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

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

August 7, 2025  
8:30 a.m.

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

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

Join Zoom Meeting  
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South Orange County Wastewater Authority  
Board of Directors Meeting  
August 7, 2025

Agenda

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

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

4. APPROVAL OF BOARD MEMBER REQUEST FOR REMOTE PARTICIPATION

ACTION Board Discussion/Direction and Action.

PAGE NO.

5. CONSENT CALENDAR

- A. Minutes of Board of Directors..... 1

- Board of Directors Regular Meeting of June 23, 2025

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

- B. Minutes of PC 2/PC 15 Joint Committee..... 6

- PC 2/PC 15 Joint Committee Meeting of July 10, 2025

ACTION The PC 2/PC 15 Committees will be requested to approve the subject Minutes, and the Board will be requested to receive and file the subject Minutes.

- C. May 2025 Operations Report..... 8

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

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

South Orange County Wastewater Authority  
Board of Directors Meeting  
August 7, 2025

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D. June 2025 Operations Report.....	45
1. Monthly Operational Report – Fiscal Year 24-25	
2. SOCWA Ocean Outfall Discharges by Agency	
3. Fiscal Year Report on Key Operational Expenses	
4. Beach Ocean Monitoring Report	
5. Recycled Water Report	
6. Pretreatment Report (June/July)	
ACTION      The Board will be requested to receive and file subject reports as submitted.	
E. Capital Improvement Program Status Report and Construction Projects Progress and Change Order Report (July) [Project Committees 2 and 15].....	94
ACTION      Information Item.	
6. <u>ENGINEERING MATTERS</u>	
A. CTP Master Plan Revised Draft RFP Review [Project Committee 15].....	106
ACTION      Committee Discussion/Direction and Action.	
B. JBL Master Plan Revised Draft RFP Review [Project Committee 2].....	107
ACTION      Committee Discussion/Direction and Action.	
7. <u>GENERAL MANAGER’S REPORT</u>	
A. Resolution No. 2025-11: A Resolution of the Board of Directors of the South Orange County Wastewater Authority for A Commendation to Ernie Leal for providing Dedicated Service to the South Orange County Wastewater Authority and the Residents of Southern Orange County for the period of February 2004 to August 2025 .....	108
ACTION      Staff recommends that the Board of Directors approve Resolution No. 2025-11: A Resolution of the Board of Directors of the South Orange County Wastewater Authority for A Commendation to Ernie Leal for providing Dedicated Service to the South Orange County Wastewater Authority and the Residents of Southern Orange County for the period of February 2004 to August 2025.	
B. Strategic Planning Discussion.....	109
ACTION      Board Discussion/Direction and Action.	
C. General Counsel’s Report .....	
ACTION      Board Discussion/Direction and Action.	

South Orange County Wastewater Authority  
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D. General Manager's Report ..... 110

ACTION Board Discussion/Direction and Action.

E. Upcoming Meetings Schedule: .....

- August 7 – Board of Directors Regular Meeting
- August 14, 2025 – Engineering Committee Meeting
- August 19, 2025 – Finance Committee Meeting
- September 4, 2025 – Board of Directors Regular Meeting

ACTION Information Item.

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

8. OTHER MATTERS

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

9. ADJOURNMENT

THE NEXT SOCWA BOARD MEETING  
September 4, 2025

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

**June 23, 2025**

**DRAFT**

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Board of Directors was held in person and via teleconference on June 23, 2025, at 12:30 p.m. at their Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Board of Directors were present:

KATHRYN FRESHLEY	El Toro Water District	Director
MIKE DUNBAR	Emerald Bay Service District	Director
GAVIN CURRAN	City of Laguna Beach	Alternate Director
SCOTT GOLDMAN	South Coast Water District	Director
FRANK URY	Santa Margarita Water District	Director
DAVE REBENS DORF	City of San Clemente	Director

**Staff Present:**

AMBER BOONE	General Manager
JIM BURROR	Deputy GM/Chief Engineer
RONI GRANT	Capital Improvement Program Manager
DINA ASH	HR Administrator
JAMES JONES	Superintendent of O&M
BOB CULVER	Environment Services Manager
JACK BECK	Accountant
MATT CLARKE	Chief Technology Officer
DANITA HIRSH	Executive Assistant/Clerk of the Board

**Also Present:**

ADRIANA OCHOA	Snell & Wilmer
TRACIE STENDER	Snell & Wilmer
BRAD NEUFELD	Varner & Brandt LLP
CHARLES BARFIELD	Orange County Employees Assoc.
ROSEMARY ROBINSON	Procopio Law
MATT COLLINGS	Moulton Niguel Water District
KELSEY DECASAS	Moulton Niguel Water District
RICK SHINTAKU	South Coast Water District
DENNIS CAFFERTY	El Toro Water District
KARI VOZENILEK	Kidman Gagen Law LLP

**1. CALL TO ORDER**

Director Frank Ury called the meeting to order at 12:30 p.m.

**2. PLEDGE OF ALLEGIANCE – Director Mike Dunbar**

**3. ORAL COMMUNICATIONS**

None.

**4. APPROVAL OF BOARD MEMBER REQUEST FOR REMOTE PARTICIPATION**

None.

Due to scheduling constraints, the agenda items were taken out of order as follows:

8. GENERAL MANAGER’S REPORT

- A. Resolution No. 2025-09, A Resolution of the Board of Directors of the South Orange County Wastewater Authority (SOCWA) Approving New Employee Salary Ranges to the July 1, to June 30, 2028, Memorandum of Understanding (“MOU”) between the South Orange County Wastewater Authority and the SOCWA Employee Association

Public Speaker: Charles Barfield, OCEA

ACTION TAKEN

Motion was made by Director Goldman and seconded by Director Dunbar to approve Resolution 2025-09, A Resolution of the Board of Directors of the South Orange County Wastewater Authority (SOCWA) Approving New Employee Salary Ranges to the July 1, 2025, to June 30, 2028, Memorandum of Understanding (“MOU”) between the South Orange County Wastewater Authority and the SOCWA Employee Association.

Motion carried: Aye 6, Nay 0, Abstained 0, Absent 0  
Director Dunbar Aye  
Director Freshley Aye  
Director Curran Aye  
Director Ury Aye  
Director Goldman Aye  
Director Rebensdorf Aye

- B. Resolution No. 2025-10, 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 for All SOCWA Employees

ACTION TAKEN

Motion was made by Director Ury and seconded by Director Freshley to approve Resolution 2025-10, 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 for All SOCWA Employees.

Motion carried: Aye 6, Nay 0, Abstained 0, Absent 0  
Director Dunbar Aye  
Director Freshley Aye  
Director Curran Aye  
Director Ury Aye  
Director Goldman Aye  
Director Rebensdorf Aye

- C. Approval of the Project Committee (“PC”) 23 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL, and OPEB) and PC 23 Capital Expenditures Budget (inclusive of large capital and non-capital/misc. engineering). Approval of the Project Committee (“PC”) 23 Operations and Maintenance Budget and PC 23 Capital Expenditures Budget authorizes the 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

ACTION TAKEN

Motion was made by Director Curran and seconded by Director Dunbar to approve the FY 2025-26 budget as submitted.

Motion carried: Aye 2, Nay 0, Abstained 0, Absent 0  
Director Dunbar Aye  
Director Curran Aye

- D. Employee Reimbursement to Moulton Niguel Water District

ACTION TAKEN

Motion was made by Director Dunbar and seconded by Director Freshley to authorize the General Manager to execute the payment of \$274,371.93 to Moulton Niguel Water District for SOCWA terminated employees' leave balances.

Motion carried: Aye 6, Nay 0, Abstained 0, Absent 0  
Director Dunbar Aye  
Director Freshley Aye  
Director Curran Aye  
Director Ury Aye  
Director Goldman Aye  
Director Rebensdorf Aye

5. CLOSED SESSION

The PC 2 Board of Directors convened to Closed Session at 12:46 p.m. and reconvened to Open Session at 12:58 p.m.

A Closed Session Conference occurred with Legal Counsel regarding anticipated litigation/Significant Exposure to Litigation Pursuant to Paragraph (2) of Subdivision (d) of Government Code § 54956.9: One Potential Case.

There were no reportable actions.

6. CONSENT CALENDAR

ACTION TAKEN

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

Motion carried: Aye 6, Nay 0, Abstained 0, Absent 0  
Director Dunbar Aye  
Director Freshley Aye  
Director Curran Aye  
Director Ury Aye  
Director Goldman Aye  
Director Rebensdorf Aye

(6A-6D)

- A. Minutes of Board of Directors Meeting for June 5, 2025
  - B. Minutes of Engineering Committee Meeting for May 8, 2025
  - C. Minutes of Finance Committee Meeting for May 20, 2025
  - D. Finance Reports for the Month of April 2025
- Approved Action:** The Board received and filed the April 2025 Financial Reports.

## 7. ENGINEERING MATTERS

- A. J.B. Latham Treatment Plant (JBL) Effluent Pump Station and Energy Building Upgrades Construction Contract [Project Committee 2]

### ACTION TAKEN

A motion was made by Director Goldman and seconded by Director Ury to 1) Approve an increase of \$985,000 to the Effluent Pump Station Improvements (32226L) project budget, resulting in a revised total project budget of \$1,877,000 for this portion of the project, 2) Authorize execution of a contract with Pacific Hydrotech in the amount of \$3,093,900 for the JBL Effluent Pump Station and Energy Building Upgrades, and 3) Approve a 5% project contingency, in the amount of \$154,695 to cover potential unknown issues during construction, for a total project budget of \$3,248,595.

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

- B. JBL and CTP Master Plan Level of Services Facilitation [Project Committees 2 and 15]

### ACTION TAKEN

A motion was made by Director Dunbar and seconded by Director Goldman to approve the contract with Dopudja & Wells Consulting in the amount of \$48,240 for Engineering Services for the JBL and CTP master plan level of services facilitation.

Motion carried: Aye 4, Nay 0, Abstained 0, Absent 0  
PC 15 Director Dunbar Aye  
PC 15 Director Curran Aye  
PC 2 Director Ury Aye  
PC 2 / PC 15 Director Goldman Aye



8. GENERAL MANAGER'S REPORT

E. Upcoming Meetings Schedule:

- June 23, 2025 – Board of Directors Special Meeting
- July 10, 2025 – Board of Directors Regular Meeting (Canceled)
- July 10, 2025 – PC 2/PC 15 Joint Committee Meeting
- July 15, 2025 – Finance Committee Meeting (Canceled)
- July 17, 2025 – Engineering Committee Meeting (Canceled)
- August 7, 2025 – Board of Directors Regular Meeting

This was an information item; no actions were taken.

9. OTHER MATTERS

None.

10. ADJOURNMENT

There being no further business, Director Ury adjourned the meeting at 1:09 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 June 23, 2025, and approved by the Board of Directors of the South Orange County Wastewater Authority.

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Danita Hirsh, Assistant Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

**PC 2/PC 15 Joint Committee Meeting**

**July 10, 2025**

**DRAFT**

**8:30 a.m.**

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Project Committee 2/Project Committee 15 Joint Meeting was held on July 10, 2025, at 8:30 a.m. in person and via teleconference from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of Project Committee No. 2 and Project Committee 15 were present:

BOB WHALEN	City of Laguna Beach	Director
MIKE DUNBAR	Emerald Bay Service District	Director
FRANK URY	Santa Margarita Water District	Director [exited @ 9:26 a.m.]
SCOTT GOLDMAN	South Coast Water District	Director

**Staff Participation:**

AMBER BOONE	General Manager [via Zoom]
JIM BURROR	Deputy GM/Chief Engineer
RONI GRANT	Capital Improvement Program Manager
BOB CULVER	Environmental Services Manager
MATT CLARKE	Chief Technology Officer
JAMES JONES	Superintendent of O&M
JACK BECK	Staff Accountant
ANNA SUTHERLAND	Accountant
DANITA HIRSH	Executive Assistant/Clerk of the Board

**Also Participating:**

TRACIE STENDER	Snell & Wilmer
STEPHEN DOPUDJA	Dopudja & Wells Consulting
PAUL JONES	Dopudja & Wells Consulting
JASON PIVOVAROFF	Dopudja & Wells Consulting
DAVID BARANOWSKI	Moulton Niguel Water District
ROBB GRANTHAM	Santa Margarita Water District
RICK SHINTAKU	South Coast Water District
MARC SERNA	South Coast Water District
KATHRYN FRESHLEY	El Toro Water District
ERICA CASTILLO	South Coast Water District
KARI VOZENILEK	Kidman Gagen Law LLP

**1. Call Meeting to Order**

Chairman Ury called the meeting to order at 8:33 a.m.

**2. Public Comments**

None.

**3. Coastal Treatment Plant (CTP) Master Plan Draft RFP Review [Project Committee 15]**

Mr. Jason Pivovarovoff of Dopudja & Wells Consulting gave a presentation on the CTP Master Plan draft RFP. The presentation covered the overview of the draft scope of work and level of services for the proposed facility master plan efforts. Additionally, the draft scope of services covered priorities and interests discussed in a previous kickoff meeting. An open discussion ensued.

No action was taken.

4. J.B. Latham Treatment Plant (JBL) Master Plan Draft RFP Review [Project Committee 2]

Mr. Jason Pivovarov of Dopudja & Wells Consulting gave a presentation on the JBL Master Plan draft RFP. The presentation covered the overview of the draft scope of work and level of services for the proposed facility master plan efforts. Additionally, the draft scope of services covered priorities and interests discussed in a previous kickoff meeting. An open discussion ensued.

No action was taken.

5. J.B. Latham Treatment Plant (JBL) Plant 2 Headworks Rehabilitation Construction Contract Award [Project Committee 2]

ACTION TAKEN

A motion was made by Director Ury and seconded by Director Goldman to: 1) approve an increase of \$700,000 to the JBL Plant 2 Headworks (32243L) project budget, resulting in a revised total project budget of \$2.2M, 2) authorize execution of a contract with Pacific Hydrotech in the amount of \$2,149,600 for the JBL Plant 2 Headworks Rehabilitation, and 3) approve a project contingency, in the amount of \$50,400, to cover potential unknown issues during construction, for a total project budget of \$2.2M.

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

6. Adjournment

There being no further business, Chairman Goldman adjourned the meeting at 9:42 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Special Joint Meeting of the South Orange County Wastewater Authority Project Committee 2/Project Committee 15 of July 10, 2025, and approved by the Project Committee 2/Project Committee 15, and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

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Danita Hirsh, Assistant Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

# Agenda Item

## 5.C.

**Board of Directors Meeting**

**Meeting Date:** August 7, 2025

**TO:** Board of Directors  
**FROM:** Jim Burror, Deputy General Manager/Chief Engineer  
**SUBJECT:** May 2025 Operations Report

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### Summary/Discussion

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

1. Monthly Operational Report

A six (6) 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

### Fiscal Impact

No change.

**Recommended Action:** Receive and file the Operational Reports.

# Monthly Operational Report

# SOCWA Operational Report May 2025

## Excursion, Complaint, and Violation Events

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

## Plant Wastewater Characteristics

Key Parameters	CTP	JBL TP1	JBL TP2	Total
Influent (mgd) (1)	2.47	7.20	0.94	10.61
Effluent (mgd)	2.37	7.20	2.45	12.02
Peak Flow (mgd)	6.73	11.15	10.00	27.88
Influent BOD (mg/l)	281	290	374	
Influent TSS (mg/l)	327	399	314	
Effluent BOD (mg/l)	5.3	7.7	7.5	
Effluent TSS (mg/l)	5.9	9.1	8.5	
Effluent Turbidity (NTU)	1.9	4.2	2.7	

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

## Recycled Water (AWT) Operations

Key Parameters	CTP	JBL	Totals
Average Flow (mgd)	0.75		0.75
Days of Operation (days)	30		
Total Flow (million gallons)	23.30		23.30
Plant Irrigation (million gallons)	0.10	0.22	0.32
AWT Time Online (%)	94.3		

### 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 2025 (cont'd)

## Biosolids Management

Biosolids Management Site	CTP	JBL	Totals
Nursery Products (tons)		782.6	782.6
Prima Deshecha (tons)		0.0	0.0
Other: (tons)		0.0	0.0
Total Processed (tons)		782.6	782.6

## Summary of Maintenance Activities

Task Type	CTP	JBL	Totals
Preventative Maintenance	137	329	466
Corrective Maintenance	11	64	75

## Site Visitors

Visitor Types	CTP	JBL	Totals
Regulatory	0	1	1
Member Agency	0	1	1
Residents	0	0	0
Others	0	32	32
Tours #/Visitors	0	1	1

## Grit Disposal Management

Grit & Screenings	CTP	JBL	Totals
Simi Valley Landfill (tons)	6.0	44.9	50.9

## Chemical and Energy Utilization

Chemical/Utility	CTP	JBL	Totals
Ferric Chloride (tons)	NA	17.4	17
Utility Power Purchase (kWh)	189,608	173,017	362,625
Cogen Power (kWh)		462,625	462,625
Natural Gas (Dth)	8	12,096	12,104
Digester Gas to Engine (scfm)		6,246,607	6,246,607
Digester Gas to Boiler (scfm)		0	0
Digester Gas to Flares (scfm)		226,200	226,200

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 2025 (cont'd)

## Agency Flows to SOCWA Opearted Treatment Plants (Including Internal Waste Streams Used for Billing)

Agency	CTP (mgd)	CTP (%)	JBL (mgd)	JBL (%)	Total (mgd)
CLB	1.473	57.42%			1.473
EBSD	0.049	1.91%			0.049
SCWD	1.043	40.67%	2.746	33.73%	3.789
SMWD			5.396	66.27%	5.396
Total	2.565	100.00%	8.142	100.00%	10.707

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

Agency	SJCOO (mgd)	SJCOO (%)	ACOO (mgd)	ACOO (%)	Total (mgd)	Notes
CLB			1.47	15.50%	1.47	
EBSD			0.05	0.52%	0.05	
SCWD	3.25	27.51%	0.85	8.93%	4.10	Includes MNWD
ETWD			7.13	75.05%	7.13	Includes IRWD and MNWD
SMWD	5.75	48.62%			5.75	Includes CSJC
CSC	2.82	23.87%			2.82	
Total	11.83	100.00%	9.50	100.00%	21.33	



# SOCWA Operational Report May 2025 (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 (%)
SCWD	6.75	51.92%	2.998	39.11%	2.746	33.73%	2.99	35.23%
SMWD	6.25	48.08%	4.667	60.89%	5.396	66.27%	5.50	64.77%
Total	13.00	100.00%	7.665	100.00%	8.142	100.00%	8.50	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. (%)
SCWD	16,055	41.62%	10,876	35.92%	7,484	27.45%	7,991	35.26%
SMWD	22,518	58.38%	19,402	64.08%	19,785	72.55%	14,673	64.74%
Total	38,573	100.00%	30,278	100.00%	27,269	100.00%	22,664	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	16.62%	13.296	16.62%	2.823	23.87%	2.705	21.22%
SCWD(3)	18.83%	15.064	18.83%	3.255	27.51%	3.879	30.43%
SMWD(4)	64.55%	51.640	64.55%	5.751	48.62%	6.164	48.35%
Total	100.00%	80.000	100.00%	11.829	100.00%	12.748	100.00%

(1) Influent billing meter summary:

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

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

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

(4) All monthly flow data from CSJC is reported as part of SMWD's flow to the ocean outfall.

# SOCWA Operational Report May 2025 (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	3.64	54.33%	1.430	53.56%	1.473	57.42%	1.484	56.95%
EBSD	0.20	2.99%	0.060	2.25%	0.049	1.91%	0.059	2.28%
SCWD	2.86	42.69%	1.180	44.19%	1.043	40.67%	1.062	40.78%
Total	6.70	100.00%	2.670	100.00%	2.565	100.00%	2.605	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%	1.473	15.50%	1.484	14.96%
EBSD	0.78%	0.390	0.78%	0.049	0.52%	0.059	0.60%
ETWD	16.30%	8.151	16.30%	1.884	19.83%	2.139	21.57%
MNWD(1)	43.85%	21.924	43.85%	3.077	32.38%	3.222	32.50%
IRWD(1)	15.76%	7.880	15.76%	2.170	22.84%	2.171	21.90%
SCWD	12.31%	6.155	12.31%	0.848	8.93%	0.839	8.46%
Total	100.00%	50.000	100.00%	9.501	100.00%	9.914	100.00%

(1) Permitted flow to the ACOO from IRWD and MNWD who are not member agencies of SOCWA.

## SOCWA Operational Report May 2025 (cont'd)

### *Select Critical Equipment Repairs*

#### JBL - PC2

Troubleshoot failed Effluent Pump at JBL.  
Troubleshoot failed Screenings Conveyor #1 belt at JBL.  
Troubleshoot failed Raw Sewage Pumps VFD at JBL.  
Troubleshoot failed Primary Sludge Pump #2 at JBL.  
Troubleshoot failed Godwin Pump #2 at JBL.  
Overhauled the Potable Water Booster Pump #2 at JBL.  
Overhauled the RAS #1 Pump at JBL.  
Troubleshoot failed Bar Screen #1 at JBL.  
Troubleshoot failed Centrifuge #2 at JBL.  
Replaced the failed Cogen Natural Gas Flow Meter at JBL.  
Troubleshoot failed Primary Tank Flight Drive #1 at JBL.  
Troubleshoot failed Grit Pump #1 at JBL.  
Troubleshoot failed Aeration Blower #7 at JBL.  
Overhauled the Process Water Pump #1 at JBL.  
Troubleshoot RAS system at JBL.

#### CTP - PC15

Repaired failing West Grit Pump at CTP.  
Troubleshoot failed RAS Bleach Pump #1 at CTP.  
Troubleshoot failed RAS Bleach Pump #2 at CTP.  
Replaced the failed AWT Bleach Metering Pump #3 at CTP.

