT	\$687.57	CASA Conference
	1/28/2023	EFT	\$174.82	CASA Conference - Milage
	1/19/2023	EFT	\$638.80	CAPPO Conference Airfare
	1/19/2023	EFT	\$855.88	CAPPO Conference Hotel
	9/8/2022	EFT	\$677.05	Tuition Reimbursement
	12/5/2022	EFT	\$655.00	Tuition Reimbursement
Comia, James	2/23/2023	10521	\$110.00	Grade 4 Exam fee
	2/23/2023	10521	\$202.00	CWEA Membership
DeAntonio, Nicholas	12/20/2022	10374	\$202.00	CWEA Membership
	5/16/2023	10765	\$185.00	Grade 1 Exam Fee
Gardner, Richard	5/3/2023	EFT	\$202.00	CWEA Membership
	5/3/2023	EFT	\$110.00	Certificate Renewal Fee
	1/4/2023	EFT	\$200.00	Safety Shoes
Gesiriech, Gage	3/14/2023	EFT	\$200.00	Safety Shoes
Greenwood, Katie	5/31/2023	10769	\$425.84	Lodging for Conference
	12/15/2022	10345	\$266.75	Tuition Reimbursement
	6/27/2022	EFT	\$446.18	Hotel for Conference
Hirsch, Danita	7/1/2022	10234	\$167.43	Milage
	11/14/2023	10234	\$114.47	CSDA Conference

REIMBURSEMENT LOG FISCAL YEAR 2022-2023

Employee Name	Date	Ck #	Amount	Description
Jardin, Sean	7/20/2022	9842	\$200.00	Safety Shoes
	2/8/2023	10447	\$224.60	Milage
	4/25/2023	10670	\$179.01	Milage
Kim, Nayden	9/26/2022	EFT	\$190.54	JBL Staff Meeting Lunch
Leal, Ernie	6/6/2023	10786	\$150.00	Grade 5 License Renewal
Looska, Ian	12/13/2022	EFT	\$100.00	Mechanic Tech 2 Certificate
	10/27/2022	EFT	\$331.98	Grade 1 Electrical/Instrumentation Exam
	8/4/2022	EFT	\$202.00	CWEA Membership
	7/7/2022	EFT	\$200.00	Safety Shoes
Luce, Daethina	9/13/2022	EFT	\$200.00	Safety Shoes
	5/22/2023	EFT	\$168.78	Safety Shoes
Luce, Kristopher	7/15/2022	EFT	\$199.33	Safety Shoes
Matson, Micheal	11/9/2022	10206	\$150.80	Safety Shoes
McConnell, Jared	7/26/2022	9845	\$202.00	CWEA Membership
Montoya, Morgan	8/4/2023	9902	\$180.00	Mechanic Grade 2 Membership Fee
	7/12/2022	9804	\$200.00	Safety Shoes
Navarro, Jose	9/27/2022	10105	\$188.56	Safety Shoes
Nuzzo, Garrett	8/5/2022	EFT	\$193.96	Safety Shoes
Paddock, William	1/16/2023	10456	\$514.83	CAPPO Conference Milage
	1/27/2023	10456	\$865.88	CAPPO Conference Lodging
Padilla, Derek	4/13/2023	10649	\$202.00	CWEA Membership
	1/18/2023	10406	\$105.00	Maintenance Grade 3 renewal
Paranal, Bryan	4/25/2023	10678	\$202.00	CWEA Membership
	10/11/2023	10109	\$195.00	Grade 2 Mechanic Exam Fee
	7/14/2022	9768	\$192.00	CWEA Membership
Peacher, Sean	4/13/2023	10650	\$114.63	Milage
	5/8/2023	10715	\$734.20	CESA Conference rental car
Peter, Phillip	5/3/2023	10697	\$230.00	Maintenance Grade 4 Exam Fee
	9/1/2022	9970	\$365.00	Tri-State Conference Lodging
	9/8/2023	10003	\$319.41	Tri-State Conference Milage
Plesa, Anthony	2/1/2023	10459	\$525.31	CAPPO Conference Milage
	1/4/2023	10355	\$202.00	CWEA Membership
	7/5/2022	9723	\$195.00	CWEA Maintenance Grade 2 Exam Fee

