NOTICE OF REGULAR MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
ENGINEERING COMMITTEE

April 10, 2025
8:30 a.m.

NOTICE IS HEREBY GIVEN that a Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee was called to be held on **April 10, 2025, at 8:30 a.m.** SOCWA staff will be present and conducting the meeting at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California.

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

AGENDA ATTACHMENTS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY ENGINEERING COMMITTEE IN CONNECTION WITH A MATTER SUBJECT FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE ENGINEERING COMMITTEE 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 ENGINEERING COMMITTEE 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 ENGINEERING COMMITTEE 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
https://socwa.zoom.us/

Meeting ID: 811 5627 8108
Passcode: 618951

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Find your local number: https://socwa.zoom.us/u/kcW16s7Po3

[AGENDA

1. Call Meeting to Order

2. Public Comments

THOSE WISHING TO ADDRESS THE ENGINEERING COMMITTEE ON ANY ITEM LISTED ON THE AGENDA WILL BE REQUESTED TO IDENTIFY AT THE OPENING OF THE MEETING AND PRIOR TO THE CLOSE OF THE MEETING. THE AUTHORITY REQUESTS THAT YOU STATE YOUR NAME WHEN MAKING THE REQUEST IN ORDER THAT YOUR NAME MAY BE CALLED TO SPEAK ON THE ITEM OF INTEREST. THE CHAIR OF THE MEETING WILL RECOGNIZE SPEAKERS FOR COMMENT AND GENERAL MEETING DECORUM SHOULD BE OBSERVED IN ORDER THAT SPEAKERS ARE NOT TALKING OVER EACH OTHER DURING THE CALL.

3. Approval of Committee Member Request for Remote Participation (Standing Item)

Recommended Action: Committee Discussion/Direction and Action.

PAGE NO.

10. J. B. Latham Treatment Plant Effluent Pump Station and Energy Building Upgrades Engineering Services during Construction [Project Committee 2] 60

    Recommended Action: Staff recommends that the Engineering Committee recommend that the PC 2 Board approve Change Order 1 to Carollo Engineers for a total of $135,620. This will result in a revised contract amount of $311,136 for the JBL Effluent Pump Station and Energy Building improvements project.

11. J. B. Latham Treatment Plant 2 Headworks Rehabilitation Engineering Services During Construction [Project Committee 2] 66

    Recommended Action: Staff recommends that the Engineering Committee recommend to the Board of Directors to approve Change Order 1 to Dudek for $47,858. This will result in a revised contract amount of $255,958 for the JBL Plant 2 Headworks Rehabilitation project.

12. Adjournment

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Engineering Committee at least 72 hours prior to the scheduled time of the Regular Meeting referred to above.

I hereby certify that the foregoing Notice was posted at least 72 hours prior to the time of the above-referenced Engineering Committee meeting at the usual agenda posting location of the South Orange County Wastewater Authority and at www.socwa.com.

Dated this 3rd day of April 2025.

Danita Hirsh, Assistant Board Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Agenda Item 4

Engineering Committee Meeting

Meeting Date: April 10, 2025

TO: Engineering Committee

FROM: Roni Grant, Capital Improvement Program Manager

SUBJECT: Approval of Minutes

Overview

Minutes from the following meeting are included for review and approval by the Engineering Committee:

- March 13, 2025

Recommended Action: Staff recommends that the Engineering Committee approve the Minutes as submitted.

MINUTES OF REGULAR MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Engineering Committee

DRAFT

March 13, 2025

The Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee Meeting was held on March 13, 2025, at 8:30 a.m. in-person and via teleconferencing from the Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Engineering Committee were present:

MIKE DUNBAR	Emerald Bay Service District
LINDSAY LEAHY	Santa Margarita Water District
MARC SERNA	South Coast Water District
MARK McAVOY	City of Laguna Beach

Absent:

DAVE REBENSDORF	City of San Clemente
HANNAH FORD	El Toro Water District

Staff Present:

AMBER BOONE	General Manager
RONI GRANT	Capital Improvement Program (CIP) Manager
JIM BURROR	Deputy GM/Chief Engineer
JAMES JONES	Superintendent of O&M
ANNA SUTHERLAND	Accountant
JACK BECK	Staff Accountant
MIKE MATSON	Support Services Manager
MATT CLARKE	Chief Technology Officer
DINA ASH	HR Administrator

Also Present:

SANDER HUANG	South Coast Water District
ROGER BUTOW	Clean Water Now (CWN)
DAVE LARSEN	Moulton Niguel Water District

1. Call Meeting to Order

   Ms. Roni Grant, Capital Improvement Program (CIP) Manager, called the meeting to order at 8:35 a.m.