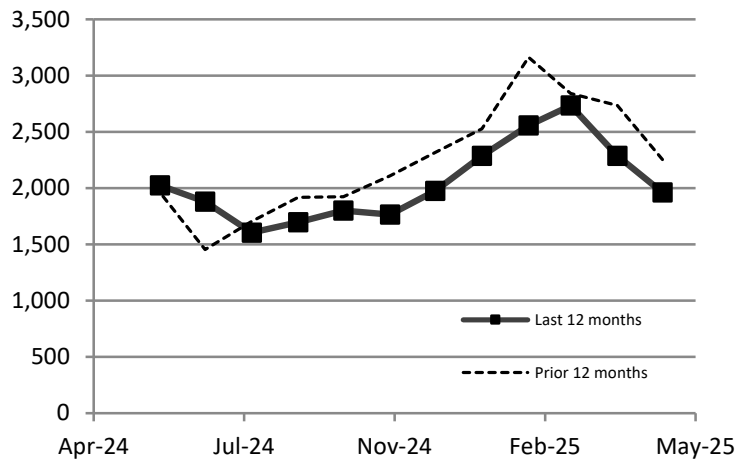
# SOCWA Ocean Outfall Discharges by Agency

## SOCWA Operational Report May 2025 (cont'd)

Agency	SJCOO (mgd)	SJCOO (%)	ACOO (mgd)	ACOO (%)	Total (mgd)
CLB			1.47	15.50%	1.47
EBS			0.05	0.52%	0.05
SCWD	3.25	27.51%	0.85	8.93%	4.10
ETWD			7.13	75.05%	7.13
SMWD					5.75
CSC	2.82	23.87%			2.82
Total	11.83	100.00%	9.50	100.00%	21.33
or Acre-Feet per year equivalent					23,889

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

May-25	1,962
Apr-25	2,288
Mar-25	2,734
Feb-25	2,558
Jan-25	2,286
Dec-24	1,976
Nov-24	1,766
Oct-24	1,802
Sep-24	1,698
Aug-24	1,605
Jul-24	1,880
Jun-24	2,026
Total	24,578



# Beach / Ocean Monitoring Report

## ALISO CREEK OCEAN OUTFALL MONITORING REPORT

May 2025

DATE	IRWD LOS ALISOS WRP				EL TORO WRP				SOCWA REGIONAL PLANT				SOCWA COASTAL PLANT				IRWD IDP	IRWD SGU	SCWD ACWRF	ACOO	Rain
	FLOW	TSS	cBOD	SS	FLOW	TSS	cBOD	SS	FLOW	TSS	cBOD	SS	FLOW	TSS	cBOD	SS	FLOW	FLOW	FLOW	FLOW	Fall
	MGD	mg/L	mg/L	ml/L	MGD	mg/L	mg/L	ml/L	MGD	mg/L	mg/L	ml/L	MGD	mg/L	mg/L	ml/L	MGD	MGD	MGD	MGD	inches
05/01/25	3.444	15.0	20.0	<0.1	3.185	22.8	9.0	<0.1	3.100	7.8	5.0	0.1	1.871	2.5	3.0	<0.1	0.444	0.000	0.149	12.193	0.00
05/02/25	3.271	16.0	24.0	<0.1	0.751	16.8	8.5	0.1	3.43	6.2	5.0	<0.1	2.079	6.1	6.0	<0.1	0.444	0.000	0.145	10.120	0.00
05/03/25	3.246	16.0		<0.1	2.538	22.0	9.0	0.1	3.920	8.6	5.0		2.462	4.9	4.0		0.444	0.000	0.124	12.734	0.04
05/04/25	3.257	14.0	21.0	<0.1	3.056	9.2	6.8	0.1	4.720	8.5	7.0	<0.1	2.392	6.7	7.0	<0.1	0.444	0.000	0.117	13.986	0.13
05/05/25	3.268	16.0	24.0	<0.1	3.230	9.8		0.1	5.620	7.7	7.0	<0.1	2.643	6.5	7.0	<0.1	0.444	0.000	0.129	15.334	0.02
05/06/25	3.404	17.0	25.0	<0.1	3.047	12.0	6.0	0.1	4.960	6.4	5.0	<0.1	2.559	6.6	6.0	<0.1	0.444	0.000	0.139	14.553	0.00
05/07/25	3.377	11.0	24.0	<0.1	2.738	8.8	5.0	0.1	4.240	7.2	7.0	0.3	1.984	9.9	8.0	<0.1	0.435	0.000	0.139	12.913	0.00
05/08/25	3.386	16.0	14.0	<0.1	1.339	9.5	5.0	0.1	4.930	7.4	5.0	1.0	2.245	3.9	4.0	<0.1	0.444	0.003	0.137	12.484	0.00
05/09/25	3.368	13.0	14.0	<0.1	1.936	13.4	8.7	<0.1	4.350	6.4	6.0	<0.1	2.421	5.5	5.0	<0.1	0.444	0.000	0.133	12.652	0.00
05/10/25	3.337	11.0		<0.1	1.084	11.6	5.7	0.1	3.170	10.2	7.0		2.023	7.3	7.0		0.443	0.000	0.140	10.197	0.00
05/11/25	3.331	15.0	11.0	<0.1	2.899	9.2	5.0	<0.1	3.240	5.8	5.0	0.3	2.283	8.0	5.0	<0.1	0.444	0.000	0.117	12.314	0.00
05/12/25	3.334	11.0	10.0	<0.1	2.985	7.0		<0.1	4.430	8.6	6.0	0.3	2.487	8.1	6.0	<0.1	0.444	0.000	0.130	13.810	0.00
05/13/25	3.393	12.0	9.3	<0.1	0.799	9.0	4.2	<0.1	1.180	10.2	6.0	0.2	2.422	6.3	7.0	<0.1	0.437	0.003	0.141	8.375	0.03
05/14/25	3.379	29.0	10.0	<0.1	1.386	11.3	6.0	0.1	1.330	4.4	6.0	0.1	2.099	7.5	6.0	<0.1	0.440	0.003	0.131	8.768	0.00
05/15/25	3.382	10.0	4.5	<0.1	1.215	10.8	6.4	0.1	2.500	4.9	5.0	0.1	2.526	2.5	3.0	<0.1	0.440	0.003	0.131	10.197	0.00
05/16/25	3.335				1.115	8.8	7.5	<0.1	2.810	4.7	6.0	<0.1	2.095	7.0	7.0	<0.1	0.441	0.003	0.132	9.931	0.00
05/17/25	No Flow				1.442	18.0	8.0	0.1	3.920	5.7	5.0		1.933	1.4	2.0		0.443	0.003	0.142	7.883	0.00
05/18/25	No Flow				2.117	3.0	2.9	<0.1	4.730	5.2	6.0	<0.1	2.305	3.8	5.0	<0.1	0.443	0.000	0.128	9.723	0.00
05/19/25	No Flow				2.123	11.8		0.1	3.320	5.3	6.0	<0.1	2.475	5.2	6.0	<0.1	0.444	0.003	0.121	8.486	0.00
05/20/25	No Flow				1.539	11.5	4.4	0.1	1.560	7.0	5.0	<0.1	1.944	1.1	2.0	<0.1	0.443	0.003	0.131	5.620	0.00
05/21/25	No Flow				0.755	13.3	6.0	0.1	1.900	5.3	5.0	0.1	2.021	11.0	7.0	<0.1	0.438	0.003	0.129	5.246	0.00
05/22/25	No Flow				0.504	12.3	6.0	<0.1	2.230	4.5	4.0	0.1	1.884	1.6	2.0	0.1	0.444	0.003	0.151	5.216	0.00
05/23/25	No Flow				1.264	14.8	7.2	<0.1	1.620	4.8	4.0	<0.1	2.057	8.3	7.0	<0.1	0.444	0.003	0.102	5.490	0.00
05/24/25	No Flow				2.013	14.2	6.0	0.1	2.200	5.8	4.0		2.105	1.9	3.0		0.444	0.003	0.184	6.949	0.00
05/25/25	No Flow				1.924	2.3	2.7	<0.1	4.470	4.6	6.0	<0.1	1.997	8.3	5.0	<0.1	0.444	0.003	0.000	8.838	0.00
05/26/25	No Flow				2.265	9.5		<0.1	1.140	5.8	6.0	0.2	2.486	2.4	3.0	<0.1	0.444	0.003	0.007	6.345	0.00
05/27/25	No Flow				2.309	13.5	5.2	0.1	2.590	12.0	15.0	0.2	2.931	9.2	7.0	<0.1	0.444	0.003	0.107	8.384	0.00
05/28/25	No Flow				2.684	12.7	6.0	<0.1	2.140	6.3	5.0	<0.1	2.309	6.4	5.0	<0.1	0.443	0.003	0.131	7.710	0.00
05/29/25	No Flow				1.771	14.0	6.3	0.1	1.890	6.6	5.0	<0.1	2.083	8.8	7.0	<0.1	0.430	0.003	0.146	6.323	0.00
05/30/25	No Flow				1.375	16.8	7.0	<0.1	1.680	6.2	5.0	<0.1	2.223	5.9	5.0	<0.1	0.444	0.003	0.127	5.852	0.00
05/31/25	No Flow				1.010	19.2	8.0	0.1	2.060	6.2	4.0		2.244	7.4	6.0		0.444	0.003	0.146	5.907	0.00
AVG	1.726	14.8	16.2	<0.1	1.884	12.2	6.2	<0.1	3.077	6.7	5.7	<0.2	2.245	5.9	5.3	<0.1	0.442	0.002	0.125	9.501	
TOTAL	53.51				58.40				95.38				69.59				13.71	0.06	3.886	294.53	0.22

Unified Beach Monitoring

#1

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: May 2025  
 REPORT DUE: July 1 2025  
 SAMPLE SOURCE: Surf zone  
 TYPE OF SAMPLE: Grab

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

Tidal Condition: Low Tide 7:01

Weather: Overcast

COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage				Water	H2O	Water	Water	Birds
			Coliform	Coliform	coccus	Origin		Oil &	Odor					
			CFU/100ml	CFU/100ml	CFU/100ml	Onshore	Offshore	Grease						
			SM9222B	SM9222D	EPA 1600					Color	Temp(F)	Condition	Outlet	
S3	05/01/25	8:16	<10	<10	<2	None	None	None	None	Blue	62	Clear		
S4	05/01/25	10:19	10	<10	<2	None	None	None	None	Blue		Clear		
S5	05/01/25	10:07	<10	<10	<2	None	None	None	None	Blue		Clear		
S6	05/01/25	9:54	<10	<10	<2	None	None	None	None	Blue		Clear		
WEST	05/01/25	9:49	<10	<10	<2	None	None	None	None	Blue		Clear		
S7	05/01/25	9:42	<10	<10	<2	None	None	None	None	Blue		Clear		
S8	05/01/25	9:36	<10	<10	<2	None	None	None	None	Blue		Clear		
S9	05/01/25	9:30	10	<10	<2	None	None	None	None	Blue		Clear		
ACM1	05/01/25	9:24	<10	<10	<2	None	None	None	None	Blue		Clear		
S10	05/01/25	9:14	10	20	<2	None	None	None	None	Blue		Clear		
S11	05/01/25	9:08	10	<10	<2	None	None	None	None	Blue	Clear			
S12	05/01/25	8:58	<10	<10	<2	None	None	None	None	Blue	Clear			

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



Unified Beach Monitoring

#2

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: May 2025

REPORT DUE: July 1, 2025

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 6:47

Weather: Clear

COMMENTS:

STA#	DATE	TIME	Total Coliform	Fecal Coliform	Entero- coccus	Material of Sewage		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	05/07/25	7:58	<10	10	2	None	None	None	None	Light		Clear		
S4	05/07/25	7:45	10	10	2	None	None	None	None	Light		Clear		
S5	05/07/25	7:05	<10	10	110	None	None	None	None	Light		Clear		
S6	05/07/25	7:27	<10	10	<2	None	None	None	None	Light		Clear		
WEST	05/07/25	7:25	<10	<10	<2	None	None	None	None	Light		Clear		
S7	05/07/25	7:21	10	<10	<2	None	None	None	None	Light		Clear		
S8	05/07/25	6:54	<10	<10	<2	None	None	None	None	Light		Clear		
S9	05/07/25	6:50	<10	<10	<2	None	None	None	None	Light		Clear		
ACM1	05/07/25	6:47	<10	<10	<2	None	None	None	None	Light		Clear		
S10	05/07/25	6:29	<10	<10	<2	None	None	None	None	Light	60	Clear		
S11	05/07/25	6:26	<10	<10	<2	None	None	None	None	Light		Clear		
S12	05/07/25	6:16	<10	<10	<2	None	None	None	None	Light	60	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

Unified Beach Monitoring

#3

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: May 2025  
 REPORT DUE: July 1, 2025  
 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 5:52

Weather: Overcast

COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-										
			Coliform	Coliform	coccus	Material of Sewage									
			CFU/100ml	CFU/100ml	CFU/100ml	Origin	Oil &		Water	H2O	Water	Water			
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Outlet	Birds	
S3	05/15/25	8:07	10	<10	<2	None	None	None	None	Green	61	Slightly Turbid			
S4	05/15/25	10:17	10	10	<2	None	None	None	None	Green		Slightly Turbid			
S5	05/15/25	10:00	<10	10	<2	None	None	None	None	Green		Slightly Turbid			
S6	05/15/25	9:40	<10	10	2	None	None	None	None	Green		Slightly Turbid			
WEST	05/15/25	9:37	<10	<10	<2	None	None	None	None	Green		Slightly Turbid			
S7	05/15/25	9:33	<10	<10	<2	None	None	None	None	Green		Slightly Turbid			
S8	05/15/25	9:18	<10	<10	<2	None	None	None	None	Green		Slightly Turbid			
S9	05/15/25	9:15	<10	<10	<2	None	None	None	None	Green		Slightly Turbid			
ACM1	05/15/25	9:10	<10	<10	<2	None	None	None	None	Green		Slightly Turbid			
S10	05/15/25	8:47	<10	<10	<2	None	None	None	None	Green		Slightly Turbid			
S11	05/15/25	8:42	<10	<10	<2	None	None	None	None	Green		Slightly Turbid			
S12	05/15/25	8:32	50	70	6	None	None	None	None	Green		Slightly Turbid			

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

Unified Beach Monitoring

#4

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: May 2025  
 REPORT DUE: July 1, 2025  
 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 5:45

Weather: Overcast

COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-										
			Coliform	Coliform	coccus	Material of Sewage									
			CFU/100ml	CFU/100ml	CFU/100ml	Origin	Oil &		Water	H2O	Water	Water			
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Outlet	Birds	
S3	05/22/25	7:29	<10	<10	<2	None	None	None	None	Blue		Clear			
S4	05/22/25	7:15	20	10	<2	None	None	None	None	Blue		Clear			
S5	05/22/25	6:16	<10	<10	2	None	None	None	None	Blue		Clear			
S6	05/22/25	6:56	<10	<10	<2	None	None	None	None	Blue		Clear			
WEST	05/22/25	6:55	<10	<10	<2	None	None	None	None	Blue		Clear			
S7	05/22/25	6:50	<100	<10	<2	None	None	None	None	Blue		Clear			
S8	05/22/25	6:05	<10	<10	<2	None	None	None	None	Blue		Clear			
S9	05/22/25	6:03	20	20	2	None	None	None	None	Blue		Clear			
ACM1	05/22/25	5:58	<10	20	<2	None	None	None	None	Blue		Clear			
S10	05/22/25	5:47	<10	<10	2	None	None	None	None	Blue		Clear			
S11	05/22/25	5:41	<10	<10	<2	None	None	None	None	Blue		Clear			
S12	05/22/25	5:34	10	<10	<2	None	None	None	None	Blue	67	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

#5

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: May 2025  
 REPORT DUE: July 1, 2025  
 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 6:05

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	Coliform	coccus	Origin								
			CFU/100ml	CFU/100ml	CFU/100ml									
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore							
S3	05/29/25	10:31	<10	<10	<2	None	None	None	None	Blue	67	Clear		
S4	05/29/25	10:05	20	<10	2	None	None	None	None	Blue		Clear		
S5	05/29/25	9:45	<10	<10	<2	None	None	None	None	Blue		Clear		
S6	05/29/25	9:28	<10	<10	<2	None	None	None	None	Blue		Clear		
WEST	05/29/25	9:26	<10	<10	<2	None	None	None	None	Blue		Clear		
S7	05/29/25	9:23	<10	<10	<2	None	None	None	None	Blue		Clear		
S8	05/29/25	9:08	10	<10	<2	None	None	None	None	Blue		Clear		
S9	05/29/25	9:06	<10	<10	<2	None	None	None	None	Blue		Clear		
ACM1	05/29/25	9:05	10	<10	<2	None	None	None	None	Blue		Clear		
S10	05/29/25	8:40	10	<10	10	None	None	None	None	Blue		Clear		
S11	05/29/25	8:25	<10	<10	6	None	None	None	None	Blue		Clear		
S12	05/29/25	8:19	10	<10	<2	None	None	None	None	Blue		Clear		

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

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



## **Aliso Creek Ocean Outfall**

### **Unified Beach Water Quality Monitoring Stations**

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

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

## MONITORING REPORT

## Off Shore Stations

South Orange County Wastewater Authority

DISCHARGE: Aliso Creek Ocean Outfall

Report For: May 2025

Report Frequency: Monthly

Report Due: July 1, 2025

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 @ 6:54

Sta No.	Sample Depth	Sample Date	Total Coliform CFU/100ml SM9222B	Fecal Coliform CFU/100ml SM9222D	Enterococcus CFU/100ml EPA 1600	Sample Time	Oil & Grease	Sewage Debris	0 - None 1 - Mild 2 - Moderate 3 - Severe
A-1	Surface	05/07/25	<2	<2	2	8:11			
A-1	Mid depth	05/07/25	<10	<10	<10				
A-2	Surface	05/07/25	<2	<2	<2	8:04			
A-2	Mid depth	05/07/25	<10	<10	<10				
A-3	Surface	05/07/25	<2	<2	<2	8:26			
A-3	Mid depth	05/07/25	<10	<10	<10				
A-4	Surface	05/07/25	<2	<2	<2	8:31			
A-4	Mid depth	05/07/25	<10	<10	<10				
A-5	Surface	05/07/25	<2	<2	<2	8:18			
A-5	Mid depth	05/07/25	<10	<10	<10				
B-1	Surface	05/07/25	<2	<2	<2	7:45			
B-1	Mid depth	05/07/25	<10	<10	<10				
B-2	Surface	05/07/25	<2	<2	<2	8:42			
B-2	Mid depth	05/07/25	<10	<10	<10				
N1	Surface	05/07/25	<2	<2	<2	9:23			
N2	Surface	05/07/25	<2	<2	<2	9:19			
N3	Surface	05/07/25	<2	<2	<2	9:15			
N4	Surface	05/07/25	<2	<2	<2	9:12			
N5	Surface	05/07/25	<2	<2	<2	9:10			
N6	Surface	05/07/25	<2	<2	<2	9:04			
N7	Surface	05/07/25	<2	<2	<2	9:00			

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

Receiving Water Limitations: (1) 30-Day geometric mean of fecal coliform density not to exceed 200 CFU/100 mL

calculated based on the five most recent samples from each site (2) single sample max not to exceed 400 CFU/100 mL

(3) Enterococcus 6-week rolling geometric mean not to exceed 30 CFU/100 mL, calculated weekly. (4) Statistical threshold value (STV)

of 110 CFU/100 mL for enterococcus not to be exceeded by more than 10% of samples collected in a calendar month, calculated in a static manner

**Compliance Summary Report  
Aliso Creek Ocean Outfall May 2025**

ACOO Permit Order No. R9-2022-0006							
Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Potential Fine
There were no water quality violations during this reporting period.							





**SOCWA and MEMBER AGENCY FACILITIES**  
**ACOO Spill / Overflow Report Log - May 2025 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 2025

DATE	J.B. LATHAM FACILITY				SAN CLEMENTE WRP				SMWD CHIQUITA WRP				3-A PLANT				CSJC Desalter	SCWD Desalter	SJCOO	Rain Fall
	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	FLOW MGD	FLOW MGD	inches
05/01/25	7.640	8.1	9.1	<0.1	2.580	8.1	8.0	0.1	0.000				0.009	6.8	5.3	<0.1	0.460	0.174	12.180	0.00
05/02/25	7.580	7.9	8.9	0.1	3.240	7.0	7.0	0.1	0.000				0.008	6.0	5.0	<0.1	0.460	0.171	11.820	0.00
05/03/25	7.610	8.2	8.0		2.970				0.000				0.013				0.460	0.174	11.420	0.04
05/04/25	7.800	8.4	9.3	<0.1	3.220		8.0		0.000				0.491				0.460	0.173	11.790	0.13
05/05/25	8.140	11.3	10.1	<0.1	3.600	7.6	7.0	0.1	0.066	3.3	2.7	<0.1	0.707	4.8	5.7	<0.1	0.460	0.171	13.060	0.02
05/06/25	7.960	5.9	6.0	<0.1	3.380	8.2	8.0	<0.1	0.000				0.099	4.2	4.7	<0.1	0.450	0.172	13.010	0.00
05/07/25	7.930	11.6	7.6	<0.1	3.220	7.4	6.0	<0.1	0.067	4.9	4.3	<0.1	0.061	7.0	6.2	<0.1	0.440	0.170	12.730	0.00
05/08/25	8.260	10.5	7.6	0.1	2.760	8.0	7.0	<0.1	0.005	4.5	3.6	<0.1	0.015	3.6	4.9	<0.1	0.440	0.174	12.030	0.00
05/09/25	7.960	7.7	7.6	<0.1	2.860	7.4	8.0	<0.1	0.001	4.8	3.7	<0.1	0.156	3.4	5.5	<0.1	0.430	0.174	11.460	0.00
05/10/25	7.970	7.9	7.8		2.510				0.000				0.007				0.430	0.175	11.680	0.00
05/11/25	8.090	13.7	8.9	<0.1	2.980		8.0		0.000				0.244				0.410	0.175	12.070	0.00
05/12/25	8.180	13.3	15.0	<0.1	2.710	8.5	9.0	<0.1	0.000				0.080	6.6	6.2	<0.1	0.350	0.171	11.690	0.00
05/13/25	8.010	14.8	9.5	<0.1	2.370	8.4	7.0	<0.1	0.000				0.106	8.4	7.3	<0.1	0.380	0.176	11.310	0.03
05/14/25	7.870	15.2	8.0	<0.1	2.450	8.3	8.0	<0.1	0.014	5.2	3.6	<0.1	0.285	6.4	5.9	<0.1	0.410	0.174	11.370	0.00
05/15/25	7.740	10.3	7.4	0.1	2.360	8.2	8.0	0.1	0.000				0.329	3.2	5.2	<0.1	0.390	0.170	11.320	0.00
05/16/25	7.360	6.0	4.0	<0.1	2.810	3.0	6.0	<0.1	0.000				0.024	6.4	6.1	<0.1	0.390	0.175	11.150	0.00
05/17/25	7.900	7.2	5.4		2.240				0.000				0.029				0.390	0.174	11.130	0.00
05/18/25	7.770	7.9	5.4	<0.1	2.540		6.0		0.000				0.359				0.390	0.170	10.980	0.00
05/19/25	8.010	10.4	7.2	<0.1	2.880	11.6	8.0	0.4	0.000				0.246	7.6	7.9	<0.1	0.390	0.021	11.950	0.00
05/20/25	8.340	8.5	5.4	0.1	2.800	12.3	11.0	0.2	0.000				0.270	6.4	5.8	<0.1	0.390	No Flow	12.220	0.00
05/21/25	8.370	4.6	6.4	<0.1	2.600	13.6	6.0	<0.1	0.012	3.0	3.7	0.2	0.101	6.0	4.9	<0.1	0.390	1.228	11.410	0.00
05/22/25	7.980	7.2	6.4	0.1	2.680	14.8	10.0	0.6	0.000				0.008	4.8	5.3	<0.1	0.430	0.141	13.100	0.00
05/23/25	7.910	7.2	7.6	<0.1	3.360	6.2	7.0	<0.1	0.000				0.226	3.2	4.8	<0.1	0.420	0.174	12.230	0.00
05/24/25	7.980	7.0	9.0		3.350				0.000				0.828				0.410	0.174	11.580	0.00
05/25/25	7.950	6.2	8.3	<0.1	2.700		8.0		0.000				0.344				0.410	0.174	12.630	0.00
05/26/25	7.330	7.2	6.0	<0.1	3.060	8.9	9.0	0.2	0.000				0.903				0.410	0.174	11.660	0.00
05/27/25	8.150	12.7	10.3	<0.1	3.180	8.1	8.0	0.1	0.000				0.789	10.2	9.2	<0.1	0.000	0.175	13.750	0.00
05/28/25	7.760	8.1	6.4	<0.1	2.580	6.6	7.0	0.1	0.005	1.0	3.5	<0.1	0.741	5.6	6.0	<0.1	0.000	0.169	13.220	0.00
05/29/25	7.700	7.6	6.7	<0.1	2.650	7.5	8.0	0.1	0.000				0.732	3.6	5.1	<0.1	0.000	0.175	12.510	0.00
05/30/25	7.840	7.3	6.4	<0.1	2.750	6.7	9.0	0.1	0.000				0.695	5.6	5.7	<0.1	0.000	0.175	11.710	0.00
05/31/25	7.850	6.3	6.0		2.130				0.000				0.794	7.0	6.0	<0.1	0.000	0.171	11.170	0.00
AVG	7.901	8.9	7.7	<0.1	2.823	8.5	7.8	<0.1	0.005	3.8	3.6	<0.1	0.313	5.8	5.9	<0.1	0.350	0.196	11.979	
TOTAL	244.940				87.520				0.170				9.699				10.850	6.064	371.340	0.22

Unified Beach Monitoring

#1

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: May 2025  
 REPORT DUE: July 1, 2025  
 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 05:38

Weather: Overcast

COMMENTS:

STATION #	DATE	TIME	Total Coliform CFU/100ml	Fecal Coliform CFU/100ml	Enterococcus CFU/100ml	Material of Sewage Origin		Oil & Grease		Water Color		H2O Temp(F)	Water Condition	Water Outlet	Birds
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color					
S0	05/06/25	09:20	80	20	10	None	None	None	None	Green			Slightly Turbid		
S1	05/06/25	09:10	20	80	8	None	None	None	None	Green			Clear		
S2	05/06/25	10:00	20	<20	<2	None	None	None	None	Green			Slightly Turbid		
DSB5	05/06/25	10:10	20	<20	<2	None	None	None	None	Green	59		Slightly Turbid		
S3	05/06/25	09:00	<20	<20	<2	None	None	None	None	Green			Clear		
DSB4	05/06/25	08:55	<20	40	64	None	None	None	None	Green			Clear		
S5	05/06/25	08:50	20	<20	2	None	None	None	None	Green			Slightly Turbid		
DSB1	05/06/25	08:45	20	20	<2	None	None	None	None	Green			Slightly Turbid		
SJC1	05/06/25	09:40	200	200	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.