REIMBURSEMENT LOG FISCAL YEAR 2022-2023

Employee Name	Date	Ck #	Amount	Description
Protopappas, Jason	8/23/2022	EFT	\$200.00	Safety Shoes
Ranahan, Jim	8/8/2022	EFT	\$200.00	Safety Shoes
	6/13/2023	EFT	\$150.00	Certificate Renewal Fee
Reed, David	7/28/2022	9857	\$110.00	Maintenace Grade 4 License Renewal
	7/28/2023	9857	\$202.00	CWEA Membership
Rosas-Duarte, Fernando	7/20/2022	EFT	\$365.00	CWEA Grade 5 Exam fees and application fees
Santos, Charles	7/20/2022	EFT	\$681.20	WIMS Conference Airfare
	7/20/2023	EFT	\$624.95	WIMS Conference Lodging
	2/21/2023	EFT	\$202.00	CWEA Membership
	3/28/2023	EFT	\$480.00	CWEA Conference
Schmuck, Tristan	5/17/2023	10738	\$295.00	Written portion of Grade 3 exam
	5/17/2023	10738	\$151.55	Tuition Reimbursement
	5/17/2023	10738	\$299.99	Tuition Reimbursement
	5/17/2023	10738	\$550.00	Test prep for math portion and Exam for Grade 3 Operator
	1/4/2023	10356	\$155.00	Application fee for grade 2 operator certificate
	1/4/2023	10356	\$170.00	Grade 2 Operator Exam
	1/4/2023	10356	\$199.00	Tuition Reimbursement
Stiles, Michael	8/5/2022	9914	\$100.00	Tuition Reimbursement
	4/25/2023	10686	\$185.00	Grade 1 Certification Exam
	4/13/2023	10656	\$202.00	CWEA Membership
	1/11/2023	10394	\$200.00	Grade 2 Certification Exam
Stonz, Adam	5/23/2023	10760	\$510.00	CWEA Conference
Sutherland, Anna	5/31/2023	EFT	\$300.00	Safety Glasses
Velasco, Fernando	2/8/2023	10474	\$105.00	CWEA Certificate Renewal
	9/8/2023	10014	\$202.00	CWEA Membership
	9/8/2022	10014	\$105.00	Grade 3 renewal
	8/5/2022	9872	\$200.00	Safety Shoes
Vincent, Kyle	11/2/2023	10185	\$105.00	CWEA Certificate Renewal
Wang, Katrina	10/26/2022	EFT	\$237.48	ELAP Milage
	5/3/2023	EFT	\$200.00	CWEA Conference
Young, Roni	5/3/2023	EFT	\$286.72	CWEA Conference Lodging
	5/3/2023	EFT	\$342.00	CWEA Membership
	5/3/2023	EFT	\$101.53	Milage

RESOLUTION NO. 2012-09

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
AMENDING BYLAWS OF THE FINANCE COMMITTEE

WHEREAS, the Board of Directors of the South Orange County Wastewater Authority ("SOCWA") previously established an advisory committee (the "Finance Committee") for the purpose of coordinating and overseeing all financial activities and fiscal matters of SOCWA, with the support of SOCWA's Treasurer and staff, and;

WHEREAS, by adoption of Resolution No. 2009-01, the SOCWA Board of Directors approved the "Finance Committee Bylaws;" and

WHEREAS, the Board of Directors of SOCWA will amend the "Finance Committee Bylaws" in order to reestablish regular meeting dates of the Finance Committee Meeting.