2. Public Comments

   None.

3. Approval of Minutes

   - Engineering Committee Minutes of February 13, 2025.

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ACTION TAKEN
A motion was made by Mr. Serna and seconded by Mr. McAvoy to approve the Engineering Committee Minutes for February 13, 2025.

Motion carried:	Aye 4, Nay 0, Abstained 0, Absent 2	
	Mr. McAvoy	Aye
	Ms. Ford	Absent
	Mr. Dunbar	Aye
	Ms. Leahy	Aye
	Mr. Serna	Aye
	Mr. Rebensdorf	Absent

4. General Manager's Report

Ms. Amber Boone, General Manager, reported on the permitted discharges for the San Juan Creek and Aliso Creek Ocean Outfalls approved by the San Diego Regional Water Quality Control Board. She also noted that Santa Margarita Water District was removed as the co-owner of the 3A Plant and that Moulton Niguel Water District is now the sole owner. Ms. Boone concluded her report with a brief update on the upcoming budget and the timeline to present to the Board. An open discussion ensued.

This was an information item; no action was taken.

5. Operations Report

Mr. Jim Burror, Deputy GM/Chief Engineer, reported on the impacts of the overnight rainstorm at the Coastal Treatment Plant, stating that no issues have been reported so far. He also stated he handed out a copy of the 10-year capital plan that will be emailed to the members of the Engineering Committee to review with staff over the next month. An open discussion ensued.

This was an information item; no action was taken.

6. Capital Improvement Construction Projects Progress and Change Order Report (February) [Project Committees 2 and 15]

Ms. Roni Grant updated the Engineering Committee on the status of the following CIP projects:

- JBL Scum Line Replacement - Construction is currently in progress (*no change*).
- JBL Electrical Upgrades - Pre-purchasing of MCC and Plant 1 Generator is underway (*no change*).
- JBL and CTP SCADA System - There is one change order for $14,626.50, revising the total contract amount to $420,526.50. That covers the software licensing for Win-911 FactoryTalk A&E, including licensing and backup version upgrades. This system will allow backup in case the primary SCADA system is down.
- CTP Diffusers Replacement - The contractor substantially completed the contract work and is working on the final punch list items (*no change*).
- CTP Aeration/Secondary Deck Grating Replacement - Construction is currently in progress (*no change*).

- CTP West Primary and Secondary Scum Skimming System - Pre-Purchasing of scum skimmers, launders, and weirs is currently in progress (*no change*).
- CTP Auxiliary Blower Building Roof Replacement – Construction was completed with no change orders.
- CTP Personnel Building Sewer Rehabilitation – Construction is currently in progress (*no change*).

This was an information item; no action was taken.

7. J.B. Latham Treatment Plant (JBL) Flare System and Underground Piping Replacement Final Design [Project Committee 2]

ACTION TAKEN
A motion was made by Ms. Leahy and seconded by Mr. Serna that the PC 2 Board of Directors i) approve a contract with MKN for a total of $441,129 and ii) approve a project contingency of $44,133 to cover potential unknown issues during final design for a total project budget of $485,242.

Motion carried:	Aye 2, Nay 0, Abstained 0, Absent 0	
	Ms. Leahy	Aye
	Mr. Serna	Aye

8. JBL and CTP Masterplan Scoping Services [Project Committees 2 & 15]

ACTION TAKEN
A motion was made by Mr. Dunbar and seconded by Mr. Serna to award a contract to Dopudja Wells in the amount of $24,420 for the JBL and CTP Masterplan Scoping Services since it's within the General Manager's authority.