Unified Beach Monitoring

#2

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: May 2025  
 REPORT DUE: July 1, 2025  
 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 11:12

Weather: Clear

COMMENTS:

STATION #	DATE	TIME	Total Coliform CFU/100ml	Fecal Coliform CFU/100ml	Entero- coccus CFU/100ml	Material of Sewage Origin		Oil & Grease		Water Color		H2O Temp(F)	Water Condition	Water Outlet	Birds
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Condition	Outlet	
S0	05/13/25	09:20	<20	<20	<2	None	None	None	None	Green			Slightly Turbid		
S1	05/13/25	09:10	<20	<20	<2	None	None	None	None	Green			Slightly Turbid		
S2	05/13/25	09:45	<20	<20	<2	None	None	None	None	Green	59		Slightly Turbid		
DSB5	05/13/25	10:00	20	40	6	None	None	None	None	Green			Slightly Turbid		
S3	05/13/25	09:00	<20	<20	<2	None	None	None	None	Green			Slightly Turbid		
DSB4	05/13/25	08:55	<20	<20	<2	None	None	None	None	Green			Clear		
S5	05/13/25	08:45	<20	<20	<2	None	None	None	None	Green			Clear		
DSB1	05/13/25	08:40	<20	20	<2	None	None	None	None	Green			Slightly Turbid		
SJC1	05/13/25	09:30	<100	<100	<10	None	None	None	None	Green			Slightly Turbid		

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

Unified Beach Monitoring

#3

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: May 2025  
 REPORT DUE: July 1, 2025  
 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 09:23

Weather: Clear

COMMENTS:

STATION #	DATE	TIME	Total Coliform CFU/100ml	Fecal Coliform CFU/100ml	Entero-coccus CFU/100ml	Material of Sewage Origin		Oil & Grease		Water Color		H2O Temp(F)	Water Condition	Water Outlet	Birds
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition			
S0	05/19/25	10:08	<20	20	2	None	None	None	None	Green			Clear		
S1	05/19/25	10:00	<20	20	4	None	None	None	None	Green			Clear		
S2	05/19/25	09:41	20	<20	<2	None	None	None	None	Green			Clear		
DSB5	05/19/25	09:53	<20	<20	2	None	None	None	None	Green			Clear		
S3	05/19/25	09:46	<20	<20	<2	None	None	None	None	Green	67		Clear		
DSB4	05/19/25	09:38	<20	20	<2	None	None	None	None	Green			Clear		
S5	05/19/25	09:14	<20	<20	<2	None	None	None	None	Green			Clear		
DSB1	05/19/25	09:05	<20	<20	2	None	None	None	None	Green			Clear		
SJC1	05/19/25	09:28	<20	<20	<10	None	None	None	None	Green			Clear		

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

Unified Beach Monitoring

#4

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: May 2025  
 REPORT DUE: July 1, 2025  
 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 10:31

Weather: Overcast

COMMENTS:

			Total	Fecal	Entero-									
			Coliform	Coliform	coccus	Material of Sewage								
			CFU/100ml	CFU/100ml	CFU/100ml	Origin		Oil &		Water	H2O	Water	Water	
STATION														
#	DATE	TIME	SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Outlet	Birds
S0	05/27/25	09:15	20	20	2	None	None	None	None	Green	60	Slightly Turbid		
S1	05/27/25	09:05	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
S2	05/27/25	09:40	20	20	4	None	None	None	None	Green		Slightly Turbid		
DSB5	05/27/25	10:05	>=1900	700	80	None	None	None	None	Green		Slightly Turbid		
S3	05/27/25	08:50	<20	20	8	None	None	None	None	Green		Slightly Turbid		
DSB4	05/27/25	08:45	<20	<20	2	None	None	None	None	Green		Slightly Turbid		
S5	05/27/25	08:40	<20	<20	2	None	None	None	None	Green		Slightly Turbid		
DSB1	05/27/25	08:35	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
SJC1	05/27/25	09:20	<100	<100	<10	None	None	None	None	Green		Slightly Turbid		

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



## **San Juan Creek Ocean Outfall**

### **Unified Beach Water Quality Monitoring Stations**

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

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



## MONITORING REPORT

Offshore

South Orange County Wastewater Authority

DISCHARGE: San Juan Creek Ocean Outfall

Report For: May 2025

Report Frequency: Monthly

Report Due: July 1, 2025

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 @ 736; Sea  
lion at A-1 and A-4

Station No.	Sample Depth	Sample Date	Total Coliform CFU/100ml SM9222B	Fecal Coliform CFU/100ml SM9222D	Enterococcus CFU/100ml EPA 1600	Sample Time	Oil & Grease	Sewage Debris	0 - None 1 - Mild 2 - Moderate 3 - Severe
A-1	Surface	05/08/25	<2	<2	<2	8:23			
A-1	Mid depth	05/08/25	<10	<10	<10				
A-2	Surface	05/08/25	<2	<2	<2	8:17			
A-2	Mid depth	05/08/25	<10	<10	<10				
A-3	Surface	05/08/25	<2	<2	<2	8:34			
A-3	Mid depth	05/08/25	<10	<10	<10				
A-4	Surface	05/08/25	2	<2	<2	8:41			
A-4	Mid depth	05/08/25	<10	<10	<10				
A-5	Surface	05/08/25	<2	<2	<2	8:29			
A-5	Mid depth	05/08/25	<10	<10	<10				
B-1	Surface	05/08/25	2	2	<2	8:05			
B-1	Mid depth	05/08/25	<10	<10	<10				
B-2	Surface	05/08/25	<2	<2	<2	8:52			
B-2	Mid depth	05/08/25	10	<10	<10				
N1	Surface	05/08/25	<2	<2	<2	7:52			
N2	Surface	05/08/25	2	4	<2	7:48			
N3	Surface	05/08/25	6	2	<2	7:42			
N4	Surface	05/08/25	4	4	<2	7:34			
N5	Surface	05/08/25	20	8	<2	7:30			
N6	Surface	05/08/25	10	<2	<2	7:25			

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

Receiving Water Limitations: (1)30-Day geometric mean of fecal coliform density not to exceed 200CFU/100 mL

calculated based on the five most recent samples from each site (2)single sample max not to exceed 400 CFU/100mL

(3) Enterococcus 6-week rolling geometric mean not to exceed 30 CFU/100 mL, calculated weekly. (4) Statistical threshold value (STV) of 110 CFU/100 mL for enterococcus not to be exceeded by more than 10% of samples collected in a calendar month, calculated in a static manner

**Compliance Summary Report**  
**San Juan Creek Ocean Outfall May 2025**

SJCOO Permit Order No. R9-2025-0001							
Agency	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Potential Fine
There were no water quality violations during this reporting period.							



**SOCWA and MEMBER AGENCY FACILITIES**  
**SJCOO Spill / Overflow Report Log - May 2025**  
**Order No. R9-2025-0001 ~ 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
MNWD - RTP	1/7/2025	TDS	12 month	mg/L	1000	1212	
MNWD - RTP	1/7/2025	Manganese	12-Month	mg/L	0.05	0.13	
MNWD - RTP	1/7/2025	Manganese	Daily Maximum	mg/L	0.06	0.07	
SOCWA - CTP	1/7/2025	Manganese	12-Month	mg/L	0.05	0.09	
MNWD - 3A	10/2/2024	TDS	12 month	mg/L	1000	1213	Offline
MNWD - 3A	10/2/2024	Manganese	12 month	mg/L	0.05	0.10	Offline
SMWD-NWRP	1/15/2025	TDS	Daily Maximum	mg/L	1000	1200	
SOCWA - CTP	2/4/2025	Manganese	Daily Maximum	mg/L	0.06	0.08	
SOCWA - CTP	2/4/2025	Manganese	12 month	mg/L	0.05	0.09	
MNWD - RTP	2/4/2025	Manganese	Daily Maximum	mg/L	0.06	0.15	
MNWD - RTP	2/4/2025	Manganese	12 month	mg/L	0.05	0.13	
MNWD - RTP	2/4/2025	TDS	12 month	mg/L	1000	1189	
MNWD - 3A	10/2/2024	TDS	12 month	mg/L	1000	1213	Offline
MNWD - 3A	10/2/2024	Manganese	12 month	mg/L	0.05	0.10	Offline
MNWD - RTP	3/5/2025	TDS	12 month	mg/L	1000	1126	
MNWD - RTP	3/5/2025	Manganese	12-Month	mg/L	0.05	0.12	
MNWD - RTP	3/5/2025	Manganese	Daily Maximum	mg/L	0.06	0.10	
MNWD - 3A	3/5/2025	TDS	12 month	mg/L	1000	1174	
MNWD - 3A	3/5/2025	Manganese	12 month	mg/L	0.05	0.10	
MNWD - 3A	3/5/2025	Manganese	Daily Maximum	mg/L	0.06	0.10	
SOCWA - CTP	3/4/2025	Manganese	Daily Maximum	mg/L	0.06	0.08	
SOCWA - CTP	3/4/2025	Manganese	12-Month	mg/L	0.05	0.08	
SMWD-NWRP	3/21/2025	TDS	12 month	mg/L	1000	1024.00	
SMWD-NWRP	3/21/2025	TDS	Daily Maximum	mg/L	1000	1153	
MNWD - RTP	4/8/2025	TDS	12 month	mg/L	1000	1088	
MNWD - RTP	4/8/2025	Manganese	12-Month	mg/L	0.05	0.13	
MNWD - RTP	4/8/2025	Manganese	Daily Maximum	mg/L	0.06	0.20	
MNWD - 3A	4/3/2025	TDS	12 month	mg/L	1000	1149	

### Waste Discharge Requirement Order 97 - 52

Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Remarks
MNWD - 3A	4/3/2025	Manganese	12 month	mg/L	0.05	0.10	
MNWD - 3A	4/3/2025	Manganese	Daily Maximum	mg/L	0.06	0.12	
SOCWA - CTP	4/1/2025	Manganese	12-Month	mg/L	0.05	0.08	
SOCWA - CTP	4/1/2025	Daily Maximum	12-Month	mg/L	0.05	0.09	
SMWD-NWRP	4/17/2025	TDS	12 month	mg/L	1000	1075	
MNWD - RTP	5/6/2025	TDS	12 month	mg/L	1000	1023	
MNWD - RTP	5/6/2025	Manganese	12-Month	mg/L	0.05	0.13	
MNWD - RTP	5/6/2025	Manganese	Daily Maximum	mg/L	0.06	0.12	
MNWD - 3A	5/5/2025	TDS	12 month	mg/L	1000	1090	
MNWD - 3A	5/5/2025	Manganese	12 month	mg/L	0.05	0.10	
MNWD - 3A	5/5/2025	Manganese	Daily Maximum	mg/L	0.06	0.09	
SOCWA - CTP	5/19/2025	Manganese	12-Month	mg/L	0.05	0.08	
SMWD-NWRP	5/13/2025	TDS	12 month	mg/L	1000	1048	

# Recycled Water Report

## SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

### QUARTERLY RECYCLED WATER MONITORING

Monitoring Period Ending: May 31, 2025

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	933		928	1,048	1,090	1,047	865
Chloride	mg/L	375	219		247	290	217	196	209
Sulfate	mg/L	400	302		243	219	373	263	252
Sodium	mg/L	None	57		178	213		196	164
Alkalinity	mg/L	None	-	-	-	-		233	180
Adjusted SAR	Ratio	None	4.95		5.24	5.88	3.30	4.12	4.04
Iron	mg/L	0.3	0.049		0.135	0.167	0.22	0.237	0.154
Manganese	mg/L	0.05	0.008		0.043	0.017	0.10	0.127	0.077
MBAS	mg/L	0.5	ND0.11		ND0.16	ND0.18	<0.02	<0.12	<0.11
Boron	mg/L	0.67	0.259		0.218	0.425	0.28	0.296	0.25
Fluoride	mg/L	None	0.69		0.53	0.59	0.80	0.74	0.56
Total Organic Carbon	mg/L	None	6.2		12.4	12.7	6.4	10.9	9.8

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

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

844

SOCWA Service Area  
Recycled Water Production (ac-ft)  
2025

Agency	Facility or Region	Jan '25	Feb '25	Mar '25	Apr '25	May '25	Jun '25	Jul '25	Aug '25	Sep '25	Oct '25	Nov '25	Dec '25	Annual Totals
CSJC 1	3-A Plant/MNWD	0.00	0.00	0.00	0.00	0.00								0.00
CSJC 2	Chiquita/SMWD	12.90	1.91	4.31	19.45	21.06								59.63
CSJC 3	Non-Domestic Well	30.43	14.44	18.76	33.64	50.52								147.79
ETWD	Region 8	76.42	28.25	39.53	113.74	154.52								412.46
IRWD														
	<sup>4</sup> IRWD - 8	135.30	38.33	37.59	135.62	178.24								525.09
	<sup>4</sup> IRWD - 9	53.53	18.46	20.85	64.04	70.76								227.64
SCWD	SOCWA CTP	54.89	19.84	35.36	62.63	71.49								294.97
MNWD	JRP	449.87	260.06	73.93	223.63	378.52								1,386.00
	3-A Plant	0.00	0.00	145.44	144.28	126.07								415.79
	<sup>5</sup> CTP	5.27	-1.23	9.09	22.13	19.90								55.16
SMWD	Oso Creek													
	Chiquita	362.93	426.67	506.31	471.75	495.66								2,263.30
	Nichols	1.73	1.49	1.74	1.63	1.91								8.49
TCWD	RRWRP	37.50	35.59	41.56	39.15	39.67								193.46
TOTALS		1,220.77	843.82	934.45	1,331.69	1,608.32								5,989.81

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



# Agenda Item

# 5.D.

**Board of Directors Meeting**

**Meeting Date:** August 7, 2025

**TO:** Board of Directors  
**FROM:** Jim Burror, Deputy General Manager/Chief Engineer  
**SUBJECT:** June 2025 Operations Report

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## Summary/Discussion

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

1. Monthly Operational Report – Fiscal Year 24-25

A six (6) 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. Fiscal Year Report on Key Operational Expenses

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

4. Beach Ocean Monitoring Report

5. Recycled Water Report

6. Pretreatment Report (June/July)

## Fiscal Impact

No change.

**Recommended Action:** Receive and file the Operational Reports.

# Monthly Operational Report

# SOCWA Operational Report June 2025

## Excursion, Complaint, and Violation Events

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

## Plant Wastewater Characteristics

Key Parameters	CTP	JBL TP1	JBL TP2	Total
Influent (mgd) (1)	2.45	7.32	1.01	10.78
Effluent (mgd)	2.39	7.32	2.63	12.33
Peak Flow (mgd)	6.89	9.53	7.11	23.53
Influent BOD (mg/l)	273	335	363	
Influent TSS (mg/l)	303	440	317	
Effluent BOD (mg/l)	5.2	7.5	7.1	
Effluent TSS (mg/l)	6.3	8.3	9.3	
Effluent Turbidity (NTU)	2.2	4.2	3.6	

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

## Recycled Water (AWT) Operations

Key Parameters	CTP	JBL	Totals
Average Flow (mgd)	0.74		0.74
Days of Operation (days)	30		
Total Flow (million gallons)	22.27		22.27
Plant Irrigation (million gallons)	0.10	0.25	0.35
AWT Time Online (%)	99.2		

### 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 June 2025 (cont'd)

## Biosolids Management

Biosolids Management Site	CTP	JBL	Totals
Nursery Products (tons)		741.3	741.3
Prima Deshecha (tons)		0.0	0.0
Other: (tons)		0.0	0.0
Total Processed (tons)		741.3	741.3

## Summary of Maintenance Activities

Task Type	CTP	JBL	Totals
Preventative Maintenance	122	218	340
Corrective Maintenance	5	48	53

## Site Visitors

Visitor Types	CTP	JBL	Totals
Regulatory	0	1	1
Member Agency	0	5	5
Residents	0	0	0
Others	6	15	21
Tours #/Visitors	0	0	0

## Grit Disposal Management

Grit & Screenings	CTP	JBL	Totals
Simi Valley Landfill (tons)	12.0	41.2	53.2

## Chemical and Energy Utilization

Chemical/Utility	CTP	JBL	Totals
Ferric Chloride (tons)	NA	NA	0
Utility Power Purchase (kWh)	189,608	172,781	362,389
Cogen Power (kWh)		444,114	444,114
Natural Gas (Dth)	NA	NA	0
Digester Gas to Engine (scfm)		6,003,410	6,003,410
Digester Gas to Boiler (scfm)		0	0
Digester Gas to Flares (scfm)		211,479	211,479

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 June 2025 (cont'd)

## Agency Flows to SOCWA Operated Treatment Plants (Including Internal Waste Streams Used for Billing)

Agency	CTP (mgd)	CTP (%)	JBL (mgd)	JBL (%)	Total (mgd)
CLB	1.425	55.80%			1.425
EBSD	0.049	1.93%			0.049
SCWD	1.080	42.27%	2.811	33.77%	3.891
SMWD			5.514	66.23%	5.514
Total	2.554	100.00%	8.325	100.00%	10.879

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

Agency	SJCOO (mgd)	SJCOO (%)	ACOO (mgd)	ACOO (%)	Total (mgd)	Notes
CLB			1.43	20.89%	1.43	
EBSD			0.05	0.72%	0.05	
SCWD	3.18	27.30%	0.91	13.36%	4.09	Includes MNWD
ETWD			4.44	65.03%	4.44	Includes IRWD and MNWD
SMWD	5.80	49.84%			5.80	Includes CSJC
CSC	2.66	22.86%			2.66	
Total	11.65	100.00%	6.82	100.00%	18.47	

# SOCWA Operational Report June 2025 (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 (%)
SCWD	6.75	51.92%	2.998	39.11%	2.811	33.77%	2.98	35.11%
SMWD	6.25	48.08%	4.667	60.89%	5.514	66.23%	5.51	64.89%
Total	13.00	100.00%	7.665	100.00%	8.325	100.00%	8.48	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. (%)
SCWD	16,055	41.62%	10,876	35.92%	8,408	27.48%	7,945	34.89%
SMWD	22,518	58.38%	19,402	64.08%	22,186	72.52%	14,826	65.11%
Total	38,573	100.00%	30,278	100.00%	30,594	100.00%	22,770	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	16.62%	13.296	16.62%	2.663	22.86%	2.702	21.34%
SCWD(3)	18.83%	15.064	18.83%	3.179	27.30%	3.821	30.19%
SMWD(4)	64.55%	51.640	64.55%	5.804	49.84%	6.135	48.47%
Total	100.00%	80.000	100.00%	11.646	100.00%	12.658	100.00%

(1) Influent billing meter summary:

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

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

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

(4) All monthly flow data from CSJC is reported as part of SMWD's flow to the ocean outfall.

# SOCWA Operational Report June 2025 (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	3.64	54.33%	1.430	53.56%	1.425	55.80%	1.479	56.85%
EBSD	0.20	2.99%	0.060	2.25%	0.049	1.93%	0.058	2.25%
SCWD	2.86	42.69%	1.180	44.19%	1.080	42.27%	1.064	40.90%
Total	6.70	100.00%	2.670	100.00%	2.554	100.00%	2.601	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%	1.425	20.89%	1.479	15.31%
EBSD	0.78%	0.390	0.78%	0.049	0.72%	0.058	0.61%
ETWD	16.30%	8.151	16.30%	1.324	19.41%	2.072	21.45%
MNWD(1)	43.85%	21.924	43.85%	2.146	31.46%	3.134	32.44%
IRWD(1)	15.76%	7.880	15.76%	0.967	14.17%	2.072	21.45%
SCWD	12.31%	6.155	12.31%	0.911	13.36%	0.845	8.75%
Total	100.00%	50.000	100.00%	6.822	100.00%	9.660	100.00%

(1) Permitted flow to the ACOO from IRWD and MNWD who are not member agencies of SOCWA.

## SOCWA Operational Report June 2025 (cont'd)

### *Select Critical Equipment Repairs*

#### JBL - PC2

Troubleshoot failing Raw Sewage Pump #5 at JBL.  
Troubleshoot failing Sludge Feed Pump CFP #2 at JBL.  
Replaced failing Grit Pump #3 at JBL.  
Troubleshoot failing TWAS Lobe Pump #3 at JBL.  
Troubleshoot failing Bar Screen #1 at JBL.  
Troubleshoot failing Miscellaneous at JBL.  
Repaired Aeration Tank Downflow Meter #2/Tank #3 at JBL.  
Troubleshoot failing RAS #6 at JBL.  
Troubleshoot failing DAFT #2 Pressurization Pump at JBL.  
Overhauled Primary Sludge Pump #2 at JBL.  
Troubleshoot failing Primary Scum Skimmer #7 at JBL.  
Troubleshoot failing Decant Pump at JBL.  
Replaced failed Primary Hopper Valves at JBL.  
Troubleshoot failing Primary Sludge Pump #4 at JBL.  
Troubleshoot failing RAS #2 Pump at JBL.  
Troubleshoot failing Grit Washer #2 at JBL.  
Repaired failing Process Water Pump #1 at JBL.  
Replaced failed Primary Sludge Pump #2 at JBL.  
Troubleshoot failing Raw Sewage Pump #7 at JBL.  
Repaired Aeration Tank Downflow Meter #1/Tank #5 at JBL.