NOW, THEREFORE, the Board of Directors of South Orange County Wastewater Authority does hereby RESOLVE, DETERMINE and ORDER as follows:

Section 1. The Finance Committee Bylaws are amended in accordance with the changes noted on Exhibit A, attached hereto and incorporated herein, and the Finance Committee Bylaws, as amended, are hereby adopted and approved and shall stand as the bylaws of the SOCWA Finance Committee until valid amendment thereof.


Section 2. The Secretary of SOCWA shall certify the adoption of the amended Finance Committee Bylaws and maintain a copy of the certified Finance Committee Bylaws, as amended, at the principal office of SOCWA.

Section 3. This Resolution is effective as of the date of adoption hereof.

ADOPTED, SIGNED and APPROVED this 13th day of December, 2012.

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

By:  _____
Chairman

By:  _____
Secretary

STATE OF CALIFORNIA)
) ss.
COUNTY OF ORANGE)

I, THOMAS R. ROSALES, Secretary of the Board of Directors of the SOUTH ORANGE COUNTY WASTEWATER AUTHORITY ("SOCWA"), do hereby certify that the foregoing Resolution No. 2012-09 was duly adopted by the SOCWA Board of Directors at their Board Meeting held on the 13th day of December 2012 and that it was so adopted by the following vote:

AYES: Lizotte, MNWD; Reinhart, IRWD; Iseman, CLB; Freese, CSJC; Goldman, ETWD; Dunbar, EBSD; Moore, SCWD; Mandich, TCWD; Ferons, SMWD; Cameron, CSC.

NOES: None.

ABSENT: None.

ABSTAIN: None.

Dated: December 13, 2012

Thomas R. Rosales, Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

STATE OF CALIFORNIA)
) ss.
COUNTY OF ORANGE)

I, THOMAS R. ROSALES, Secretary of the Board of Directors of the SOUTH ORANGE COUNTY WASTEWATER AUTHORITY ("SOCWA"), do hereby certify that the foregoing is a full, true and correct copy of Resolution No. 2012-09 of said Board and that the same has not been amended or repealed.

Dated this 13th day of December 2012.



Thomas R. Rosales, Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Exhibit "A"
BYLAWS OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
FINANCE COMMITTEE

PREAMBLE

The SOCWA Finance Committee, with the support of the Treasurer and Authority staff shall coordinate and oversee all financial activities and fiscal affairs of the South Orange County Wastewater Authority ("SOCWA").

Section 1. Membership

The SOCWA Finance Committee shall consist of up to six representatives from the SOCWA Board of Directors. The membership shall be appointed by the Chairman of SOCWA. Each member is appointed as an individual and not merely as representative of a specific Member Agency.

Section 2. Term

The term of all members of the Finance Committee shall be one (1) year. A member may be reappointed to serve on the Finance Committee. An Alternative Director may serve on the Finance Committee and may represent an appointed Director in the event of his/her absence.

Section 3. Meetings

The SOCWA Finance Committee shall conduct regular meetings thereof on the Tuesday preceding the SOCWA Board of Directors Meeting in March, June, September and December of every year at 10:30 a.m., unless otherwise rescheduled and properly noticed. The meetings shall be held at the SOCWA Administration Headquarters located at 34156 Del Obispo Street, Dana Point, California 92629.

Section 4. Public Meetings

All meetings of the SOCWA Finance Committee shall be open to the public, except as provided by law.

Section 5. Quorum

The presence of a majority of the members of the SOCWA Finance Committee shall constitute a quorum for the transaction of business.

Section 6. Duties and Responsibilities

- a) Review monthly financial reports from staff/consultants.
- b) Review monthly disbursements made by staff.
- c) Recommend policies and procedures on financial matters to the Board, including long-range capital planning/financing.
- d) Recommend ratification of monthly disbursements to the Board.
- e) Approve travel expenditures of the General Manger.
- f) Recommend an external auditor to the Board.
- g) Review annual audited Authority financial statements and "Use Audit".