Motion carried:	Aye 4, Nay 0, Abstained 0, Absent 0	
	Mr. McAvoy	Aye
	Mr. Dunbar	Aye
	Ms. Leahy	Aye
	Mr. Serna	Aye

9. Adjournment

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

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Regular Meeting of the South Orange County Wastewater Authority Engineering Committee of March 13, 2025, and approved by the Engineering Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

_____
Danita Hirsh, Assistant Board Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Agenda Item 5

Engineering Committee Meeting

Meeting Date: April 10, 2025

TO: Engineering Committee

STAFF CONTACT: Amber Boone, General Manager

SUBJECT: General Manager's Report: FY 2025-26 Budget Allocations

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Summary

This report outlines the methodologies for allocating costs for the FY 2025-26 Budget following the SOCWA Reorganization Agreements dated December 9, 2024. The methodology includes adjustments to Project Committee allocations and administrative cost redistributions as a result of the agreements.

Project Committee Allocation Methodologies

PC 2 Costs

The O&M costs are billed based on solids and liquid costs as specified in the Assignment and Assumption Agreement (PC2) (Agreement No.5/Agreement #7 to PC2) in Table 1.

Table 1: PC2 Cost Allocations

PC2 - SOCWA JBL Capacity Summary (Owned and Operated by SOCWA)					
Agency	Liquids (mgd)	Solids (mgd) (1)	Solids (lbs)(1)	Common-S (%)	Common - L (%)
SCWD	6.75	7.70	16055	41.62%	51.92%
SMWD	6.25	10.80	22518	58.38%	48.08%
Total	13.00	18.50	38573	100%	100%

MNWD costs are combined with SCWD costs.

PC 5 Costs

The O&M costs are billed based on the Assignment and Assumption Agreement (Agreement No.6) PC5 in Table 2.

Table 2: PC5 Cost Allocations

PC5 - SOCWA San Juan Creek Ocean Outfall Capacity Summary (Owned and Operated by SOCWA)		
Agency	Ownership (%)	Hydraulic Capacity (mgd)
CSC	16.620%	13.296
SCWD	18.829%	15.063
SMWD	64.551%	51.64
Total	100.000%	80.00

MNWD costs are combined with SMWD costs.

PC 21 & 24 Costs

The O&M costs are billed based on the Assignment and Assumption Agreement (Agreement No.7) PC21 & 24 in Tables 3 & 4.

Table 3: PC21 Cost Allocations

PC21 - Effluent Transmission Main (ETM) Capacity Summary Reach B/C/D/E (Owned and Maintained by SOCWA)		
Agency	Hydraulic Capacity	Ownership Percentage (%)
ETWD - B/C/D	15	100%
ETWD - E	32.2	100%

Table 4: PC24 Cost Allocations

PC24 - Aliso Creek Ocean Outfall (ACOO) Capacity Summary (Owned and Operated by SOCWA)		
Agency	Hydraulic Capacity (mgd)	Ownership Percent (%)
CLB	5.500	11.00%
EBSB	0.390	0.78%
ETWD	37.955	75.91%
SCWD	6.155	12.31%
Total	50.000	100.00%

MNWD costs have been combined with ETWD costs.

PC 8 (Pretreatment Costs)

All costs remain in the budget with direct costs billed to MNWD, per the Moulton Niguel Water District SOCWA Continued Services Agreement (Agreement #9) based on where labor worked.

PC 12 (Water Reclamation Permits)

The PC12 method of production is detailed by member agency in the following manner.

- City of San Juan Capistrano (CSJC): The acre-foot sum of the Rosembaum well, the Mission Street Well, and the total reclaimed water from the SMWD/CSJC intertie.
- MNWD: The amount of reclaimed water produced from the Regional Treatment Plant (RTP) and the 3A Treatment Plant (split with SMWD).
- South Coast Water District (SCWD): The total reclaimed water produced from the Coastal Treatment Plant (CTP).
- Santa Margarita Water District (SMWD): The combined sum of reclaimed water produced from the 3A Treatment Plant (proportionally split of influent reported with MNWD due to no separate recycled water meters), the Oso Creek Water Reclamation Plant (OCWRP), the Chiquita Water Reclamation Plant (CWRP), and the Nichols Water Reclamation Plant (NWRP).

- Trabuco Canyon Water District (TCWD): Reclaimed water produced from the Robinson Ranch Water Reclamation Plant (RRWRP).

Table 5 summarizes the recycled water produced per facility. The cost allocations are based on the percent of recycled water produced (% RW).