#### CTP - PC15

Troubleshoot failing Ferric Chloride Metering Pump #1 at CTP.  
Replaced failed West Nitrate Probe at CTP.  
Troubleshoot failing SCFM flow meter aeration west header at CTP.  
Repaired Plant Air Compressor at CTP.



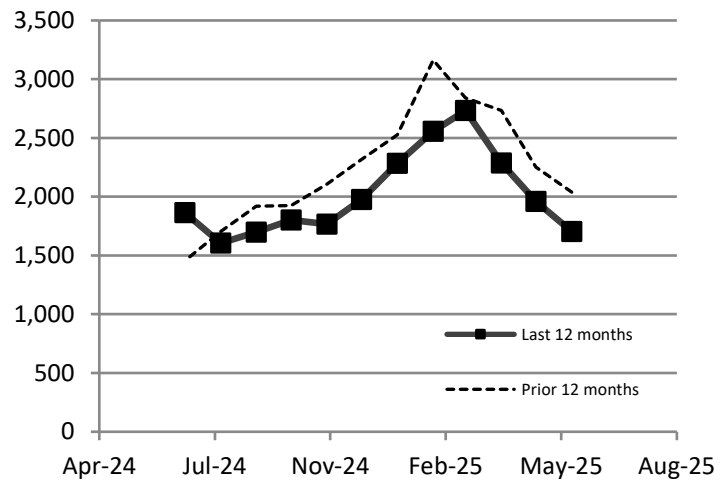
# SOCWA Ocean Outfall Discharges by Agency

## SOCWA Operational Report June 2025 (cont'd)

Agency	SJCOO (mgd)	SJCOO (%)	ACOO (mgd)	ACOO (%)	Total (mgd)
CLB			1.43	20.89%	1.43
EBS			0.05	0.72%	0.05
SCWD	3.18	27.30%	0.91	13.36%	4.09
ETWD			4.44	65.03%	4.44
SMWD					5.80
CSC	2.66	22.86%			2.66
Total	11.65	100.00%	6.82	100.00%	18.47
or Acre-Feet per year equivalent					20,684

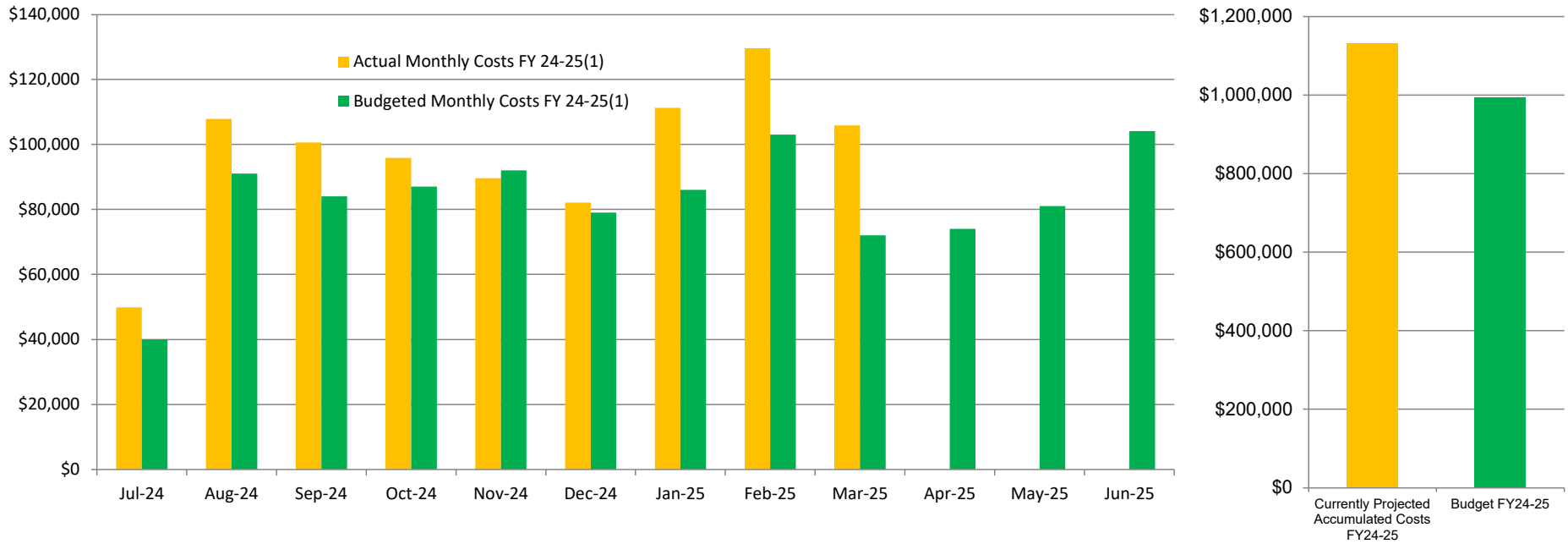
### 12-Month Running Total Discharge to Ocean Outfalls (AF)

Jun-25	1,705
May-25	1,962
Apr-25	2,288
Mar-25	2,734
Feb-25	2,558
Jan-25	2,286
Dec-24	1,976
Nov-24	1,766
Oct-24	1,802
Sep-24	1,698
Aug-24	1,605
Jul-24	1,865
Total	24,243



# Quarterly Report on Key Operational Expenses

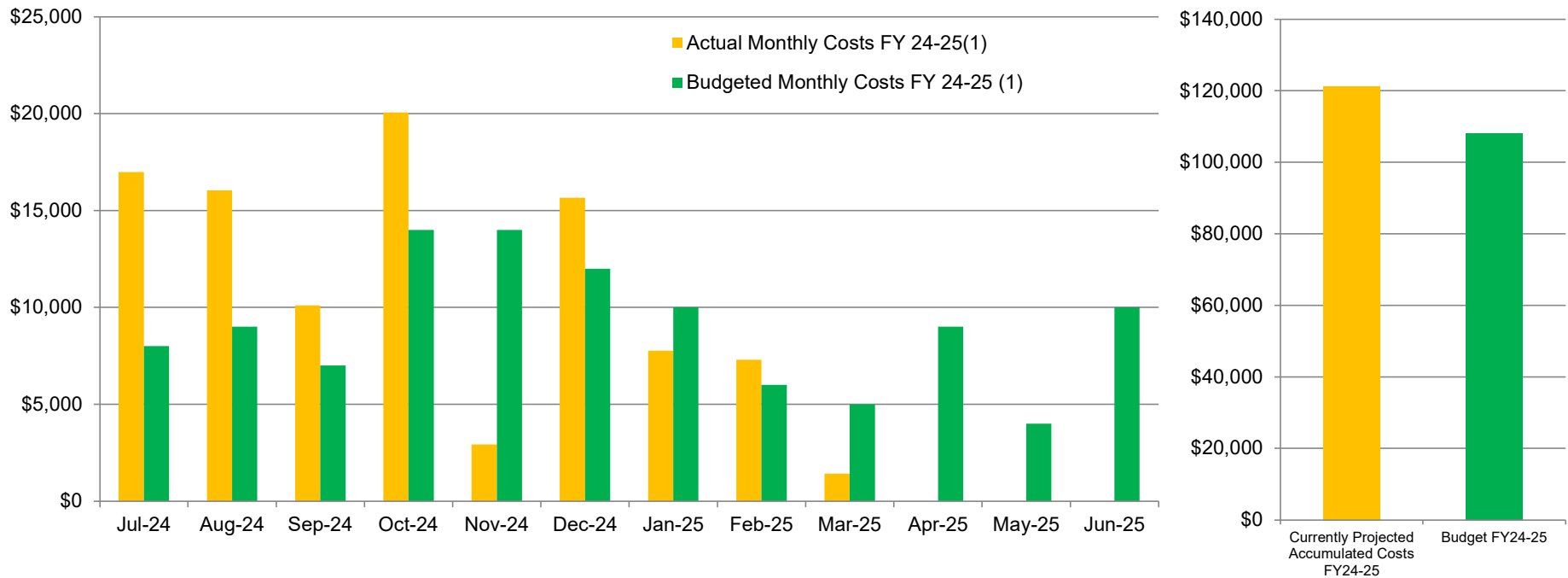
# Electricity (5002) Costs



	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Currently Projected Accumulated Costs FY24-25	\$1,131,594
Actual Monthly Costs FY 24-25(1)	\$49,847	\$107,861	\$100,581	\$95,832	\$89,570	\$82,078	\$111,279	\$129,621	\$105,826				Budget FY24-25	\$993,100
Budgeted Monthly Costs FY 24-25(1)	\$40,000	\$91,000	\$84,000	\$87,000	\$92,000	\$79,000	\$86,000	\$103,000	\$72,000	\$74,000	\$81,000	\$104,100	Currently Projected Under(+)/Over (-) Budget	-\$138,494

(1) Excludes PC17.

# Odor Control (5009) Costs

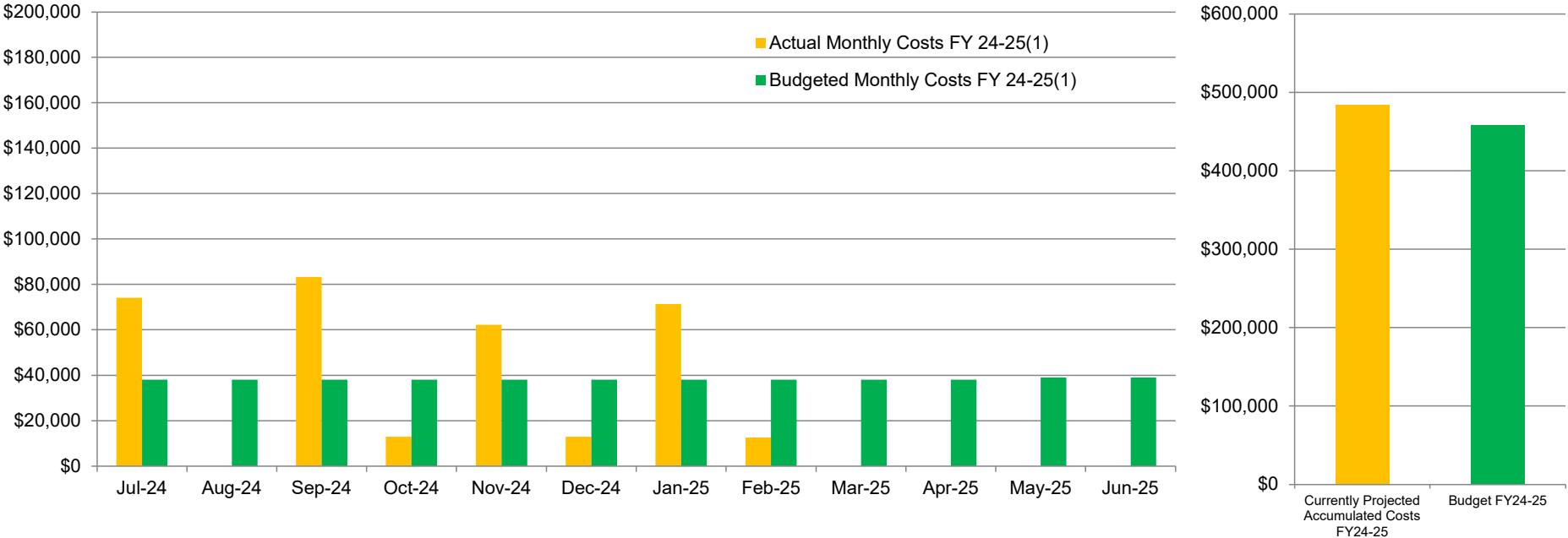


	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Currently Projected Accumulated Costs FY24-25	
Actual Monthly Costs FY 24-25(1)	\$16,981	\$16,034	\$10,098	\$20,057	\$2,925	\$15,659	\$7,768	\$7,294	\$1,420				Budget FY24-25	\$121,237
Budgeted Monthly Costs FY 24-25 (1)	\$8,000	\$9,000	\$7,000	\$14,000	\$14,000	\$12,000	\$10,000	\$6,000	\$5,000	\$9,000	\$4,000	\$10,000	Currently Projected Under(+)/Over (-) Budget	-\$13,237

Note: As discussed is being discussed with the SOCWA Engineering Committee, sewage septicity is increasing odor control costs with lower flows from water conservation.

(1) Excludes PC17.

# Polymer (5007) Costs

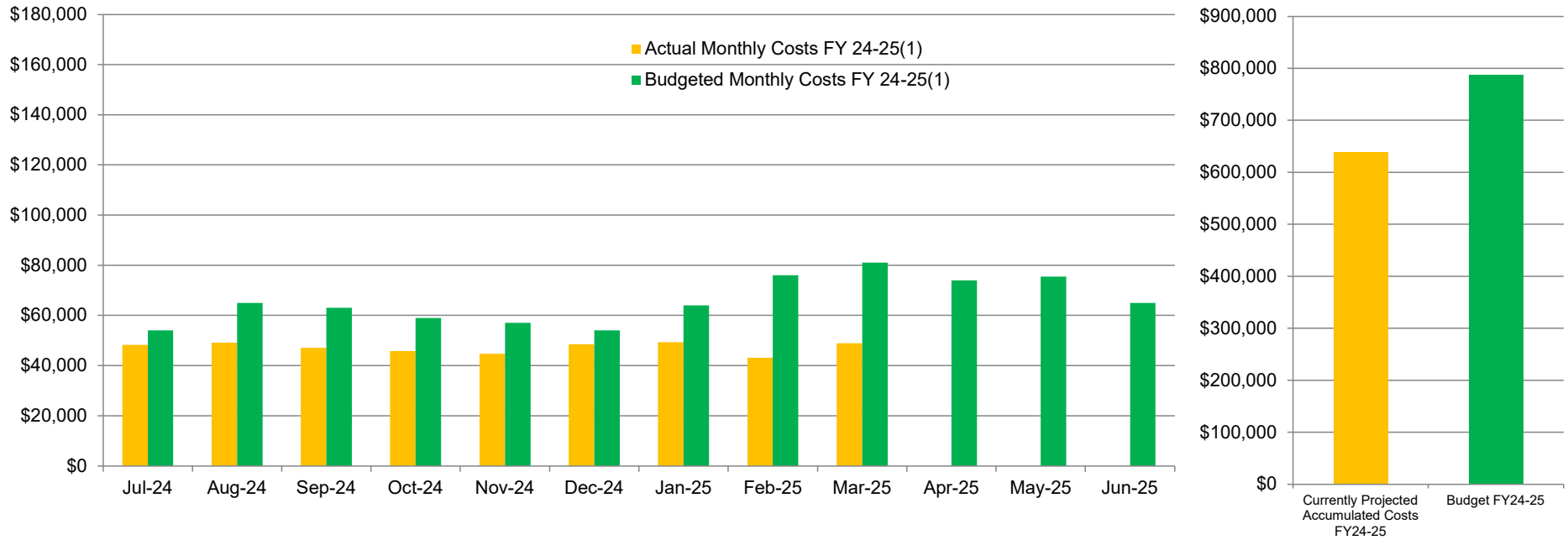


	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Currently Projected Accumulated Costs FY24-25	
Actual Monthly Costs FY 24-25(1)	\$74,146		\$83,279	\$12,931	\$62,147	\$12,973	\$71,403	\$12,629	\$0				Budget FY24-25	\$458,000
Budgeted Monthly Costs FY 24-25(1)	\$38,000	\$38,000	\$38,000	\$38,000	\$38,000	\$38,000	\$38,000	\$38,000	\$38,000	\$38,000	\$39,000	\$39,000	Currently Projected Under(+)/Over (-) Budget	-\$26,507

Note: As discussed is being discussed with the SOCWA Engineering Committee, sewage septicity is increasing solids management costs with lower flows from water conservation.

(1) Excludes PC17.

# Biosolids (5049) Costs

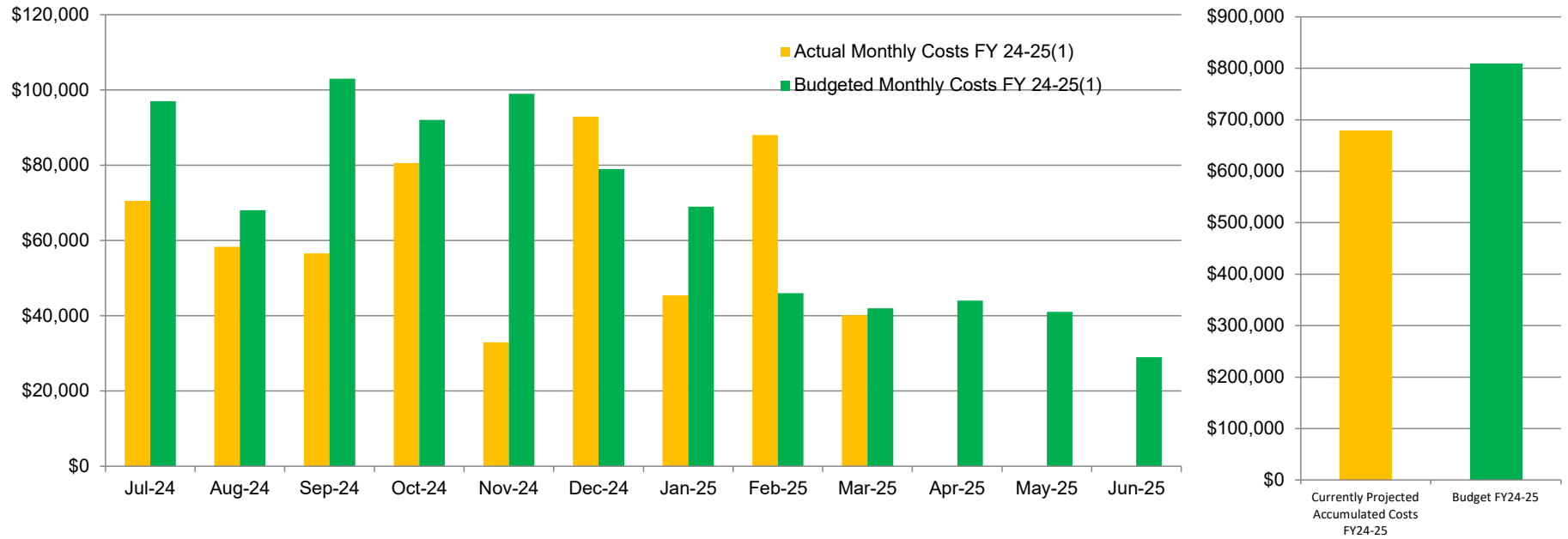


	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Currently Projected Accumulated Costs FY24-25	\$639,330
Actual Monthly Costs FY 24-25(1)	\$48,263	\$49,108	\$47,115	\$45,857	\$44,722	\$48,435	\$49,327	\$43,088	\$48,917				Budget FY24-25	\$787,500
Budgeted Monthly Costs FY 24-25(1)	\$54,000	\$65,000	\$63,000	\$59,000	\$57,000	\$54,000	\$64,000	\$76,000	\$81,000	\$74,000	\$75,500	\$65,000	Currently Projected Under(+)/Over (-) Budget	\$148,170

Note: Biosolids costs have increased due to landfill closures on hotter days in May 2023 at the landfill to help mitigate odor complaints at the landfill.

(1) Excludes PC17.

# Maintenance Repair (5056 to 5060) Costs

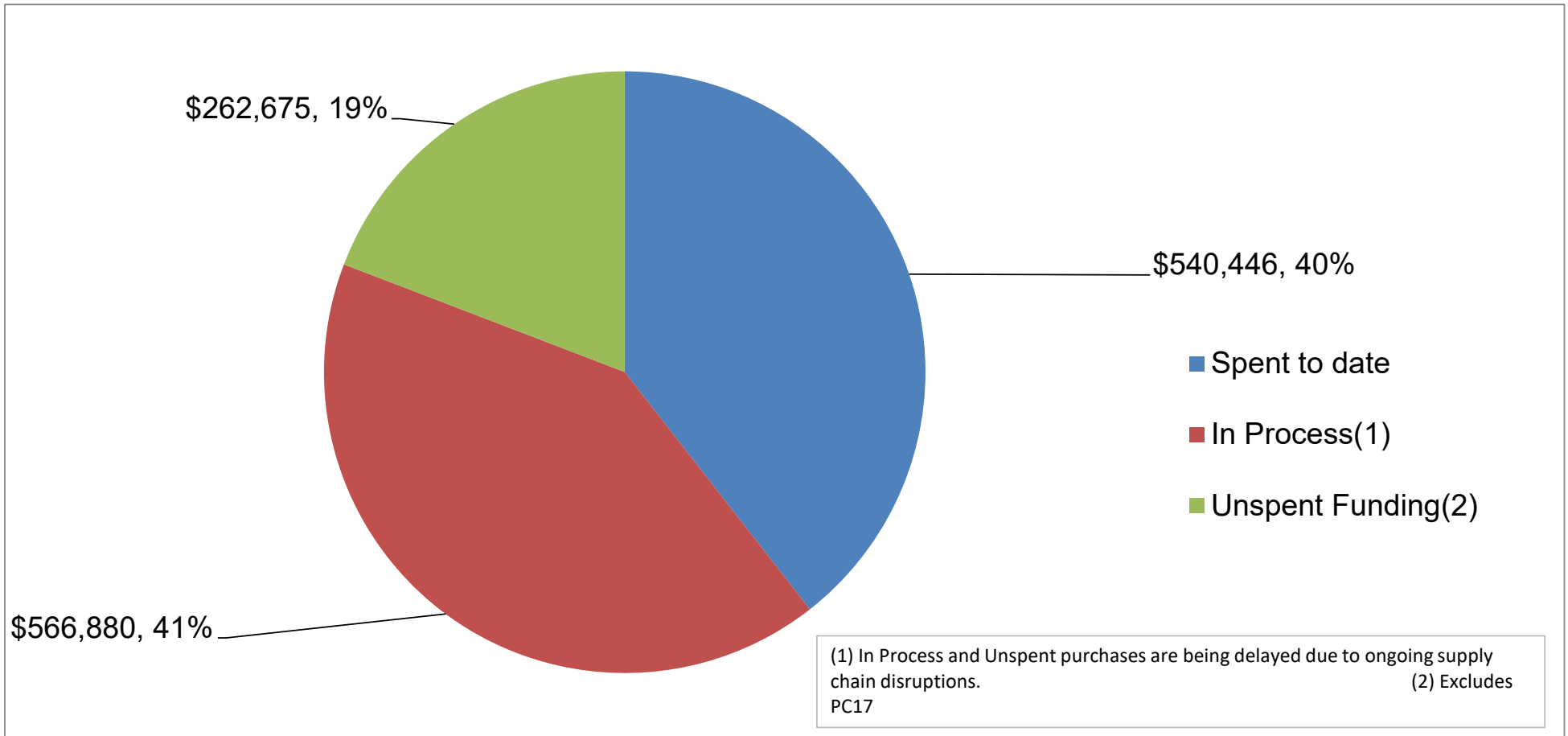


	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Currently Projected Accumulated Costs FY24-25	
Actual Monthly Costs FY 24-25(1)	\$70,510	\$58,326	\$56,540	\$80,568	\$32,906	\$92,910	\$45,389	\$87,989	\$40,146				Budget FY24-25	\$809,000
Budgeted Monthly Costs FY 24-25(1)	\$97,000	\$68,000	\$103,000	\$92,000	\$99,000	\$79,000	\$69,000	\$46,000	\$42,000	\$44,000	\$41,000	\$29,000	Currently Projected Under(+)/Over (-) Budget	\$129,715

(1) Excludes PC17.