Section 7. Member's Fees

A member of the Finance Committee may receive compensation as established by the Board for attendance at meetings.

Section 8. Amendment

These Bylaws may be amended from time to time by the Board of Directors of SOCWA.

b. SOCWA 457 Plan Improvements

Ms. Burnett briefed the Board on the progress made to improve the plan documents and agreements to the SOCWA 457 Plan. An open discussion ensued.

ACTION TAKEN

Motion was made by Director Erdman and seconded by Director Miller to approve the SOCWA 457 Plan document and authorize the General Manager to enter into the requisite service agreements with Nationwide Private in a form approved by counsel, and retain Wells Fargo Advisory Services to provide Plan Advisory Services, and give an update review on the plans performance in one year.

Motion carried: Aye 10, Nay 0, Abstained 0, Absent 0

Director Ferons	Aye
Director Iseman	Aye
Director Erdman	Aye
Director Miller	Aye
Director Dunbar	Aye
Director Collings	Aye
Director Perea	Aye
Director Gaskins	Aye
Director Reinhart	Aye
Director Rebensdorf	Aye

c. Revised SOCWA Policy Establishing Guidelines for Travel and Expenses Reimbursement

ACTION TAKEN

Motion was made by Director Erdman and seconded by Director Miller to approve the August 2019 revision to the SOCWA Policy Establishing Guidelines for Travel and Expense Reimbursement, and rescind prior Policy, SOCWA Resolution No. 2011-04, SOCWA Policy Establishing Guidelines for Travel and Expense Reimbursement.

Motion carried: Aye 10, Nay 0, Abstained 0, Absent 0

Director Ferons	Aye
Director Iseman	Aye
Director Erdman	Aye
Director Miller	Aye
Director Dunbar	Aye
Director Collings	Aye
Director Perea	Aye
Director Gaskins	Aye
Director Reinhart	Aye
Director Rebensdorf	Aye

d. Appointment of Executive Committee and Finance Committee Members

Ms. Burnett reported, when the members of the Board were voted on, there was no definitive clarification by name on who was appointed to the Executive Committee and Finance Committee. She stated that it was determined that the Executive Committee was appointed

by the Chair and was a part of the initial approval that was no longer in question. However, the Finance Committee Member appointment needed to be addressed.

Ms. Adriana Ochoa of Procopio law discussed the existing language of the bylaws and made recommendations to the Board for purposes of clarification. An open discussion ensued.

ACTION TAKEN

Being there were no requests to change the current structure of the member agencies on the Finance Committee, Chairman Ferons stated the appointments would stand as is with South Coast Water District, City of Laguna Beach, City of San Juan Capistrano, Moulton Niguel Water District, Santa Margarita Water District, and El Toro Water District.

e. Use Audit Flow and Solids Methodology Annual Update

Ms. Baylor, Director of Environmental Compliance, reported based on a recommendation from Director Erdman to include in the appendices and appendix that detailed the various questions and responses from the member agencies related to the methodology. Ms. Baylor stated that the redline version was for the purpose of memorializing the changes that were made based on the first iteration of the draft that was sent out. An open discussion ensued.

This was an information item; no action was taken.

f. General Managers Status Report

Ms. Burnett stated that she is open to any questions regarding her staff report. She also asked Ms. Baylor to update the Board on ay violations relating to code regulations.

Ms. Baylor reported on the series of effluent violations stating that one of the violations was in relation to the Aliso Creek Ocean Outfall. However, subsequent analysis showed that SOCWA was within compliance, and the information would be forwarded to the Regional Board. She also reported on violations at the San Juan Creek Ocean Outfall stating, staff was working on ensuring management level controls are engaged to prevent future incidents.

This was an information item; no action was taken.

g. Monthly Progress Report on State Audit Recommendations

Ms. Burnett reported on the progress of the State Audit recommendations. Discussion ensued regarding meetings being held by the SOCWA Managers review the existing JPA Agreements and to consider recommendations to the Board. A letter will be going out to the State Auditors reporting on the progress made to date.