Table 5: PC12 Cost Allocations

PC 12 Recycled Water		
Master Recycled Water Permit		
2024		
Member Agency	**Region 9 Recycled Production** **acft**	**% RW Produced** **%**
MNWD	5125.66	39.53%
SCWD	639.77	4.93%
SMWD	6729.81	51.91%
TCWD	470.24	3.63%
Total	**12965.48**	**100%**

PC 15 Common Costs

MNWD costs have been distributed evenly among the remaining PC15 agencies based on the Coastal Treatment Plant Capacity Rights Transfer Agreement (Agreement No.3).

Table 6: PC15 Cost Allocations

PC15 - Coastal Treatment Plant Capacity Summary (CTP Owned and Operated by SOCWA: AWT is owned by SCWD but operated by SOCWA_			
Agencies	Liquids (mgd)	AWT (%)	Common (%)
CLB	3.64	0	54.30
EBSD	0.2	0	3.00
SCWD	2.86	100	42.70
Total	6.7	100	100

CONCLUSION

This methodology follows the SOCWA Reorganization Agreements dated December 9, 2024, and provides a framework for the FY 25-26 Budget allocations. The adjustments reflect the current operational structure while maintaining compliance with all relevant agreements.

Recommended Action: Staff recommends that the Board of Directors approve the cost allocation methodologies based on the December 9, 2024, Reorganization Agreements to use for O&M costs for Department 01 and Department 02.

Agenda Item 6

Engineering Committee Meeting

Meeting Date: April 10, 2025

TO: Engineering Committee

FROM: Jim Burror, Deputy General Manager/Chief Engineer
and James Jones, Operations Superintendent

SUBJECT: Operations Report

Overview

Verbal update on operations and maintenance activities.

Recommended Action: Information Item.

Agenda Item 7

Engineering Committee Meeting

Meeting Date: April 10, 2025

TO: Engineering Committee

FROM: Jim Burror, Deputy General Manager/Chief Engineer
and Roni Grant, Capital Improvement Program Manager

SUBJECT: Draft Capital Improvement Program Budget for Fiscal Year 2025-26

Overview

The draft Fiscal Year 25-26 Capital Improvement Program (CIP) budget was distributed on March 13, 2025, at the Engineering Committee meeting. The draft budget will be presented at the April Engineering Committee meeting. Staff will be available to answer questions, if any.

Recommended Action: Committee Discussion/Direction and Action.

SOCWA Draft CIP Budget - Updated

April 10, 2025

Agenda Item 7

FY25-26 Summary

FY25-26 Cash Requests(1)	Current Project Phase
$1,235,736	In construction/implementation
$5,091,844	In design
$3,019,901	Planned FY25-26 start
$1,351,000	Planned small capital
$836,000	Non-cap studies
$11,534,480	Total FY25-26 Budget

(1) Does not include ongoing project cash balances from prior Fiscal Years to be refunded in the Use Audit.

Current FY25-26 Versus FY25-26 Planned in FY24-25

	Est. FY25-26 Budget From FY24-25 Budget Book(1)	Proposed FY25-26 Budget	Delta from Budget for FY25-26
Planned Cash Request	$12,309,849	$11,534,480	($775,369)

1) FY25-26 from FY24-25 excludes PC17 except for the planned Lab Renovation Study, and small capital was reduced to $6,000 per year for Regional Treatment Plant-related laboratory equipment to be split with the other PC's.

Current FY25-26 Versus FY25-26 Planned in FY24-25

Member Agency	Proposed FY25-26 Cash Request	FY25-26 Cash Request in FY24-25 Budget	Delta
CLB	$2,242,779	$1,455,155	$787,624
CSC	$4,499	$31,578	($27,079)
EBSD	$124,009	$112,738	$11,271
ETWD	$93,951	$170,571	($76,620)
IRWD (c/o ETWD)	$91,973	$54,470	$37,503
MNWD	$139,694	$6,818,627	($5,106,047)
SCWD	$5,083,318	$3,043,748	$466,684
SMWD	$3,754,256	$4,581,791	($827,535)
Total	$11,534,480	$16,268,678	($4,734,198)

Current FY25-26 Versus FY25-26 Planned in FY24-25

Excludes PC17 from FY23-24 Budget and including Lab Renovation Study and small capital