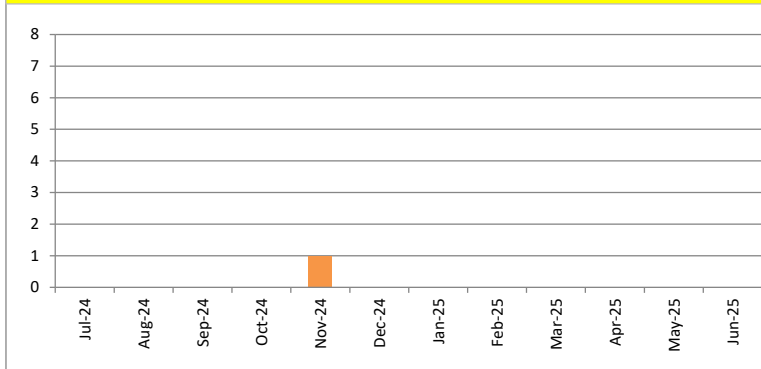


# FY24-25 Small Internal Capital Costs



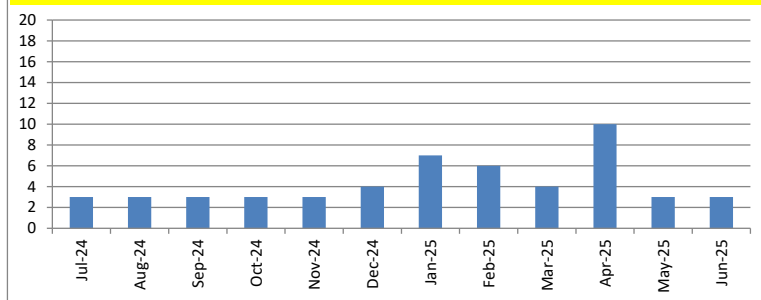
## SOCWA SAFETY UPDATE - JUNE 2025

### OSHA RECORDABLE INJURIES



	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
OSHA RECORDABLE INJURIES	0	0	0	0	1	0	0	0	0	0	0	0

### NEAR MISS REPORTS



	Jul-24	Aug-24	Sep-24	Oct-24	Nov-24	Dec-24	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25
NEAR MISS REPORTS	3	3	3	3	3	4	7	6	4	10	3	3

Updated: 7/8/2025

### SAFETY TRAINING

TRAINING TOPIC	ATTENDANCE
June '25 - Annual HAZWOPER Refresher Training	95%
May '25 - Emergency Tabletop Training, Fire Extinguisher Use Training, Forklift Train the Trainer Training	90%
Apr '25 - Annual Heat Illness Training (Outdoor and Indoor Heat)	95%
Feb '25 - Annual Bloodborne Pathogens Training	95%
Dec '24 - Annual Distracted and Defensive Driving Training with CHP	80%
Nov '24 - Annual Audiometric Hearing Testing / Indoor Heat Illness Training	95%
Oct '24 -Workplace Violence/De-Escalation, Annual Confined Space Entry Rescue, CPR-FA-AED Training	90%
September '24 (and July '24) - Annual Quantitative Respirator Fit Testing	100%
Aug '24 - Annual Confined Space Entry Rescue Refresher Training (second session October '24)	100%
May '24 - Additional Arc Flash Safety Training / Annual Fire Extinguisher Use Training	100%
Sept '23 - Annual Respirator Fit Testing and INITIAL Confined Space Entry Rescue Refresher Training	100%
July '23 - Forklift Refresher Training	100%
May '23 - Emergency Tabletop Training Exercises and Fire Extinguisher Use Training	90% (of all SOCWA Employees)
Mar '23 - Emergency PA System Use Training / Additional ICS Training	90%
Nov '22 - Hearing Testing/Confined Space Entry Rescue Training/Supervisor Safety Training	95%
June '22 - Active Shooter/Workplace Violence Training and SPCCP Spill Training	95% (of all SOCWA Employees)
Oct '21 - Annual Hearing Testing, Wildfire Safety/Smoke Training, Respirator Fit Testing	100%
Sept '21 - Annual BBP Training and Lifting Safety Training (with CSRMA, remotely)	90%
Aug '21 - Confined Space Rescue Refresher and Electrical Safety in the Workplace	100%
Oct/Nov '20 - Forklift Training and Additional ICS Training	95%
Oct '19 - Fall Protection Training, Additional ICS Training, and Spill Training	90%
Sept '19 - Wildland Fire Training and CPR/First Aid/AED Training	90%
Aug '19 - Initial Confined Space Entry Rescue and Additional Active Shooter Training	95%
September '18 - Silica Safety Training / October '18 - Crane Safety	100%
Aug '18 - Fire Awareness Safety for Field Personnel and Lockout/Tagout Training	100% (all SOCWA employees)
Jan '18 - Respiratory PPE Training/Fit Testing and Additional ICS Training	90%
Sept '17 - Active Shooter/Workplace Violence Training	100%
May '17 - Safety Culture Training & July/Aug '17 - Spill Response Training (hands on)	100%
Mar '17 - Fall Protection Training and CPR/First Aid/AED Training	100%
Jan '17 - Lockout/Tagout Training and Confined Space Rescue Practice/Training	100%
Oct '16 - Confined Space Awareness/Entry Rescue Training and Forklift Training	100%
May '16 - Entry Level NIMS/ICS Training at SOCWA and Heat Illness Training	100%
Feb '16 - Biomechanics/Ergonomics Training (CSRMA) and Bloodborne Pathogens Training	100%
Oct '15 and Jan '16 - Initial Confined Space Entry Rescue Training (3-day trainings)	100%
Sept '15 - Pre-Storm Workshop, Arc Flash Training, and Forklift Training	100%
Aug '15 - Fire Prevention for Water Utility Field Staff & Disaster Cost Recovery Training	100%
July '15 - Additional NIMS/ICS Training, Attend Water and Power Resiliency Workshop	Ongoing
June '15 - Initial Confined Space Awareness and Non-Entry Rescue Training	100%

# Beach / Ocean Monitoring Report

# ALISO CREEK OCEAN OUTFALL MONITORING REPORT

June 2025

DATE	IRWD LOS ALISOS WRP				EL TORO WRP				SOCWA REGIONAL PLANT				SOCWA COASTAL PLANT				IRWD IDP	IRWD SGU	SCWD ACWRF	ACOO	Rain
	FLOW	TSS	cBOD	SS	FLOW	TSS	cBOD	SS	FLOW	TSS	cBOD	SS	FLOW	TSS	cBOD	SS	FLOW	FLOW	FLOW	FLOW	Fall
	MGD	mg/L	mg/L	ml/L	MGD	mg/L	mg/L	ml/L	MGD	mg/L	mg/L	ml/L	MGD	mg/L	mg/L	ml/L	MGD	MGD	MGD	MGD	inches
06/01/25	No Flow				1.553	12.1	6.6	0.1	2.390	4.9	4.0	<0.1	2.542	9.0	6.0	<0.1	0.444	0.498	0.112	7.539	0.00
06/02/25	No Flow				1.515	9.8		0.1	2.26	6.0	4.0	<0.1	2.425	7.5	6.0	<0.1	0.444	0.496	0.086	7.226	0.00
06/03/25	No Flow				2.023	15.8	4.8	0.1	1.190	7.4	4.0	0.3	2.240	7.9	6.0	<0.1	0.444	0.493	0.105	6.495	0.08
06/04/25	No Flow				2.402	10.5	6.0	0.1	1.620	6.4	4.0	<0.1	2.581	7.0	6.0	<0.1	0.444	0.492	0.133	7.672	0.01
06/05/25	No Flow				2.364	13.0	5.0	0.1	3.480	5.5	4.0	<0.1	1.926	6.5	5.0	0.1	0.444	0.505	0.137	8.856	0.00
06/06/25	No Flow				2.414	13.2	4.7	0.1	4.600	7.0	5.0	<0.1	2.135	8.2	5.0	0.1	0.443	0.492	0.137	10.221	0.00
06/07/25	No Flow				2.623	10.0	4.0	0.1	2.050	7.8	4.0		2.250	4.6	4.0		0.444	0.483	0.132	7.982	0.00
06/08/25	No Flow				2.939	7.4	3.4	0.1	3.100	4.5	4.0	<0.1	2.392	1.9	3.0	<0.1	0.444	0.482	0.124	9.481	0.00
06/09/25	No Flow				2.038	9.3		0.1	4.760	5.1	4.0	<0.1	2.390	8.4	7.0	<0.1	0.444	0.481	0.145	10.258	0.00
06/10/25	No Flow				1.318	14.0	5.3	0.1	1.580	6.8	4.0	<0.1	2.281	7.3	6.0	<0.1	0.444	0.484	0.123	6.230	0.00
06/11/25	No Flow				0.751	9.8	5.0	<0.1	2.050	5.4	4.0	<0.1	2.162	6.7	6.0	<0.1	0.443	0.484	0.134	6.024	0.00
06/12/25	No Flow				0.783	11.8	4.6	<0.1	2.160	5.6	5.0	<0.1	1.862	7.1	6.0	<0.1	0.444	0.503	0.155	5.907	0.00
06/13/25	No Flow				0.999	10.7	5.5	<0.1	1.780	4.5	3.0	<0.1	2.284	6.1	5.0	<0.1	0.444	0.550	0.100	6.157	0.00
06/14/25	No Flow				1.276	12.0	5.0	0.1	1.680	7.2	4.0		2.355	4.7	4.0		0.444	0.569	0.177	6.501	0.00
06/15/25	No Flow				1.928	7.0	5.0	<0.1	3.680	7.1	5.0	<0.1	2.430	2.3	3.0	<0.1	0.444	0.566	0.100	9.148	0.00
06/16/25	No Flow				1.417	9.0		<0.1	2.570	4.4	4.0	<0.1	2.652	1.3	3.0	<0.1	0.444	0.559	0.137	7.779	0.00
06/17/25	No Flow				1.195	9.8	5.4	0.1	1.550	7.1	6.0	<0.1	2.229	12.0	8.0	<0.1	0.444	0.540	0.141	6.099	0.00
06/18/25	No Flow				0.349	9.0	5.0	0.1	1.200	7.6	5.0	<0.1	2.001	6.3	4.0	<0.1	0.444	0.538	0.122	4.654	0.00
06/19/25	No Flow				0.496	13.5	6.9	<0.1	0.960	6.6	4.0	0.1	2.024	3.5	3.0	0.1	0.444	0.563	0.129	4.616	0.00
06/20/25	No Flow				1.013	18.0	7.1	0.1	1.040	5.4	4.0	0.1	2.286	7.2	5.0	<0.1	0.445	0.574	0.138	5.496	0.00
06/21/25	No Flow				0.686	15.8	5.7	0.1	1.380	7.0	3.0		2.152	4.4	4.0		0.444	0.570	0.145	5.377	0.00
06/22/25	No Flow				0.668	8.3	4.4	<0.1	2.880	4.6	4.0	<0.1	2.490	3.0	6.0	<0.1	0.444	0.559	0.109	7.150	0.00
06/23/25	No Flow				0.990	11.0		0.1	1.430	2.3	4.0	<0.1	2.516	6.8	5.0	<0.1	0.444	0.549	0.135	6.064	0.00
06/24/25	No Flow				0.802	14.8	5.2	0.1	0.990	10.4	6.0	<0.1	1.939	8.9	7.0	<0.1	0.444	0.526	0.132	4.833	0.00
06/25/25	No Flow				0.540	9.3	4.0	0.1	1.310	6.3	4.0	<0.1	1.838	5.6	5.0	<0.1	0.444	0.491	0.135	4.758	0.00
06/26/25	No Flow				1.026	12.8	4.7	<0.1	1.320	5.8	5.0	<0.1	2.156	6.9	7.0	<0.1	0.444	0.478	0.138	5.562	0.00
06/27/25	No Flow				0.787	8.4	3.5	0.1	1.390	6.9	5.0	0.2	2.165	3.5	5.0	<0.1	0.440	0.520	0.134	5.436	0.00
06/28/25	No Flow				1.167	8.4	5.0	0.1	2.420	8.2	4.0		1.912	8.2	5.0		0.444	0.547	0.133	6.623	0.00
06/29/25	No Flow				0.763	6.2	6.0	0.1	3.140	8.8	20.0	0.1	2.524	2.3	4.0	0.1	0.444	0.545	0.124	7.540	0.00
06/30/25	No Flow				0.896	7.3		0.1	2.420	13.5	9.0	0.2	2.539	13.1	7.0	<0.1	0.444	0.545	0.137	6.981	0.00
AVG	No Flow				1.324	10.9	5.1	<0.1	2.146	6.5	5.0	<0.1	2.256	6.3	5.2	<0.1	0.444	0.523	0.130	6.822	
TOTAL	No Flow				39.72				64.38				67.68				13.32	15.68	3.889	204.67	0.09

Unified Beach Monitoring

#1

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: June 2025  
 REPORT DUE: August 1 2025  
 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 6:22

Weather: Drizzle

COMMENTS: HT 0622 3.2 ft. Pelican washed up at S4

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage				Water	H2O	Water	Water	Birds
			Coliform	Coliform	coccus	Origin		Oil &	Odor					
			CFU/100ml	CFU/100ml	CFU/100ml	Onshore	Offshore	Grease						
			SM9222B	SM9222D	EPA 1600					Color	Temp(F)	Condition	Outlet	
S3	06/05/25	7:59	<10	<10	<2	None	None	None	None	Blue		Clear	Flowing	1
S4	06/05/25	7:45	10	<10	4	None	None	None	None	Blue		Clear		
S5	06/05/25	6:50	<10	10	4	None	None	None	None	Blue		Clear		
S6	06/05/25	7:28	1400	450	10	None	None	None	None	Blue		Clear		
WEST	06/05/25	7:27	2200	1000	10	None	None	None	None	Blue		Clear		
S7	06/05/25	7:20	1100	670	28	None	None	None	None	Blue		Clear		
S8	06/05/25	6:29	1400	270	10	None	None	None	None	Blue		Clear		
S9	06/05/25	6:26	1200	360	10	None	None	None	None	Blue		Clear		
ACM1	06/05/25	6:22	>=7800	630	130	None	None	None	None	Blue		Clear		
S10	06/05/25	6:05	4500	910	56	None	None	None	None	Blue		Clear		
S11	06/05/25	6:02	2300	830	36	None	None	None	None	Blue		Clear		
S12	06/05/25	5:56	1200	300	10	None	None	None	None	Blue	62	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: June 2025  
 REPORT DUE: August 1, 2025  
 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 10:04

Weather: Overcast

COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage				Water	H2O	Water	Water	Birds
			Coliform	Coliform	coccus	Origin		Oil &						
			CFU/100ml	CFU/100ml	CFU/100ml	Onshore	Offshore	Grease	Odor					
			SM9222B	SM9222D	EPA 1600									
S3	06/10/25	9:59	<10	<10	4	None	None	None	None	Green	63	Slightly Turbid		
S4	06/10/25	9:44	10	<10	2	None	None	None	None	Green		Slightly Turbid		
S5	06/10/25	9:39	<10	<10	2	None	None	None	None	Green		Slightly Turbid		
S6	06/10/25	9:27	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
WEST	06/10/25	9:22	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S7	06/10/25	9:16	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S8	06/10/25	8:58	10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S9	06/10/25	8:55	<10	<10	2	None	None	None	None	Green		Slightly Turbid		
ACM1	06/10/25	8:49	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S10	06/10/25	8:33	30	20	2	None	None	None	None	Green		Slightly Turbid		
S11	06/10/25	8:29	<10	<10	<2	None	None	None	None	Green		Slightly Turbid		
S12	06/10/25	8:21	20	<10	20	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 100m

## South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: June 2025  
 REPORT DUE: August 1, 2025  
 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 14:45

Weather: Clear

COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-										
			Coliform	Coliform	coccus	Material of Sewage						Water	H2O	Water	Water
			CFU/100ml	CFU/100ml	CFU/100ml	Origin	Oil &	Odor	Color	Temp(F)	Condition				
SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease										
S3	06/16/25	13:49	<10	<10	<2	None	None	None	None	Blue	71	Clear	Flowing		
S4	06/16/25	15:21	<10	<10	<2	None	None	None	None	Blue		Clear			
S5	06/16/25	14:59	<10	<10	<2	None	None	None	None	Blue		Clear			
S6	06/16/25	15:09	<10	<10	<2	None	None	None	None	Blue		Clear			
WEST	06/16/25	15:06	<10	<10	<2	None	None	None	None	Blue		Clear			
S7	06/16/25	15:01	<10	<10	<2	None	None	None	None	Blue		Clear			
S8	06/16/25	14:51	<10	<10	2	None	None	None	None	Blue		Clear			
S9	06/16/25	14:47	<10	<10	2	None	None	None	None	Blue		Clear			
ACM1	06/16/25	14:45	<10	<10	2	None	None	None	None	Blue		Clear			
S10	06/16/25	14:42	40	40	2	None	None	None	None	Blue		Clear			
S11	06/16/25	14:20	<10	<10	<2	None	None	None	None	Blue		Clear			
S12	06/16/25	14:14	<10	<10	<2	None	None	None	None	Blue		Clear			

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

Unified Beach Monitoring

#4

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: June 2025  
 REPORT DUE: August 1, 2025  
 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 08:50

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	Coliform	coccus	Origin								
			CFU/100ml	CFU/100ml	CFU/100ml	Onshore	Offshore							
			SM9222B	SM9222D	EPA 1600									
S3	06/23/25	08:05	<10	<10	<2	None	None	None	None	Green	59	Clear		
S4	06/23/25	11:00	10	<10	<2	None	None	None	None	Green		Clear		
S5	06/23/25	10:50	<10	<10	<2	None	None	None	None	Green		Clear		
S6	06/23/25	10:30	<10	100	<2	None	None	None	None	Green		Clear		
WEST	06/23/25	10:25	<10	<10	2	None	None	None	None	Green		Clear		
S7	06/23/25	10:20	<10	<10	<2	None	None	None	None	Green		Clear		
S8	06/23/25	10:10	<10	<10	2	None	None	None	None	Blue		Clear		
S9	06/23/25	09:35	<10	<10	<2	None	None	None	None	Green		Clear		
ACM1	06/23/25	09:30	<10	<10	<2	None	None	None	None	Green		Clear		
S10	06/23/25	09:00	10	<10	<2	None	None	None	None	Green		Clear		
S11	06/23/25	08:55	10	<10	<2	None	None	None	None	Green		Clear		
S12	06/23/25	08:50	<10	10	<2	None	None	None	None	Green		Clear		

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



Unified Beach Monitoring

#5

South Orange County Wastewater Authority-Aliso Creek Ocean Outfall

REPORT FOR: June 2025  
 REPORT DUE: August 1, 2025  
 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 14:44

Weather: Clear

COMMENTS:

STA#	DATE	TIME	Total	Fecal	Entero-	Material of Sewage		Oil & Grease	Odor	Water Color	H2O Temp(F)	Water Condition	Water Outlet	Birds
			Coliform	Coliform	coccus	Origin								
			CFU/100ml	CFU/100ml	CFU/100ml	Onshore	Offshore							
			SM9222B	SM9222D	EPA 1600									
S3	06/30/25	12:58	<10	<10	<3	None	None	None	None	Blue	66	Clear		
S4	06/30/25	13:57	10	100	8	None	None	None	None	Green		Clear		
S5	06/30/25	14:53	<10	<10	<2	None	None	None	None	Blue		Clear		
S6	06/30/25	13:52	<10	20	<2	None	None	None	None	Blue		Clear		
WEST	06/30/25	13:48	<10	<10	<2	None	None	None	None	Blue		Clear		
S7	06/30/25	13:43	<10	10	<2	None	None	None	None	Blue		Clear		
S8	06/30/25	14:50	<10	<10	<2	None	None	None	None	Green		Clear		
S9	06/30/25	14:46	<10	<10	10	None	None	None	None	Green		Clear		
ACM1	06/30/25	14:44	<10	<10	2	None	None	None	None	Green		Clear		
S10	06/30/25	14:31	<10	<10	<2	None	None	None	None	Blue		Clear		
S11	06/30/25	13:31	<10	<10	2	None	None	None	None	Blue		Clear		
S12	06/30/25	13:26	<10	<10	<2	None	None	None	None	Blue		Clear		

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

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



## **Aliso Creek Ocean Outfall**

### **Unified Beach Water Quality Monitoring Stations**

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

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

## MONITORING REPORT

## Off Shore Stations

South Orange County Wastewater Authority

DISCHARGE: Aliso Creek Ocean Outfall

Report For: June 2025

Report Frequency: Monthly

Report Due: August 1, 2025

Sample Source: Receiving water, nearshore and offshore

Sampling Frequency: Monthly

Exact Sample Points: As specified in permit

Type of Sample: Grab

Samples Collected By: Seaventures/SOCWA staff

Samples Analyzed By: SOCWA Lab

Comments:

Low Tide 08:24

Sta No.	Sample Depth	Sample Date	Total Coliform CFU/100ml SM9222B	Fecal Coliform CFU/100ml SM9222D	Enterococcus CFU/100ml EPA 1600	Sample Time	Oil & Grease	Sewage Debris	0 - None 1 - Mild 2 - Moderate 3 - Severe
A-1	Surface	06/17/25	<2	<2	2	07:56	0	0	
A-1	Mid depth	06/17/25	<10	<10	<10				
A-2	Surface	06/17/25	<2	<2	2	07:53	0	0	
A-2	Mid depth	06/17/25	<10	<10	<10				
A-3	Surface	06/17/25	<2	<2	<2	08:08	0	0	
A-3	Mid depth	06/17/25	<10	<10	<10				
A-4	Surface	06/17/25	<2	<2	<2	08:16	0	0	
A-4	Mid depth	06/17/25	<10	<10	<10				
A-5	Surface	06/17/25	<2	<2	<2	08:01	0	0	
A-5	Mid depth	06/17/25	<10	<10	<10				
B-1	Surface	06/17/25	<2	<2	2	07:44	0	0	
B-1	Mid depth	06/17/25	<10	<10	<10				
B-2	Surface	06/17/25	<2	<2	<2	08:22	0	0	
B-2	Mid depth	06/17/25	<10	<10	<10				
N1	Surface	06/17/25	<2	<2	<2	08:41	0	0	
N2	Surface	06/17/25	<2	<2	<2	08:40	0	0	
N3	Surface	06/17/25	<2	<2	<2	08:38	0	0	
N4	Surface	06/17/25	<2	<2	2	08:36	0	0	
N5	Surface	06/17/25	<2	<2	<2	08:34	0	0	
N6	Surface	06/17/25	<2	<2	<2	08:33	0	0	
N7	Surface	06/17/25	<2	2	2	08:32	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.

Receiving Water Limitations: (1) 30-Day geometric mean of fecal coliform density not to exceed 200 CFU/100 mL

calculated based on the five most recent samples from each site (2) single sample max not to exceed 400 CFU/100 mL

(3) Enterococcus 6-week rolling geometric mean not to exceed 30 CFU/100 mL, calculated weekly. (4) Statistical threshold value (STV)

of 110 CFU/100 mL for enterococcus not to be exceeded by more than 10% of samples collected in a calendar month, calculated in a static manner

**Compliance Summary Report**  
**Aliso Creek Ocean Outfall June 2025**

ACOO Permit Order No. R9-2022-0006							
Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Potential Fine
There were no water quality violations during this reporting period.							