This was an information item; no action was taken.

7. OTHER MATTERS

None

ADJOURNMENT

There being no further business, Director Ferons adjourned the meeting at 9:23 a.m.

Exhibit "A"

**BYLAWS OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
FINANCE COMMITTEE**

PREAMBLE

The SOCWA Finance Committee, with the support of the Treasurer and Authority staff shall coordinate and oversee all financial activities and fiscal affairs of the South Orange County Wastewater Authority ("SOCWA").

Section 1. Membership

The SOCWA Finance Committee shall consist of up to six representatives from the SOCWA Board of Directors. The membership shall be appointed by the Chairman of SOCWA. Each member is appointed as an individual and not merely as representative of a specific Member Agency.

Section 2. Term

The term of all members of the Finance Committee shall be one (1) year. A member may be reappointed to serve on the Finance Committee. An Alternative Director may serve on the Finance Committee and may represent an appointed Director in the event of his/her absence.

Section 3. Meetings

The SOCWA Finance Committee shall conduct regular meetings thereof on the Tuesday preceding the SOCWA Board of Directors Meeting in March, June, September and December of every year at 10:30 a.m., unless otherwise rescheduled and properly noticed. The meetings shall be held at the SOCWA Administration Headquarters located at 34156 Del Obispo Street, Dana Point, California 92629.

Section 4. Public Meetings

All meetings of the SOCWA Finance Committee shall be open to the public, except as provided by law.

Section 5. Quorum

The presence of a majority of the members of the SOCWA Finance Committee shall constitute a quorum for the transaction of business.

Section 6. Duties and Responsibilities

- a) Review monthly financial reports from staff/consultants.
- b) Review monthly disbursements made by staff.
- c) Recommend policies and procedures on financial matters to the Board, including long-range capital planning/financing.
- d) Recommend ratification of monthly disbursements to the Board.
- e) Approve travel expenditures of the General Manger.
- f) Recommend an external auditor to the Board.
- g) Review annual audited Authority financial statements and "Use Audit".

Section 7. Member's Fees

A member of the Finance Committee may receive compensation as established by the Board for attendance at meetings.

Section 8. Amendment

These Bylaws may be amended from time to time by the Board of Directors of SOCWA.

EXHIBIT "A"

BYLAWS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY ENGINEERING COMMITTEE

The Engineering Committee is an advisory committee formed by the Board of Directors of SOCWA and comprised of Member agency technical staff to coordinate, advise and oversee all engineering and technical matters, with the support of the General Manager and SOCWA staff.

Section 1. Membership. The Engineering Committee shall consist of ten (10) technical or engineering staff representatives, including one representative appointed from the each of the various Member Agencies. The members shall serve at the pleasure of the Member Agency and may serve continuously until replaced by that Member Agency. Alternate representatives from the same Member Agency may substitute for the appointed committee member at any Engineering Committee meeting in the appointed member's absence. Any such alternate representative substituting for a committee member shall be afforded all rights and be charged with all duties any Engineering Committee member has pursuant to the Bylaws.

Section 2. Committee Procedures. Five (5) Engineering Committee members shall constitute a quorum for purposes of conducting business when the project/proposal being reviewed is for the benefit of the entire Authority. In other cases, specific to a Project Committee, a quorum will consist of a simple majority of the members representing a particular Project Committee(s). Each member of the Engineering Committee is entitled to one (1) vote. Any actions or matters voted upon by the Engineering Committee must be approved by a majority of the members participating. The members of the Engineering Committee shall serve without compensation.