**SOCWA and MEMBER AGENCY FACILITIES**  
**ACOO Spill / Overflow Report Log - June 2025 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

June 2025

DATE	J.B. LATHAM FACILITY				SAN CLEMENTE WRP				SMWD CHIQUITA WRP				3-A PLANT				CSJC Desalter	SCWD Desalter	SJCOO	Rain Fall
	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	TSS mg/L	cBOD mg/L	SS ml/L	FLOW MGD	FLOW MGD	FLOW MGD	inches
06/01/25	7.940	6.9	6.0	<0.1	2.640		10.0		0.003	1.5	4.6	<0.1	0.697				0.000	0.174	11.560	0.00
06/02/25	8.170	8.2	6.7	<0.1	3.010	10.2	12.0	<0.1	0.004	3.2	4.0	<0.1	0.648	4.4	4.9	<0.1	0.000	0.174	11.730	0.00
06/03/25	8.160	9.1	5.3	0.2	2.780	10.8	9.0	<0.1	0.000				0.417	4.8	4.1	<0.1	0.000	0.171	12.240	0.08
06/04/25	8.300	5.3	4.3	<0.1	2.530	11.6	10.0	<0.1	0.022	4.3	4.3	<0.1	0.049	5.2	5.8	<0.1	0.000	0.174	11.840	0.01
06/05/25	8.160	9.2	7.7	0.1	2.570	11.2	10.0	<0.1	0.000				0.568	6.6	6.2	<0.1	0.000	0.173	10.970	0.00
06/06/25	8.040	7.5	6.7	<0.1	3.120	6.6	7.0	<0.1	0.000				0.262	6.4	5.8	<0.1	0.000	0.171	11.810	0.00
06/07/25	8.100	8.4	7.4		2.870				0.000				0.015				0.000	0.173	11.500	0.00
06/08/25	8.250	10.5	7.7	<0.1	2.700		9.0		0.000				1.580				0.000	0.173	11.400	0.00
06/09/25	8.180	8.5	7.0	<0.1	2.620	15.2	13.0	0.1	0.000				0.075	5.2	4.4	<0.1	0.000	0.171	12.830	0.00
06/10/25	8.290	7.6	6.7	<0.1	2.310	15.6	14.0	0.1	0.000				0.020	8.6	6.3	<0.1	0.000	0.174	11.870	0.00
06/11/25	7.940	8.1	7.7	<0.1	2.460	15.9	9.0	0.1	0.009	1.5	4.2	<0.1	0.029	6.0	5.1	<0.1	0.000	0.174	10.990	0.00
06/12/25	7.960	5.7	6.3	<0.1	2.640	8.4	9.0	<0.1	0.000				0.012	8.0	6.8	<0.1	0.000	0.173	11.200	0.00
06/13/25	8.230	8.8	7.0	<0.1	2.680	8.0	9.0	<0.1	0.000				0.019	3.2	4.1	<0.1	0.000	0.171	11.270	0.00
06/14/25	8.290	8.3	6.7		2.490				0.000				0.801				0.320	0.173	11.870	0.00
06/15/25	8.330	10.6	5.4	<0.1	2.710		11.0		0.000				0.397				0.530	0.175	12.840	0.00
06/16/25	8.320	11.7	9.0	<0.1	2.660	15.0	14.0	0.1	0.000				0.032	6.2	5.7	<0.1	0.530	0.171	12.500	0.00
06/17/25	8.360	10.0	9.0	<0.1	2.830		15.0	0.6	0.000				0.007	4.4	5.1	<0.1	0.530	0.174	12.320	0.00
06/18/25	8.280	9.6	7.6	<0.1	2.820	17.6	8.0	0.4	0.009	4.0	3.8	<0.1	0.019	2.2	3.9	<0.1	0.530	0.170	12.500	0.00
06/19/25	8.150	9.1	7.7	0.1	2.750	13.5	10.0	<0.1	0.000				0.019	5.4	4.8	<0.1	0.490	0.175	11.870	0.00
06/20/25	8.280	11.1	7.6	0.1	2.710	8.4	8.0	0.1	0.000				0.013	3.4	4.2	<0.1	0.490	0.173	11.900	0.00
06/21/25	8.210	8.9	9.0		2.280				0.000				0.017				0.530	0.171	11.510	0.00
06/22/25	8.240	8.6	7.7	<0.1	2.550		7.0		0.000				0.022				0.530	0.174	11.780	0.00
06/23/25	8.290	11.5	10.4	<0.1	2.560	8.2	8.0	<0.1	0.000				0.008	8.0	7.3	<0.1	0.530	0.169	12.060	0.00
06/24/25	8.420	6.6	7.4	<0.1	2.770	11.5	9.0	<0.1	0.000				0.009	3.4	5.1	<0.1	0.530	0.174	12.560	0.00
06/25/25	8.090	6.3	6.6	<0.1	3.410	11.6	10.0	0.1	0.007	1.7	3.7	<0.1	0.055	6.8	5.9	<0.1	0.480	0.174	12.870	0.00
06/26/25	8.270	5.4	8.6	<0.1	2.560	9.5	6.0	0.1	0.000				0.010	4.6	4.9	<0.1	0.530	0.170	12.310	0.00
06/27/25	8.250	8.4	7.3	<0.1	2.240	8.8	8.0	<0.1	0.000				0.008	5.2	5.2	<0.1	0.530	0.174	11.930	0.00
06/28/25	8.280	11.4	7.0		2.810				0.000				0.008				0.500	0.174	11.870	0.00
06/29/25	8.370	8.6	8.7	<0.1	2.060		10.0		0.000				0.008				0.530	0.171	12.040	0.00
06/30/25	8.280	9.1	9.0	<0.1	2.740	9.9	9.0	<0.1	0.000				0.044	5.0	5.6	<0.1	0.530	0.175	11.910	0.00
AVG	8.214	8.6	7.4	<0.1	2.663	11.4	9.8	<0.1	0.002	2.7	4.1	<0.1	0.196	5.4	5.3	<0.1	0.288	0.173	11.928	
TOTAL	246.430				79.880				0.054				5.868				8.640	5.183	357.850	0.09

Unified Beach Monitoring

#1

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: June 2025  
 REPORT DUE: August 1, 2025  
 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 10:32

Weather: Clear

COMMENTS:

			Total	Fecal	Entero-									
			Coliform	Coliform	coccus	Material of Sewage								
			CFU/100ml	CFU/100ml	CFU/100ml	Origin		Oil &		Water	H2O	Water	Water	
STATION														
#	DATE	TIME	SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Outlet	Birds
S0	06/03/25	9:44	<20	<20	<2	None	None	None	None	Green	62	Slightly Turbid		
S1	06/03/25	9:40	20	<20	<2	None	None	None	None	Green		Slightly Turbid		
S2	06/03/25	8:50	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
DSB5	06/03/25	8:46	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
S3	06/03/25	9:03	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
DSB4	06/03/25	9:06	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
S5	06/03/25	9:37	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
DSB1	06/03/25	9:40	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
SJC1	06/03/25	8:37	<20	<20	<10	None	None	None	None	Green		Slightly Turbid		

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



Unified Beach Monitoring

#2

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: June 2025  
 REPORT DUE: August 1, 2025  
 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 0948

Weather: Overcast

COMMENTS:

STATION #	DATE	TIME	Total Coliform CFU/100ml	Fecal Coliform CFU/100ml	Entero- coccus CFU/100ml	Material of Sewage Origin		Oil & Grease		Water Color		H2O Temp(F)	Water Condition	Water Outlet	Birds
			SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Condition	Outlet	
S0	06/09/25	09:15	<20	<20	<2	None	None	None	None	Green	63		Slightly Turbid		
S1	06/09/25	09:25	20	<20	<2	None	None	None	None	Green			Slightly Turbid		
S2	06/09/25	10:05	<20	20	2	None	None	None	None	Green	63		Slightly Turbid		
DSB5	06/09/25	10:20	420	470	44	None	None	None	None	Green			Slightly Turbid		
S3	06/09/25	09:30	<20	<20	4	None	None	None	None	Green			Slightly Turbid		
DSB4	06/09/25	09:30	<20	<20	<2	None	None	None	None	Green			Slightly Turbid		
S5	06/09/25	09:45	<20	<20	2	None	None	None	None	Green			Slightly Turbid		
DSB1	06/09/25	09:50	<20	<20	<2	None	None	None	None	Green			Slightly Turbid		
SJC1	06/09/25	09:17	10	20	<2	None	None	None	None	Green			Slightly Turbid		

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

Unified Beach Monitoring

#3

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: June 2025  
 REPORT DUE: August 1, 2025  
 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 8:23

Weather: Overcast

COMMENTS:

			Total	Fecal	Entero-									
			Coliform	Coliform	coccus	Material of Sewage								
			CFU/100ml	CFU/100ml	CFU/100ml	Origin		Oil &		Water	H2O	Water	Water	
STATION														
#	DATE	TIME	SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Outlet	Birds
S0	06/17/25	7:49	20	<20	<2	None	None	None	None	Green	67	Slightly Turbid		
S1	06/17/25	8:17	3700	3800	6	None	None	None	None	Green		Slightly Turbid		
S2	06/17/25	7:43	<20	60	<2	None	None	None	None	Green		Slightly Turbid		
DSB5	06/17/25	8:44	100	200	20	None	None	None	None	Green		Clear		
S3	06/17/25	8:18	480	500	8	None	None	None	None	Green		Slightly Turbid		
DSB4	06/17/25	8:19	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
S5	06/17/25	8:23	1400	1100	<2	None	None	None	None	Green		Slightly Turbid		
DSB1	06/17/25	8:27	<20	<20	<2	None	None	None	None	Brown		Slightly Turbid		
SJC1	06/17/25	7:38	<20	20	<10	None	None	None	None	Green		Slightly Turbid		

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

Unified Beach Monitoring

#4

South Orange County Wastewater Authority-San Juan Creek Ocean Outfall

REPORT FOR: June 2025  
 REPORT DUE: August 1, 2025  
 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

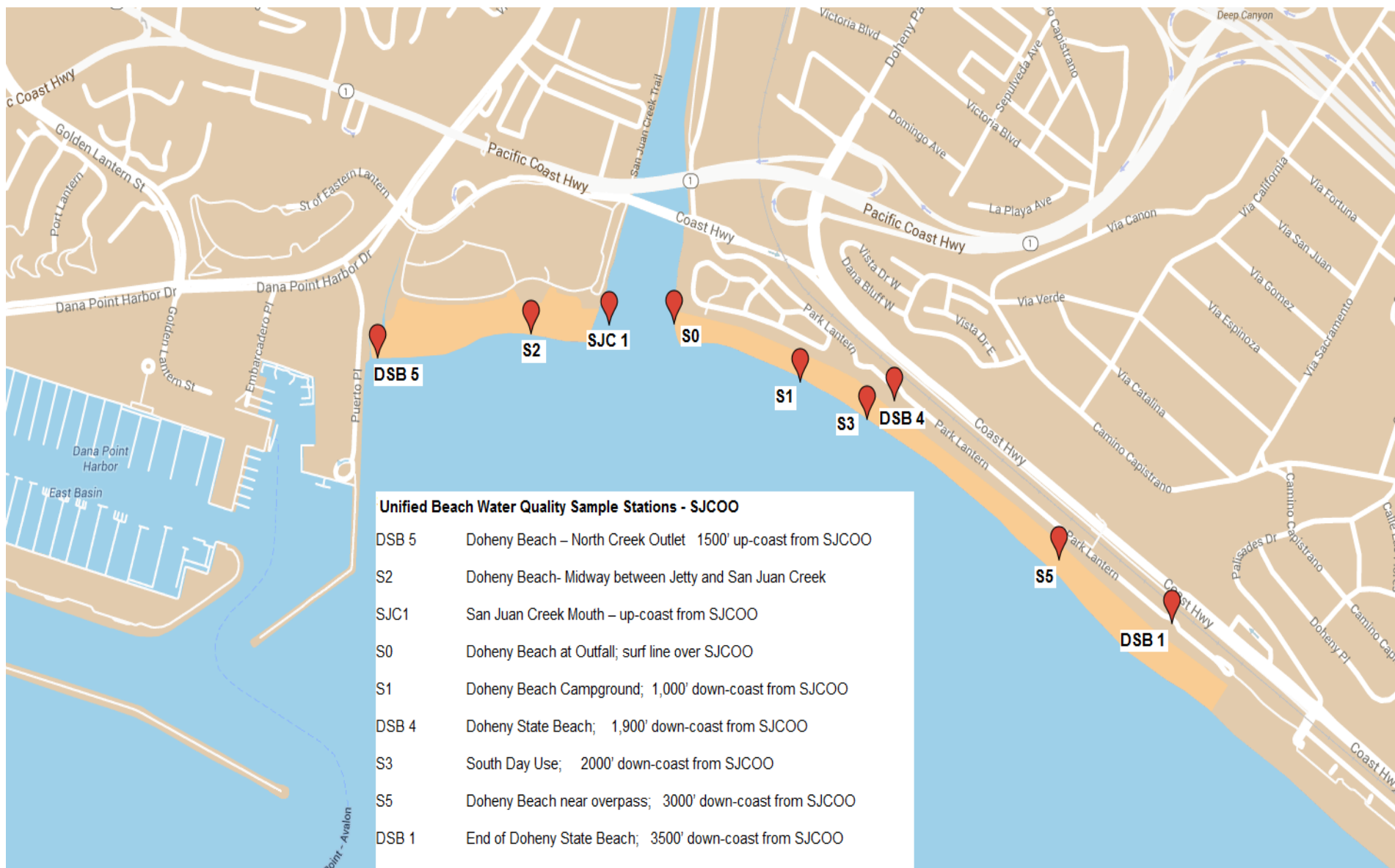
Tidal Condition: High Tide 10:00

Weather: Overcast

COMMENTS:

			Total	Fecal	Entero-									
			Coliform	Coliform	coccus	Material of Sewage								
			CFU/100ml	CFU/100ml	CFU/100ml	Origin		Oil &		Water	H2O	Water	Water	
STATION														
#	DATE	TIME	SM9222B	SM9222D	EPA 1600	Onshore	Offshore	Grease	Odor	Color	Temp(F)	Condition	Outlet	Birds
S0	06/24/25	9:19	<20	<20	<2	None	None	None	None	Green	69	Slightly Turbid		
S1	06/24/25	9:22	<100	<20	6	None	None	None	None	Green		Slightly Turbid		
S2	06/24/25	9:02	<20	20	2	None	None	None	None	Green		Slightly Turbid		
DSB5	06/24/25	8:57	<100	<20	24	None	None	None	None	Green		Slightly Turbid		
S3	06/24/25	9:34	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
DSB4	06/24/25	9:38	<20	<20	2	None	None	None	None	Green		Slightly Turbid		
S5	06/24/25	9:43	<20	<20	2	None	None	None	None	Green		Slightly Turbid		
DSB1	06/24/25	9:47	<20	<20	<2	None	None	None	None	Green		Slightly Turbid		
SJC1	06/24/25	9:15	<100	<100	<10	None	None	None	None	Green		Slightly Turbid		

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



## **San Juan Creek Ocean Outfall**

### **Unified Beach Water Quality Monitoring Stations**

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

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

## MONITORING REPORT

Offshore

South Orange County Wastewater Authority

DISCHARGE: San Juan Creek Ocean Outfall

Report For: June 2025

Report Frequency: Monthly

Report Due: August 1, 2025

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

Low Tide 08:24

Samples Analyzed By: SOCWA Lab

Comments:

Station No.	Sample Depth	Sample Date	Total Coliform CFU/100ml SM9222B	Fecal Coliform CFU/100ml SM9222D	Enterococcus CFU/100ml EPA 1600	Sample Time	Oil & Grease	Sewage Debris	0 - None 1 - Mild 2 - Moderate 3 - Severe
A-1	Surface	06/17/25	<2	<2	<2	09:45	0	0	
A-1	Mid depth	06/17/25	<10	<10	<10				
A-2	Surface	06/17/25	<2	<2	<2	09:42	0	0	
A-2	Mid depth	06/17/25	<10	<10	<10				
A-3	Surface	06/17/25	<2	<2	<2	09:55	0	0	
A-3	Mid depth	06/17/25	<10	<10	<10				
A-4	Surface	06/17/25	6	<2	<2	10:04	0	0	
A-4	Mid depth	06/17/25	<10	<10	<10				
A-5	Surface	06/17/25	<2	<2	<2	09:50	0	0	
A-5	Mid depth	06/17/25	<10	590	230				
B-1	Surface	06/17/25	<2	<2	<2	09:34	0	0	
B-1	Mid depth	06/17/25	<10	<10	<10				
B-2	Surface	06/17/25	<2	<2	<2	10:07	0	0	
B-2	Mid depth	06/17/25	<10	<10	10				
N1	Surface	06/17/25	<2	<2	<2	09:24	0	0	
N2	Surface	06/17/25	<2	<2	<2	09:20	0	0	
N3	Surface	06/17/25	<2	<2	<2	09:17	0	0	
N4	Surface	06/17/25	2	<2	2	09:14	0	0	
N5	Surface	06/17/25	<2	<2	<2	09:11	0	0	
N6	Surface	06/17/25	<2	<2	<2	09:09	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.

Receiving Water Limitations: (1)30-Day geometric mean of fecal coliform density not to exceed 200CFU/100 mL

calculated based on the five most recent samples from each site (2)single sample max not to exceed 400 CFU/100mL

(3) Enterococcus 6-week rolling geometric mean not to exceed 30 CFU/100 mL, calculated weekly. (4) Statistical threshold value (STV) of 110 CFU/100 mL for enterococcus not to be exceeded by more than 10% of samples collected in a calendar month, calculated in a static manner

**Compliance Summary Report**  
**San Juan Creek Ocean Outfall June 2025**

SJCOO Permit Order No. R9-2025-0001							
Agency	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Potential Fine
SMWD-San Juan Capistrano Groundwater Treatment Plant	06/14/2025	SS	Deficient Monitoring	ml/L	Weekly	N/A	\$3,000
SMWD-San Juan Capistrano Groundwater Treatment Plant	06/14/2025	Turbidity	Deficient Monitoring	NTU	Weekly	N/A	\$3,000
SMWD-San Juan Capistrano Groundwater Treatment Plant	06/14/2025	TDS	Deficient Monitoring	mg/L	Weekly	N/A	\$3,000
City of San Clemente	06/17/2025	TSS	Deficient Monitoring	mg/L	Daily (5 days a week)	N/A	\$3,000



**SOCWA and MEMBER AGENCY FACILITIES**  
**SJCOO Spill / Overflow Report Log - June 2025**  
**Order No. R9-2025-0001 ~ 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
MNWD - RTP	1/7/2025	TDS	12 month	mg/L	1000	1212	
MNWD - RTP	1/7/2025	Manganese	12-Month	mg/L	0.05	0.13	
MNWD - RTP	1/7/2025	Manganese	Daily Maximum	mg/L	0.06	0.07	
SOCWA - CTP	1/7/2025	Manganese	12-Month	mg/L	0.05	0.09	
MNWD - 3A	10/2/2024	TDS	12 month	mg/L	1000	1213	Offline
MNWD - 3A	10/2/2024	Manganese	12 month	mg/L	0.05	0.10	Offline
SMWD-NWRP	1/15/2025	TDS	Daily Maximum	mg/L	1000	1200	
SOCWA - CTP	2/4/2025	Manganese	Daily Maximum	mg/L	0.06	0.08	
SOCWA - CTP	2/4/2025	Manganese	12 month	mg/L	0.05	0.09	
MNWD - RTP	2/4/2025	Manganese	Daily Maximum	mg/L	0.06	0.15	
MNWD - RTP	2/4/2025	Manganese	12 month	mg/L	0.05	0.13	
MNWD - RTP	2/4/2025	TDS	12 month	mg/L	1000	1189	
MNWD - 3A	10/2/2024	TDS	12 month	mg/L	1000	1213	Offline
MNWD - 3A	10/2/2024	Manganese	12 month	mg/L	0.05	0.10	Offline
MNWD - RTP	3/5/2025	TDS	12 month	mg/L	1000	1126	
MNWD - RTP	3/5/2025	Manganese	12-Month	mg/L	0.05	0.12	
MNWD - RTP	3/5/2025	Manganese	Daily Maximum	mg/L	0.06	0.10	
MNWD - 3A	3/5/2025	TDS	12 month	mg/L	1000	1174	
MNWD - 3A	3/5/2025	Manganese	12 month	mg/L	0.05	0.10	
MNWD - 3A	3/5/2025	Manganese	Daily Maximum	mg/L	0.06	0.10	
SOCWA - CTP	3/4/2025	Manganese	Daily Maximum	mg/L	0.06	0.08	
SOCWA - CTP	3/4/2025	Manganese	12-Month	mg/L	0.05	0.08	
SMWD-NWRP	3/21/2025	TDS	12 month	mg/L	1000	1024	
SMWD-NWRP	3/21/2025	TDS	Daily Maximum	mg/L	1000	1153	
MNWD - RTP	4/8/2025	TDS	12 month	mg/L	1000	1088	
MNWD - RTP	4/8/2025	Manganese	12-Month	mg/L	0.05	0.13	
MNWD - RTP	4/8/2025	Manganese	Daily Maximum	mg/L	0.06	0.20	
MNWD - 3A	4/3/2025	TDS	12 month	mg/L	1000	1149	

### Waste Discharge Requirement Order 97 - 52

Agency - Facility	Violation Date	Constituent	Effluent Limit Violation	Units	Permit Limit	Reported Value	Remarks
MNWD - 3A	4/3/2025	Manganese	12 month	mg/L	0.05	0.10	
MNWD - 3A	4/3/2025	Manganese	Daily Maximum	mg/L	0.06	0.12	
SOCWA - CTP	4/1/2025	Manganese	12-Month	mg/L	0.05	0.08	
SOCWA - CTP	4/1/2025	Daily Maximum	12-Month	mg/L	0.05	0.09	
SMWD-NWRP	4/17/2025	TDS	12 month	mg/L	1000	1075	
MNWD - RTP	5/6/2025	TDS	12 month	mg/L	1000	1023	
MNWD - RTP	5/6/2025	Manganese	12-Month	mg/L	0.05	0.13	
MNWD - RTP	5/6/2025	Manganese	Daily Maximum	mg/L	0.06	0.12	
MNWD - 3A	5/5/2025	TDS	12 month	mg/L	1000	1090	
MNWD - 3A	5/5/2025	Manganese	12 month	mg/L	0.05	0.10	
MNWD - 3A	5/5/2025	Manganese	Daily Maximum	mg/L	0.06	0.09	
SOCWA - CTP	5/19/2025	Manganese	12-Month	mg/L	0.05	0.08	
SMWD-NWRP	5/13/2025	TDS	12 month	mg/L	1000	1048	
MNWD - RTP	6/2/2025	TDS	12 month	mg/L	1000	1008	
MNWD - RTP	6/2/2025	Manganese	12-Month	mg/L	0.05	0.13	
MNWD - RTP	6/2/2025	Manganese	Daily Maximum	mg/L	0.06	0.16	
MNWD - 3A	6/2/2025	TDS	12 month	mg/L	1000	1048	
MNWD - 3A	6/2/2025	Manganese	12 month	mg/L	0.05	0.10	
MNWD - 3A	6/2/2025	Manganese	Daily Maximum	mg/L	0.06	0.12	
SOCWA - CTP	6/3/2025	Manganese	12-Month	mg/L	0.05	0.08	
SOCWA - CTP	6/3/2025	Manganese	Daily Maximum	mg/L	0.06	0.09	
SMWD-NWRP	6/25/2025	TDS	12 month	mg/L	1000	1032	

# Recycled Water Report

## SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

### QUARTERLY RECYCLED WATER MONITORING

Monitoring Period Ending: Jun 30, 2025

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	921		928	1,032	1,048	1,008	847
Chloride	mg/L	375	223		247	290	220	218	209
Sulfate	mg/L	400	303		243	219	386	263	252
Sodium	mg/L	None	58		178	213		196	164
Alkalinity	mg/L	None	-	-	-	-		228	181
Adjusted SAR	Ratio	None	5.05		5.24	5.88	3.38	4.12	4.04
Iron	mg/L	0.3	0.049		0.135	0.167	0.20	0.246	0.154
Manganese	mg/L	0.05	0.008		0.043	0.017	0.10	0.125	0.081
MBAS	mg/L	0.5	ND0.12		ND0.16	ND0.18	<0.03	<0.12	<0.11
Boron	mg/L	0.67	0.257		0.218	0.425	0.28	0.296	0.25
Fluoride	mg/L	None	0.74		0.53	0.59	0.78	0.74	0.56
Total Organic Carbon	mg/L	None	6.2		12.4	12.7	8.1	10.9	9.8

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

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

812

SOCWA Service Area  
Recycled Water Production (ac-ft)  
2025

Agency	Facility or Region	Jan '25	Feb '25	Mar '25	Apr '25	May '25	Jun '25	Jul '25	Aug '25	Sep '25	Oct '25	Nov '25	Dec '25	Annual Totals
CSJC 1	3-A Plant/MNWD	0.00	0.00	0.00	0.00	0.00	0.00							0.00
CSJC 2	Chiquita/SMWD	12.90	1.91	4.31	19.45	21.06	24.54							84.17
CSJC 3	Non-Domestic Well	30.43	14.44	18.76	33.64	50.52	59.51							207.30
ETWD	Region 8	76.42	28.25	39.53	113.74	154.52	200.91							613.37
IRWD														
4	IRWD - 8	135.30	38.33	37.59	135.62	178.24	203.03							728.12
4	IRWD - 9	53.53	18.46	20.85	64.04	70.76	80.72							308.36
SCWD	SOCWA CTP	54.89	19.84	35.36	62.63	70.54	68.33							380.57
MNWD	JRP	449.87	260.06	73.93	223.63	378.52	439.96							1,825.96
	3-A Plant	0.00	0.00	145.44	144.28	126.07	117.61							533.41
5	CTP	5.27	-1.23	9.09	22.13	19.90	4.28							59.44
SMWD	Oso Creek													
	Chiquita	362.93	426.67	506.31	471.75	495.66	472.46							2,735.76
	Nichols	1.73	1.49	1.74	1.63	1.91	1.97							10.46
TCWD	RRWRP	37.50	35.59	41.56	39.15	39.67	38.45							231.91
TOTALS		1,220.77	843.82	934.45	1,331.69	1,607.37	1,711.77							7,718.84

- 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.D.