Section 3. Duties and Responsibilities. The Engineering Committee shall have the following duties and responsibilities:

- (a) Review Authority capital projects and recommend same for approval by the Board, as appropriate.
- (b) Annually review Authority's Fiscal Year Capital Budgets and recommend same for approval by the Board, as appropriate.
- (c) Assist SOCWA staff in development, review, analysis and planning of technical, engineering and capital projects of the Authority, including long-term capital project planning.
- (d) Other duties as delegated by the Board of Directors.

Section 4. Meetings. The Engineering Committee shall meet, as needed, on the 2nd Thursday of every month at 8:30 a.m. unless otherwise re-scheduled and properly noticed. The meetings shall be held at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California 92629.

Section 5. Public Meetings. All meetings of the Engineering Committee shall be open to the public, except as provided by law and in accordance with the law. The Secretary of SOCWA or his/her designee shall keep minutes of the Engineering Committee meetings.

Section 6. Amendment. The SOCWA Board of Directors may amend these Bylaws from time to time.

EXHIBIT A

BYLAWS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY (SOCWA) EXECUTIVE COMMITTEE

The Executive Committee is an advisory committee formed by the Board of Directors of SOCWA to coordinate and oversee all personnel matters, with the support of the General Manager and SOCWA staff.

Section 1. Membership. The Executive Committee shall consist of four (4) representatives from the Board of Directors, composed of the following Directors: (1) The Chair; (2) the Vice-Chair; (3) the immediate past Chair; and (4) one member from one of the following three SOCWA Member Agencies - South Coast Water District, Moulton Niguel Water District, Santa Margarita Water District - such member to be selected from among those water districts by the Chair in his or her discretion. In the event that the representative for one of the first three (3) committee positions listed above is held by a representative from one of the three specified water districts, the Chair shall appoint any other Board of Director representative as the fourth Committee member.

Executive Committee members shall serve a term commencing from the date of appointment to the end of the fiscal year. Alternate Board members from the same Member Agency may substitute for the appointed committee member at any Executive Committee meeting in the appointed member's absence. Any such Alternate Director substituting for an appointed committee member shall be afforded all rights and be charged with all duties any Executive Committee member has pursuant to the Bylaws. **Each member is appointed as an individual and not as a representative of a specific Member Agency.**

Section 2. Community Procedures. The Chairman of the Executive Committee shall be the Chairman of SOCWA. Three (3) Executive Committee members shall constitute a quorum for purposes of conducting business. Each member of the Executive Committee is entitled to one (1) vote. Any actions or matters voted upon by the Executive Committee must be approved by a majority of the members participating, subject to the further requirements set forth below in Section 4.

Section 3. Duties and Responsibilities. The Executive Committee shall have the following duties and responsibilities:

- (a) Annually review agency salary schedule and classifications.
- (b) Review agency personnel benefit program.
- (c) Enter into contract negotiations/performance review with the General

Manager.

- (d) Recommend personnel related changes to the Board of Directors.
- (e) Review matters regarding consolidation and/or reorganization.
- (f) Review the agency Management Budget and recommend same for approval by the Board of Directors, as appropriate.
- (g) Other duties as delegated by the Board of Directors.

Section 4. Delegated Duties. In the event the Executive Committee is delegated any authority by the Board of Directors to make final determinations or take actions, all actions must be approved by unanimous consent of the four (4) Executive Committee Members.

Section 5. Meetings. The Executive Committee shall conduct regular meetings thereof on the second Tuesday in May and November of every year at 9:00 a.m., and special meetings may be called by the Chair of the Executive Committee, or the Secretary of SOCWA, on an as-needed basis. The meetings shall be held at the SOCWA Administration Office located at 34156 Del Obispo Street, Dana Point 92629.

Section 6. Public Meetings. All meetings of the Executive Committee shall be open to the public, except as provided by law and in accordance with the law.

Section 7. Member's Fees. A member of the Executive Committee may receive compensation for attendance at meetings as established by the Board of Directors and in accordance with law.

Section 8. Amendment. These Bylaws may be amended from time to time by the Board of Directors.