**Legal Counsel Review:** No

**Meeting Date:** August 7, 2025

**TO:** Board of Directors

**FROM:** Amber Boone, General Manager

**STAFF CONTACT:** Katie Greenwood, Source Control Manager

**SUBJECT:** Monthly Pretreatment Report – June & July 2025  
San Juan Creek Ocean Outfall  
NPDES Permit #CA0107417 Order # R9-2022-0005  
Aliso Creek Ocean Outfall  
NPDES Permit #CA0107611 Order # R9-2022-0006

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### Summary of Program Activities

Staff continue to update each member agency (MA) industrial waste survey (IWS) spreadsheet. Please see “Summary of IWS Activities” table below.

On May 20, 2025, staff from the San Diego Regional Water Quality Control Board (RWQCB-SD) conducted a Pretreatment Compliance Inspection (PCI) of SOCWA’s Pretreatment Program. The inspection included a review of facility files and site visits to the following locations:

- Applied Medical – 23061 Arroyo Vista, Rancho Santa Margarita (WD Permit #SMWD-1-009)
- OC Public Works – Poche Beach, Beach Road, San Clemente (NSWD Permit #SCWD-N4-011)

RWQCB-SD staff issued the report to SOCWA on July 1, 2025. It included no findings, no violations, and two recommendations for improvement — update the pretreatment agreements SOCWA maintains with each agency and continue to improve dental establishment compliance numbers under the Dental Amalgam Rule, 40 CFR Part 441. Copy of the report was distributed to key agency staff with the end of the month email for July 2025.

### 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:

SMWD – Mission Riding Park - WD Permit #SMWD-2-003 - Staff continues to work with site personnel to ensure the site’s ability to maintain consistence with permit compliance. On June 20, 2025, SOCWA issued a permit modification letter to reflect the use of a flow meter on the effluent line in lieu of sub-meter stations.

SOCWA (SMWD/MNWD) – SWD Permit No. SOCWA-4-005 –Lake Mission Viejo Advanced Purified Water Treatment Facility (APWTF) – SOCWA staff issued a renewal permit on July 18, 2025. The site has been discharging to the sewer since 2017 with no known impacts to sewerage facilities. The permit term continues to last for one year and the permit is renewed annually. All monitoring associated with location 003 (3A) was removed from the permit. All other permit provisions remain the same.

SOCWA – On June 12, 2025, Southern California Gas Company (SoCalGas) submitted a permit application to discharge hydrotest wastewater associated with a 2.2 mile existing 30-inch natural gas transmission line which runs parallel to Alipaz St. Staff has and will continue to communicate with key agency staff to issue a short-term discharge permit.

### **Training and Committee Meetings Attended**

Staff attend monthly OC Strike Force meetings to share and receive environmental legal updates.

On June 11, 2025, staff participated in the Clean Water SoCal summer board meeting. Staff is currently serving as one of the pretreatment co-chairs.

As the CWEA SARBS P3S Chair, staff organized a half-day P3S inspector training event on July 15, 2025. Western Municipal Water provided a space to host a little over 50 people. Topics included: hazardous waste vs. pretreatment, pretreatment data management systems, confined space safety, and emerging trends and challenges in the field. Inspectors from across the region shared key information and experiences. Overall, the event was a success and sold out.

### **Inspections**

SOCWA Staff will soon start 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.

IRWD – On June 12, 2025, SOCWA and IRWD jointly inspected Velco Tool & Die. The site was found to conduct passivation which is a core process associated with 40 CFR Part 433 – Metal Finishing Rule. Findings further determined that the site operation is intermittent and therefore, the site may be classified as a non-significant categorical industrial user (NSCIU), never discharging more than 100 gpd of categorical wastewater. Site staff are in process of developing a discharge schedule and SOPs to submit with a permit application due to SOCWA August 8<sup>th</sup>.

SMWD – On June 18, 2025, staff inspected Mission Riding Park prior to modifying the permit to reflect new flow monitoring requirements (see Permit Activities above). Findings include the need to improve clarifier manholes through realignment, sealing, and waterproofing.

### **Enforcement**

SMWD –Applied Medical Rubber Manufacturing, Building R103 (WD Permit #SMWD-1-003) – On June 24, 2025, SOCWA issued a notice of non-compliance (NON)to Applied Medical exceeding the permit limit for zinc at sample location #002. As required, 24-hour notification was given. Upon detection, the facility immediately ceased all process wastewater discharge from Sampling Location 002 and collected and hauled it offsite. The system was cleaned, and re-



sampling was performed, and compliant results were provided to SOCWA within 30 days, as required. SOCWA considers this enforcement action resolved.

SCWD – Three Arch Bay (TAB) – On July 14, 2025, SOCWA staff issued a NON to TAB for late reporting and for sampling outside of the required reporting period.

SMWD – Protab Laboratories – On July 23, 2025, staff issued a warning notice of non-compliance (WNON) to ProTab for late reporting of their semi-annual SMR. The late report was due to staff turnover. SOCWA considers this enforcement action resolved.

**Summary of IWS Activities in SOCWA's Service Area - YTD through July 23, 2025**

<u>MA IUs</u>	<u>Events</u>	<u>Permits</u>	<u>NIWD</u>	<u>BMPs</u>	<u>FSEs</u>	<u>OSEs</u>	<u>DSEs</u>	<u>Closed</u>	<u>Enforcement</u>	<u>Total IUs</u>
CLB (S)	0	2	2	5	8	110	15	0	0	143
CSC (S)	14	10	35	18	189	1263	38	0	2	1553
CSJC (S)	15	0	27	58	141	1702	30	3	0	1958
ETWD (M)	14	0	88	0	261	140	50	3	0	495
EBSD (U)	0	1	0	0	0	0	0	0	0	1
IRWD (S)	1	5	51	21	63	915	18	0	0	1073
MNWD (S)	27	4	120	38	659	2144	152	8	2	3117
SMWD (S)	44	9	19	19	222	849	52	14	3	1170
SCWD (S)	0	8	33	7	148	186	15	0	1	397
TCWD (S)	0	0	11	0	7	33	2	0	0	51
SOCWA (S)	0	6	1	0	0	0		0	0	6
<b>Totals</b>	<b>115</b>	<b>45</b>	<b>387</b>	<b>166</b>	<b>1698</b>	<b>7342</b>	<b>372</b>	<b>28</b>	<b>8</b>	<b>9964</b>

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

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

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

# Agenda Item

## 5.E.

**Board of Directors Meeting**

**Meeting Date:** August 7, 2025

**TO:** Board of Directors

**FROM:** Amber Boone, General Manager

**STAFF CONTACT:** Roni Grant, Capital Improvement Program Manager

**SUBJECT:** Capital Improvement Program Status Report and Construction Projects Progress and Change Order Report (July) [Project Committees 2 and 15]

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The status of the SOCWA Capital Improvement Program and construction projects progress are presented in the tables on the following pages. Below are updates for the previous month for the major construction projects currently underway at SOCWA facilities, including any change orders.

**J.B. Latham Treatment Plant Electrical System Upgrades**

*Replacement of MCC-M and Plant 1 Standby Generator*

Pre-Purchasing of MCC and Plant 1 generator is underway.

**J.B. Latham Treatment Plant Effluent Pump Station and Energy Building Upgrades**

*Replacement of effluent valves and piping; installation of monorail system, roof, safety, and seismic retrofit in the Energy Building.*

Notice to Proceed has been issued.

**J.B. Latham Plant 2 Headworks Rehabilitation**

*Plant 2 Headworks Building rehabilitation, including roof, channel coating, grating, HVAC system, and misc. electrical upgrades.*

Notice to Proceed has been issued.

**Coastal Treatment Plant Aeration Deck Grating Replacement**

*Improvements to the aeration deck grating, including concrete repair and grating supports*

Construction is currently in progress and near completion. There is one new change: Change Order 3, in the amount of \$12,181.69, was to remove and replace rebars without proper edge clearance, bringing the revised total contract amount to \$170,182.47.

**CTP West Primary and Secondary Scum Skimming System**

*Replacement of the scum skimmers, launders, and weirs*

Pre-Purchasing of scum skimmers, launders, and weirs is currently in progress.

**Coastal Treatment Plant Personnel Building Reconstruction**

*Improvements to Personnel Building, including lockers, fixtures, ceilings, tiles, and minor electrical*

Staff have been directed to obtain additional competitive quotes for the project.

**Coastal Treatment Plant Diffusers Upgrades**

*Replacement of diffusers and air headers in the aeration basins*

The construction has been completed.

**Recommended Action:** Information Item.

Jul - Sep	Oct - Dec	Jan - Mar	Apr - Jun	Jul - Sep	Oct - Dec	Jan - Mar	Apr - Jun
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**SOCWA CIP Workplan**

				FY 2025/2026				FY 2026/2027			
Project Number	Project Name	Project Budget	Status	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
PC 2 - J.B. Latham Treatment Plant											
3215/3252	MCC M and Plant 1 Generator Replacement	\$ 4,406,903	Pre-procurement and design underway	D	D	D	B&A	C	C	C	C
3285	Main Plant Drain Line Reconstruction	\$ 500,000	Design underway	D	D	B&A	C	C	C		
32241L	Effluent Pump Station Storage and Staging Area	\$ 250,000	Design underway	D	B&A	C	C	C			
32226L	Effluent Pump Station Upgrades	\$ 1,877,000	Construction underway	C	C	C					
32243L	Plant 2 Headworks Rehabilitation	\$ 2,200,000	Construction underway	D	D	D	B&A	C	C	C	C
32261L	Plant 1 and 2 Grit Assessment	\$ 50,000	Getting quotes	CA							
32262L	DAF Polymer System Upgrade	\$ 741,000	Planning underway	P	P	D	D	D	B&A	C	C
3216/32225C /32225S	Energy Building Upgrades	\$ 1,955,000	Construction underway	C	C	C					
32232S	Buried Digester Gas and Flare Piping Improvements	\$ 125,000	Design underway	D	D	D	D	B&A	C	C	C
32234S	Heat Exchanger 4 Pipe Replacement	\$ 75,000	Design underway	D	D	D	D	B&A	C	C	C
32224S	Truck Loading area, MCC 2 and CF Reconstruction	\$ 3,000,000	FY 26/27					P	P	D	D
32231S	Gas Flare Replacement	\$ 2,000,000	Design underway	D	D	D	D	B&A	C	C	C
32261S	Odor Control Scrubber No. 2 Replacement	\$ 2,000,000	Planning underway	P	P	D	D	D	B&A	C	C
32262S/32264S	Dewatering System Replacement	\$ 1,056,490	Planning underway	P	P	D	D				
32263S	Buried Digester Piping Reconstruction	\$ 250,000	Design underway	D	D	D	D	B&A	C	C	C
322236S	Digester 3 and 4 Upgrades and Coating	\$ 500,000	FY 26/27	P	P	D	D	B&A	C	C	C
PC 5 - San Juan Creek Ocean Outfall											
5059	Monitoring Vault Rehabilitation	\$ 165,000	FY 26/27					P	D	D	D
PC15 - Coastal Treatment Plant											
3541A	Export Sludge Environmental Mitigation	\$ 1,392,100	Mitigation work/permitting ongoing	ENV	ENV	ENV	ENV				
352601	Grit Baffles and Diffusers	\$ 200,000	Getting quotes for coating	D	D	B&A	C	C			
15820/15821	East Primary Tank Sludge Piping, Troughs and Scum Skimmers	\$ 275,000	FY 26/27					P	D	D	D
3543	Export Sludge Pipeline Replacement at RTP	\$ 400,000	Planning underway	P	D	D	D	P	D	D	D

**SOCWA CIP Workplan**

Project Number	Project Name	Project Budget	Status	FY 2025/2026				FY 2026/2027			
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
35247L	Aeration Blower System Upgrades	\$ 142,657	Preliminary design underway	P	P	D	D	B&A	C	C	C
35246L/35239L	West Primary and Secondary Sludge Skimmers and Launderers/Weirs	\$ 1,100,000	Pre-procurement underway	B&A	C	C	C				
35229L/35235L	Odor Control Scrubber/Foul Air System Reconstruction	\$ 1,650,000	Final design underway	D	D	D	B&A	C	C	C	C
3522AL	Drainage Pump Station	\$ 4,200,000	Final design underway	D	D	D	B&A	C	C	C	
3525	Personnel Building Reconstruction	\$ 471,586	Phase 1 completed, Phase 2 bidding underway	B&A	C	C	C				
35233L/35236L	Scum Pump Station and Wet well	\$ 300,000	FY 26/27					P	D	D	D
35234L	RAS/WAS Pump Station Repair	\$ 100,000	FY 26/27					P	P	D	D
35237L	Electrical Manhole/Cable Project	\$ 85,000	FY 26/27					P	P	D	D
15817	EQ Tank Liner Rehabilitation	\$ 300,000	FY 26/27					D	B&A	C	C
35248L	Access Road Repaving	\$ 950,000	Design underway	D	B&A	C	C				
35228L	Aeration Diffuser Replacement	\$ 1,800,000	Construction near completion	C	C						
35245L	Grating Replacement on Aeration/Secondary Deck	\$ 160,000	Construction near completion	B&A	C	C	C				
<b>PC 21 - Effluent Transmission Main</b>											
3107/3108	Air Valve Replacement	\$ 911,424	Design/permitting underway	D	ENV	ENV	B&A	C	C		
3101/31221B	Trail Bridge Crossing	\$ 1,947,284	Planning/design underway	P	P	P	P	ENV	ENV	ENV	ENV
<b>PC 24 - Aliso Creek Ocean Outfall</b>											
54221O	Outfall inspection, port cleaning and repairs	\$ 400,000	FY26/27					P	D	D	B&A
34222O	Golf Course Road	\$ 45,000		D	D	B&A	C	C			

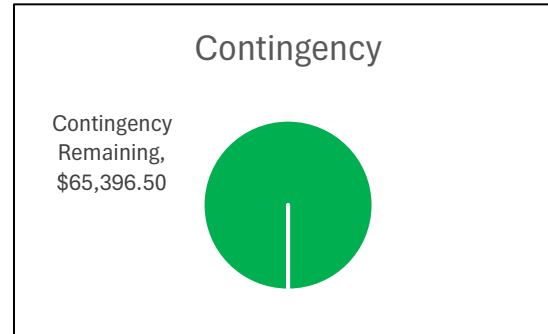
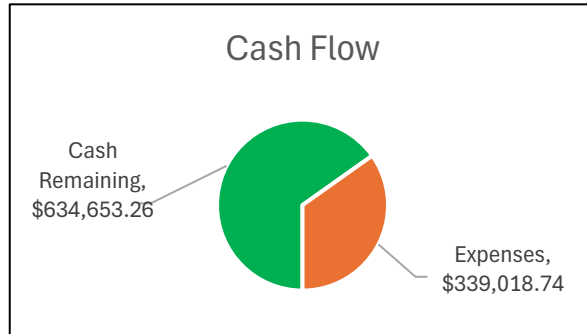
P	Planning
CA	Condition Assessment
ENV	Environmental/Permitting
D	Design
B&A	Bidding and Award
C	Construction

### Project Financial Status

Project Committee	2
Project Name	Electrical System Upgrades - 3252
Project Description	Electrical System upgrades including MCC and Plant 1 Generator

**Data Last Updated**

July 10, 2025



### Cash Flow

Collected	\$ 973,672.00
Expenses	\$ 339,018.74

### Project Completion

Schedule	25%
Budget	41%

### Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Costs to Date
Quinn Power	20975	\$ 414,940.00			\$ 414,940.00	\$ 264,999.15
Pacific Parts	20561	\$ 239,025.00			\$ 239,025.00	\$ 19,176.46
Hazen	14331	\$ 164,350.00			\$ 164,350.00	\$ 6,140.00
SOCWA Staff Time	3252					\$ 48,703.13
		<b>\$ 818,315.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 818,315.00</b>	<b>\$ 339,018.74</b>

### Construction Contingency

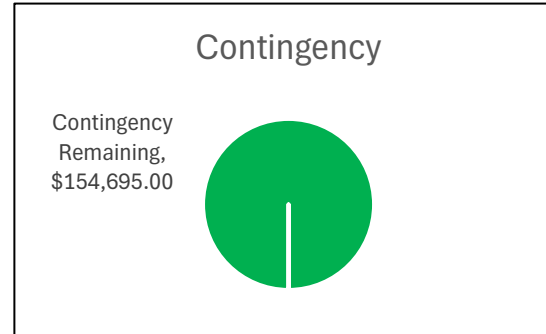
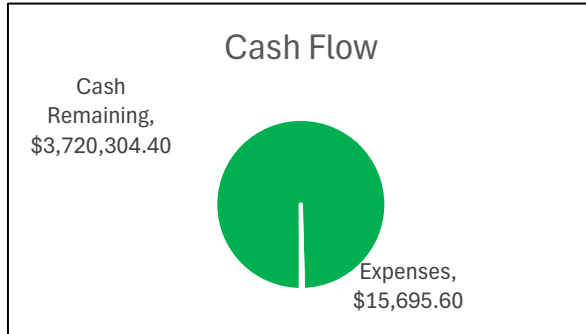
Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3252	\$ 65,396.50		\$ 65,396.50	0.0%
		<b>\$ 65,396.50</b>	<b>\$ -</b>	<b>\$ 65,396.50</b>	<b>0.0%</b>

### Project Financial Status

Project Committee	2
Project Name	Effluent Pump Station and Energy Building Upgrades - 3226/32225S/3216
Project Description	Replacement of effluent valves and piping; installation of monorail, roof, safety upgrades and seismic retrofit in the Energy Building

Data Last Updated

July 10, 2025



### Cash Flow

Collected	\$ 3,736,000.00
Expenses	\$ 15,695.60

### Project Completion

Schedule	0%
Budget	0.49%

### Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Costs to Date
Pacific Hydrotech	21280	\$ 3,093,900.00			\$ 3,093,900.00	
Carollo Engineers	20453	\$ 119,316.00			\$ 119,316.00	
Project Partners	21283	\$ 12,500.00			\$ 12,500.00	
SOCWA Staff Time	32226L/32225S/3216					\$ 15,695.60
		\$ 3,225,716.00	\$ -	\$ -	\$ 3,225,716.00	\$ 15,695.60

### Construction Contingency

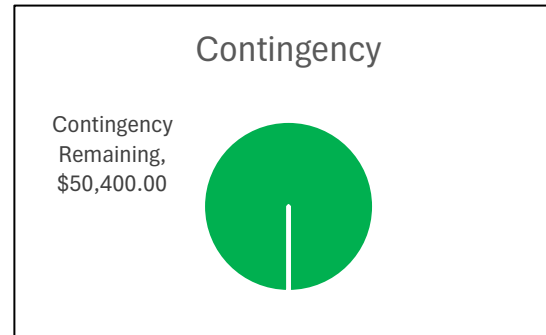
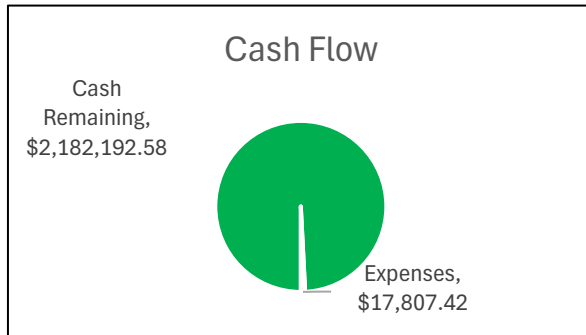
Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids/Solids/Common	32226L/32225S/3216	\$ 154,695.00		\$ 154,695.00	0.0%
		\$ 154,695.00	\$ -	\$ 154,695.00	0.0%

**Project Financial Status**

Project Committee	2
Project Name	Plant 2 Headworks Rehabilitation - 32243L
Project Description	Plant 2 Headworks building roof replacement, channel concrete repair and cover replacement, and electrical modification

**Data Last Updated**

July 10, 2025

**Cash Flow**

Collected	\$ 2,200,000.00
Expenses	\$ 17,807.42

**Project Completion**

Schedule	0%
Budget	0.81%

**Construction Contracts**

Company	PO No.	Original	Change Orders	Amendments	Total	Costs to Date
Pacific Hydrotech		\$ 2,149,600.00			\$ 2,149,600.00	
Dudek Engineers	20250	\$ 47,858.00			\$ 47,858.00	
Project Partners	21283	\$ 5,000.00			\$ 5,000.00	
SOCWA Staff Time	32243L					\$ 17,807.42
		\$ 2,202,458.00	\$ -	\$ -	\$ 2,202,458.00	\$ 17,807.42

**Construction Contingency**

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	32243L	\$ 50,400.00		\$ 50,400.00	0.0%
		\$ 50,400.00	\$ -	\$ 50,400.00	0.0%

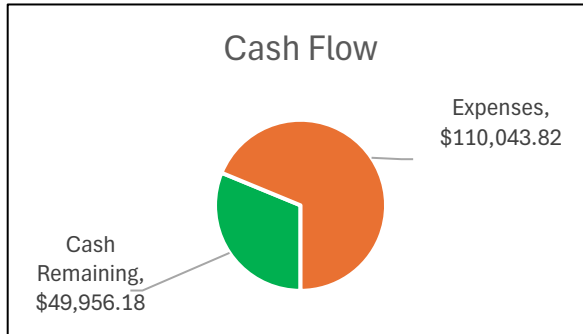


### Project Financial Status

Project Committee	15
Project Name	Grating Replacement on Aeration/Secondary Deck - 35245L
Project Description	Replacement of grating on west aeration/secondary deck

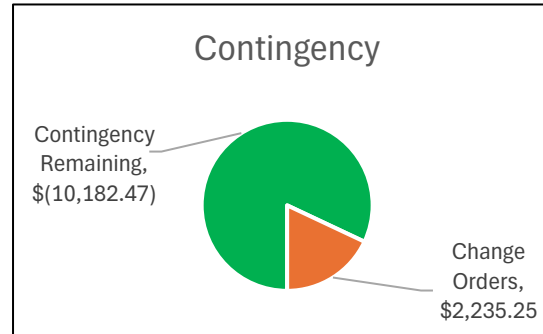
### Data Last Updated

July 10, 2025
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### Cash Flow

Collected	\$	160,000.00
Expenses	\$	110,043.82



### Project Completion

Schedule	75%
Budget	69%

### Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Costs to Date
SS Mechanical	20588	\$ 147,126.00	\$ 23,056.47		\$ 170,182.47	\$ 94,372.21
Project Partners	20877	\$ 25,000.00			\$ 25,000.00	\$ 5,991.00
Steve Andrews	20332	\$ 2,818.00			\$ 2,818.00	\$ 483.00
SOCWA Staff Time	35245L					\$ 9,197.61
		\$ 174,944.00	\$ 23,056.47	\$ -	\$ 198,000.47	\$ 110,043.82

### Construction Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	35245L	\$ 12,874.00	\$ 23,056.47	\$ (10,182.47)	179.1%
		\$ 12,874.00	\$ 23,056.47	\$ (10,182.47)	179.1%

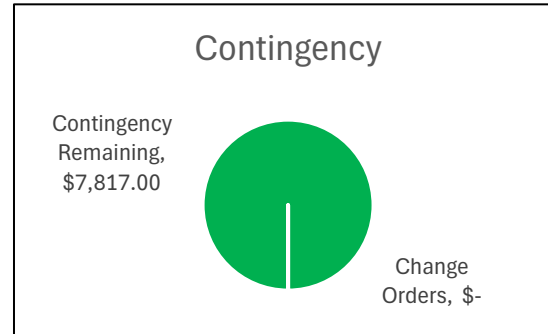
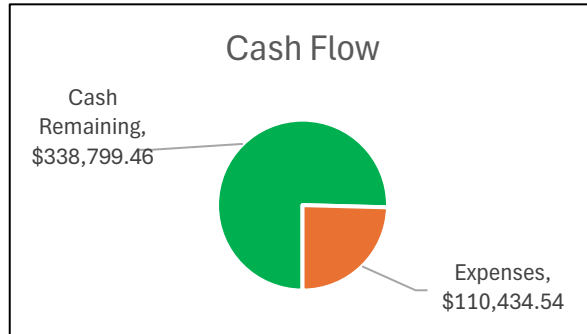
<u>Change Order No.</u>	<u>Vendor Name</u>	<u>Project ID</u>	<u>Description</u>	<u>Status Date</u>	<u>Days</u>	<u>Amount</u>
1	SS Mechanical	35245L	316L SST angle in lieu of 304L SST angle at the Step-Feed Channel	1/8/2025	94	\$ 2,235.25
2	SS Mechanical	35245L	Change Secondary effluent grating from 1-inch to 1.5"	1/31/2025	89	\$ 8,639.53
3	SS Mechanical	35245L	Removal and Replacement of Rebar without proper edge clearances	7/9/2025	90	\$ 12,181.69
						\$ 23,056.47

**Project Financial Status**

Project Committee	15
Project Name	Personnel Building Reconstruction - 3525
Project Description	Personnel building reconstruction including fixtures, lightings, ceiling, tiles and minor electrical

**Data Last Updated**

July 10, 2025

**Cash Flow**

Collected	\$ 449,234.00
Expenses	\$ 110,434.54

**Project Completion**

Schedule	100%
Budget	25%

**Construction Contracts**

Company	PO No.	Original	Change Orders	Amendments	Total	Costs to Date
T.E. Roberts	20930	\$ 78,165.00			\$ 78,165.00	\$ 78,165.00
Project Partners	20877	\$ 35,000.00			\$ 35,000.00	\$ 7,280.00
SOCWA Staff Time	3525					\$ 24,989.54
		<b>\$ 113,165.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 113,165.00</b>	<b>\$ 110,434.54</b>

**Construction Contingency**

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3525	\$ 7,817.00		\$ 7,817.00	0.0%
		<b>\$ 7,817.00</b>	<b>\$ -</b>	<b>\$ 7,817.00</b>	<b>0.0%</b>

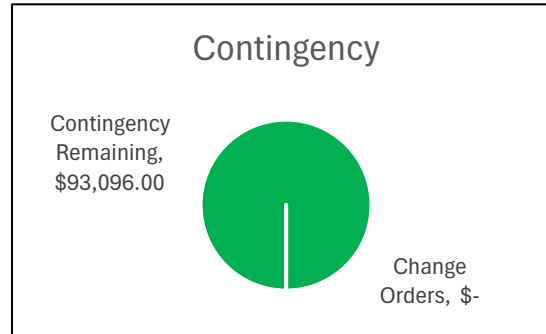
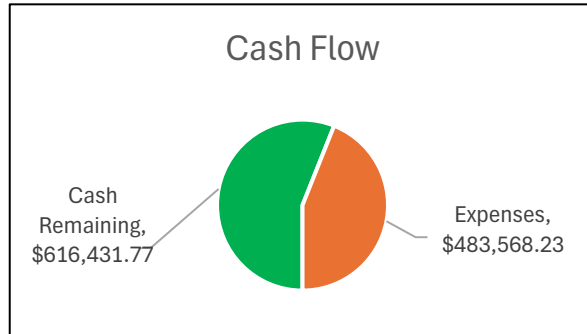
Change Order No.	Vendor Name	Project ID	Description	Status Date	Days	Amount
						\$ -

### Project Financial Status

Project Committee	15
Project Name	West Primary and Secondary Sludge Skimming System - 35246L/35239L
Project Description	Replacement of west primary and secondary sludge skimming system

**Data Last Updated**

July 10, 2025



### Cash Flow

Collected	\$ 1,100,000.00
Expenses	\$ 483,568.23

### Project Completion

Schedule	50%
Budget	44%

### Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Costs to Date
Brentwood	20496	\$ 930,960.00			\$ 930,960.00	\$ 465,480.00
Z&K/Ardurra	12240	\$ 12,240.00			\$ 12,240.00	\$ 8,511.00
SOCWA Staff Time	35246L/35239L					\$ 9,577.23
		<b>\$ 943,200.00</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 943,200.00</b>	<b>\$ 483,568.23</b>

### Construction Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	35246L/35239L	\$ 93,096.00	\$ -	\$ 93,096.00	0.0%
		<b>\$ 93,096.00</b>	<b>\$ -</b>	<b>\$ 93,096.00</b>	<b>0.0%</b>

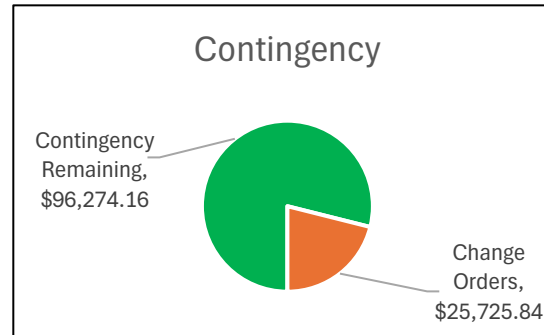
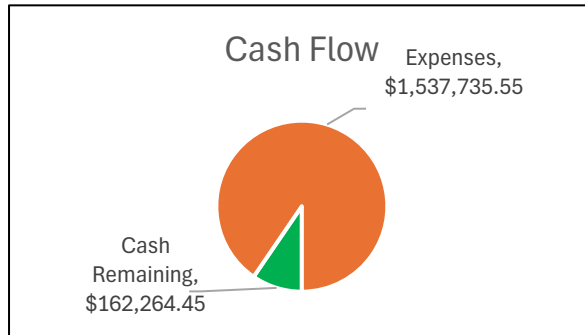
Change Order No.	Vendor Name	Project ID	Description	Status Date	Days	Amount

### Project Financial Status

Project Committee	15
Project Name	Aeration Diffusers Replacement - 35228L
Project Description	Replacement of diffusers in the aeraiton tanks.

### Data Last Updated

July 10, 2025



### Cash Flow

Collected	\$ 1,700,000.00
Expenses	\$ 1,537,735.55

### Project Completion

Schedule	100%
Budget	96%

### Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Costs to Date
Filanc	19640	\$ 1,022,250.00	\$ 25,725.84		\$ 1,047,975.84	\$ 1,047,975.84
EDI	16620	\$ 250,490.00			\$ 250,490.00	\$ 250,490.00
EDI	20885	\$ 82,800.00			\$ 82,800.00	\$ 82,800.00
Hazen	17256/19641	\$ 93,578.00			\$ 93,578.00	\$ 66,641.54
SS Mechanical	20443	\$ 37,535.00			\$ 37,535.00	\$ 37,537.00
SS Mechanical	21179	\$ 81,480.00			\$ 81,480.00	
SOCWA Staff Time	35228L					\$ 52,291.17
		\$ 1,568,133.00	\$ 25,725.84	\$ -	\$ 1,593,858.84	\$ 1,537,735.55

### Construction Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	35228L	\$ 122,000.00	\$ 25,725.84	\$ 96,274.16	21.1%
		\$ 122,000.00	\$ 25,725.84	\$ 96,274.16	21.1%

Change Order No.	Vendor Name	Project ID	Description	Status Date	Days	Amount
1	Filanc	35228L	Contract Extension	4/4/2024	273	\$ -
2	Filanc	35228L	Solids removal in basins	1/25/2025	60	\$ 25,725.84

# Agenda Item

## 6.A.

**Board of Directors Meeting**

**Meeting Date:** August 7, 2025

**TO:** PC 15 Board of Directors

**FROM:** Amber Boone, General Manager

**STAFF CONTACT:** Roni Grant, Capital Improvement Program Manager

**SUBJECT:** CTP Master Plan Revised Draft RFP Review [Project Committee 15]

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### Overview

SOCWA has retained Dopudja & Wells Consulting (D&W) to assist in the development of the Request for Proposal (RFP) scope of services for the J.B. Latham Treatment Plant (JBL) and Coastal Treatment Plant (CTP) Master Planning initiative.

In April 2025, D&W facilitated a kickoff meeting with SOCWA and its member agencies to outline the strategic direction and priorities for the master planning effort. The draft Request for Proposal (RFP) was distributed to the PC 15 members on June 17, 2025, for comments and feedback. The RFP review meeting was held on July 10<sup>th</sup> during the PC 2/15 joint meeting. The revised RFP was distributed on July 17<sup>th</sup> and also attached here for additional comments and feedback.

**Recommended Action:** Committee Discussion/Direction/Action.

# Agenda Item

## 6.B.

**Board of Directors Meeting**

**Meeting Date:** August 7, 2025

**TO:** PC 2 Board of Directors

**FROM:** Amber Boone, General Manager

**STAFF CONTACT:** Roni Grant, Capital Improvement Program Manager

**SUBJECT:** JBL Master Plan Revised Draft RFP Review [Project Committee 2]

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### Overview

SOCWA has retained Dopudja & Wells Consulting (D&W) to assist in the development of the Request for Proposal (RFP) scope of services for the J.B. Latham Treatment Plant (JBL) and Coastal Treatment Plant (CTP) Master Planning initiative.

In April 2025, D&W facilitated a kickoff meeting with SOCWA and its member agencies to outline the strategic direction and priorities for the master planning effort. The draft Request for Proposal (RFP) was distributed to the PC 2 members on Jun 17, 2025, for comments and feedback. The RFP review meeting was held on July 10<sup>th</sup> during the PC 2/15 joint meeting. The revised RFP was distributed on July 17<sup>th</sup> and also attached here for additional comments and feedback.

**Recommended Action:** Committee Discussion/Direction and Action.

**RESOLUTION NO. 2025-11**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY FOR A  
COMMENDATION TO ERNIE LEAL FOR PROVIDING DEDICATED SERVICE TO  
THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY AND THE RESIDENTS OF  
SOUTHERN ORANGE COUNTY FOR THE PERIOD OF  
FEBRUARY 2004 TO AUGUST 2025**

**WHEREAS:** South Orange County Wastewater Authority (SOCWA) facilitates and manages the collection, transmission, treatment, reuse, and disposal of wastewater for more than 500,000 homes and businesses across South Orange County.

**WHEREAS:** Ernie Leal began his twenty-one+ year career with South Orange County Wastewater Authority (SOCWA) as an Operator II. In 2016, he was appointed as an Interim Chief Operator at the 3A plant and the Chief Operator at the JBL plant in 2018.

**WHEREAS:** During Ernie's tenure with SOCWA, he has been a supportive supervisor for his staff, committed to the betterment and encouragement of their growth in knowledge and opportunity. Ernie has always exhibited a fair-minded approach to each challenge. He has instilled a client-based attitude in working with the member agencies, asking staff to always remain helpful and in an attitude of service.

**THEREFORE, BE IT RESOLVED** that the Board of Directors of the South Orange County Wastewater Authority and on behalf of the member agencies of SOCWA does hereby commend Ernie Leal for his dedicated twenty-one+ years of service and commitment to the mission of the South Orange County Wastewater Authority.

**PASSED AND ADOPTED, AND SIGNED** by the Board of Directors of the SOUTH ORANGE COUNTY WASTEWATER AUTHORITY, County of Orange, State of California, on the 7th day of August 2025.

(Seal)

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Frank Ury, Board Chair

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Amber Boone, General Manager, and  
Board Secretary



# Agenda Item

## 7.B.

<b>Budgeted:</b> No
<b>Legal Counsel Review:</b> No
<b>Meeting Date:</b> August 7, 2025

**TO:** Board of Directors

**FROM:** Amber Boone, General Manager

**SUBJECT:** Strategic Planning Discussion

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### Summary

On July 29, 2025, the SOCWA Executive Committee met to address key organizational objectives, resulting in an outcome to initiate a comprehensive dialogue with the SOCWA Board of Directors to shape and refine the strategic direction of SOCWA, ensuring alignment with its mission to protect ocean resources. This outcome underscores the Committee's commitment to fostering collaborative governance and advancing SOCWA's long-term vision for environmental stewardship and operational excellence.

**Recommended Action:** Board Discussion/Direction and Action.

# Agenda Item

## 7.D.

**Board of Directors Meeting**

**Meeting Date:** August 7, 2025

**TO:** Board of Directors  
**FROM:** Amber Boone, General Manager  
**SUBJECT:** General Manager's Status Report

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### **ADMINISTRATION**

#### **SOCWA Uniform Purchasing Policy Compliance**

Per the SOCWA December 2024 Uniform Purchasing Policy, the General Manager will report authorized purchases to the Board that were over \$25,000 but under \$100,000. The following items were authorized since the last Board meeting report.

<b>Purchase</b>	<b>Amount</b>
Generalized Water Quality Testing Supplies for FY 25/26	\$77,000.00
JBL Biogas Testing for Cogeneration Engine Emissions for FY 25/26 and 26/27	\$60,000.00

#### **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 2024-25 meets the disclosure requirement.

### **ENGINEERING**

#### **CTP Export Pipeline Construction Area Mitigation Update**

Dudek has notified SOCWA that the construction area mitigation now meets all the permit requirements. The mitigation monitoring required about eight months more than the original two-year monitoring period. SOCWA staff are working on attaining final certifications from the resource agencies.

## REIMBURSEMENT LOG FISCAL YEAR 2024-2025

Employee Name	Date	Ck #	Amount	Description
Ash, Dina				
	3/13/2025	EFT	\$195.00	COSTCO Membership Renewal
Barajas, Christopher				
	6/18/2024	Check	\$221.00	CWEA Membership
	7/30/2024	Check	\$400.00	Safety Shoes
	8/20/2024	Check	\$192.96	Mileage Reimbursement for Call-Outs
Borgelt, Sarah	2/4/2025	Check	\$296.59	Safety Shoes
Bradley, Sean	6/24/2024	Check	\$255.00	SWRCB GR5 Certification
Broedner, Lance	7/30/2024	Check	\$222.00	CWEA GR 3 Test
			\$348.86	Safety Shoes
	9/18/2024	Check	\$826.90	Tri-State / Mileage, Lodging, Seminar expenses
	6/5/2025	Check	\$471.72	CWEA Conf Palm Springs
Buell, Lukas	4/9/2025	Check	\$172.41	Mileage Reimbursement for HazWoper Training
	4/22/2025	Check	\$163.00	OIT Certification
	6/20/2025	Check	\$163.00	Gr I Exam
Castro, Manuel	11/20/2024	Check	\$159.26	WW Operator 2 Exam Fees
	12/5/2024	Check	\$169.00	Operator GR 2 Certification
Clarke, Matt	7/10/2024	Check	\$461.86	WI-FI Emergency Service
	2/27/2025	Check	\$115.74	Remote Control for Boardroom
	3/13/2025	Check	\$128.20	TP-Link switches for Lab
Cotinola, Jeanette	7/25/2024	EFT	\$48.60	Toll / Mileage Reimbursement for OC Alliance
			\$1,992.36	CASA / Airfare, Parking, Lodging
	0/06/20024	EFT	\$227.52	CASA / Food and Vehicle rental
	9/18/2024	EFT	\$1,454.96	NIGP Conference / Mileage, Food, Lodging
	12/5/2024	EFT	\$944.97	CAPPO / Registration and Airfare
			\$104.11	CCC/DIR / Lunch and Mileage
			\$21.98	Mileage CTP Job walk
	1/6/2025	EFT	\$1,000.00	Recruitment Assistance
	1/22/2025	EFT	\$1,312.25	CAPPO Lodging
DeAntonio, Nicholas	7/10/2024	Check	\$207.00	CWEA GR2
			\$392.04	Safety Shoes
	10/22/2024	Check	\$239.00	CWEA Membership
	2/20/2025	Check	\$111.00	Certification renewal & fee
Gardner, Richard	9/18/2024	EFT	\$350.13	Safety Shoes
			\$215.62	RX Safety Lab Glasses
Gesiriech, Gage	7/30/2024	Check	\$113.00	MT-4 renewal Fee
	10/1/2024	Check	\$400.00	Safety Shoes
	4/22/2025	Check	\$360.00	CWEA Membership Renewal
Greenwood, Katie	1/6/2025	Check	\$293.92	Education Reimbursement/Spanish

## REIMBURSEMENT LOG FISCAL YEAR 2024-2025

Employee Name	Date	Ck #	Amount	Description
	2/20/2025	Check	\$563.13	Training/Networking
	5/5/2025	Check	\$336.99	CWEA P.S. Training
	5/21/2025	Check	\$738.16	NACWA Conference
Hernandez, Sheree	1/4/1900	Check	\$160.00	Safety Shoes
	12/18/2024	Check	\$175.20	Education Reimbursement
Jardin, Sean	7/24/2024	Check	\$127.64	Mileage / Callouts
			\$400.00	Safety Shoes
	8/28/2024	Check	\$153.16	Mileage / Callouts
	11/6/2024	Check	\$199.95	Mileage / Callouts
	2/20/2025	Check	\$160.02	Mileage / Callouts
Jones, James	7/10/2024	Check	\$400.00	Safety Shoes
Looska, Ian	7/10/2024	EFT	\$239.00	CWEA Membership Renewal
			\$400.00	Safety Shoes
	7/17/2024	EFT	\$222.00	MT3 Test Fee
	6/5/2025	EFT	\$355.00	CWEA Membership Renewal E 1&2 and M+E3
Luce, Kristopher	7/17/2024	EFT	\$400.00	Safety Shoes
	11/6/2024	EFT	\$143.65	Electrical License Class
	1/22/2025	EFT	\$100.00	Electrical License Renewal (DIR)
	06/20/2025	EFT	\$1,039.49	CoGen Training Travel
Matson, Micheal	12/5/2024	Check	\$400.00	Safety Shoes
Montoya, Morgan	3/24/2025	Check	\$395.00	Safety Shoes
Paddock, Bill	11/20/2024	Check	\$448.00	CWEA Electrical Test
Paranal, Bryan	10/17/2024	Check	\$111.00	CWEA Gr2 Renewal
Peacher, Sean	8/6/2024	Check	\$278.27	MWDOC CS11 Cert
	10/9/2024	Check	\$121.94	Mileage / Various
	12/18/2024	Check	\$122.61	Mileage / Various
	3/13/2025	Check	\$88.20	Mileage / Various
			\$779.75	CESA Conference
	5/21/2025	Check	\$392.57	CESA Conference/Training
			\$92.40	Mileage Various
Pegan, Jeremy	10/9/2024	Check	\$207.00	CWEA EIT2 Test
	5/5/2025	Check	\$747.62	NVIDIA Conference
Peter, Phillip	9/18/2024	Check	\$402.24	CEWA Award Plaque
	3/13/2025	Check	\$353.88	Tri State Conference
	4/9/2025	Check	\$121.00	CWEA Renewal
	6/5/2025	Check	\$168.56	Meals reimbursement (Training)
			\$85.25	HAZMAT Background Check
			\$590.85	Airfare Co-Gen Training
	6/20/2025	Check	\$1,207.79	CoGen Taining Travel

REIMBURSEMENT LOG FISCAL YEAR 2024-2025				
Employee Name	Date	Ck #	Amount	Description
Plesa, Anthony	6/5/2025	Check	\$257.00	CWEA Renewal
Reed, David	1/17/2024	Check	\$360.00	CWEA Membership Renewal
Santos, Charles	7/10/2024	EFT	\$150.85	Safety Shoes
	9/24/2024	EFT	\$860.32	WIMS Conference
	3/13/2025	EFT	\$777.36	P3S Conference
Shilkov, Konstantin	7/10/2024	EFT	\$126.00	Inventory Lunch
	8/6/2025	EFT	\$304.80	Education Reimbursement
	11/6/2024	EFT	\$254.80	Education Reimbursement
Schmuck, Tristan	3/13/2025	Check	\$353.88	Tri State Conference
Stiles, Michael	12/18/2024	Check	\$111.00	CWEA Membership Renewal
Vincent, Kyle	10/31/2024	Check	\$116.00	CWEA Renewal
Young, Roni	11/20/2024	EFT	\$139.10	SPVR Registration
	3/13/2025	EFT	\$100.00	OCWA Membership luncheon
Wang, Katrina	5/21/2025	EFT	\$484.24	CWEA Conference