Member Agency	Proposed FY25-26 Cash Request	FY25-26 Cash Request in FY24-25 Budget	Delta
CLB	$2,242,779	$1,990,207	$252,572
CSC	$4,499	$34,415	($29,916)
EBSD	$124,009	$110,175	$13,834
ETWD	$93,951	$59,304	$34,646
IRWD (c/o ETWD)	$91,973	$56,948	$35,025
MNWD (c/o ETWD)	$113,272	$134,562	($21,289)
MNWD	$26,422	$26,421	$0
SCWD	$3,509,796	$3,470,739	$39,057
MNWD (c/o SCWD)	$1,573,522	$1,809,887	($236,365)
SMWD	$3,753,341	$4,599,804	($846,462)
MNWD (c/o SMWD)	$915	$17,387	($16,472)
Total	$11,534,480	$12,309,849	($775,369)

PC15 Current FY25-26 Versus FY25-26 Planned in FY24-25 (changes due to MNWD withdrawal PC-15)

Member Agency	Proposed FY25-26 Cash Request	FY25-26 Cash Request in FY24-25 Budget	Delta
CLB	$2,229,815	$1,375,069	$854,746
EBSD	$123,194	$108,273	$14,921
MNWD	$0	$1,061,077	($1,061,077)
SCWD	$1,760,464	$1,089,732	$670,733
Total	$4,113,474	$3,634,151	$479,322

Draft CIP Budget Summary Updated

	FY 2025/2026 $MM	FY 2026/2027 $MM	Total $MM
Large Capital	$9.35	$14.64	$23.99
Non & Small Cap	$2.19	$2.19	$4.37
Total	$11.53	$16.83	$28.37

Capital Budget by PC and Agency Updated

PC	Facility	FY 2025/26	FY 2026/27	Total
PC-2	JBL	$7,030,069	$8,179,392	$15,209,462
PC-5	SJCOO	$10,000	$190,000	$200,000
PC15	CTP	$4,113,474	$6,487,515	$10,600,989
Lab	Lab	$75,126	$6,000	$81,126
PC-21	ETM	$250,811	$1,842,987	$2,093,799
PC-24	ACOO	$55,000	$125,000	$180,000
Total		$11,534,480	$16,830,895	$28,365,374

Capital Budget by PC and Agency Updated

Member Agency	FY 2025/26	FY 2026/27	Total
Laguna Beach	$2,242,779	$3,533,222	$5,776,001
San Clemente	$4,499	$31,805	$36,304
Emerald Bay SD	$124,009	$195,421	$319,430
El Toro WD	$93,951	$942,203	$1,036,154
IRWD (c/o ETWD)	$91,973	$941,392	$1,033,365
MNWD (c/o ETWD)	$113,272	$54,810	$168,082
MNWD	$26,422	$2,110	$28,532
South Coast WD	$3,509,796	$4,747,384	$8,257,181
MNWD (c/o SCWD)	$1,573,522	$1,829,482	$3,403,004
Santa Margarita WD	$3,753,341	$4,535,679	$8,289,021
MNWD (c/o SMWD)	$915	$17,387	$18,302
Total	$11,534,480	$16,830,895	$28,365,374

Budget Schedule

- March 11 - Draft 10-Year Spending Plan released
- **March 13 to April 9 – Budget Review Meetings with Agencies, if requested**
- April 8 – Executive Committee Meeting
- April 10 – Presentation to Engineering Committee
- April 15 – Presentation to Finance Committee
- May 1 – Board Meeting (Budget Consideration for Approval)

Discussion & Questions

Table 8.2 -ETWD - Budget (w/small cap and non-cap adjustments in FY29-30 through FY35-36)

		PC 02				PC 05		PC 15			Laboratory				PC 21			PC 24		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,157	$0	$4,157	$41,958	$38,870	$80,828	$8,966	$8,966	$93,951
2	26-27	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$332	$0	$332	$921,494	$0	$921,494	$20,378	$20,378	$942,203
3	27-28	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$332	$0	$332	$0	$0	$0	$4,076	$4,076	$4,407
4	28-29	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$332	$0	$332	$1,271,000	$78,022	$1,349,022	$4,076	$4,076	$1,353,429
5	29-30	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$332	$0	$1,660	$1,686,473	$0	$1,686,473	$216,002	$216,002	$1,904,134
6	30-31	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$332	$0	$332	$0	$0	$0	$1,063,706	$1,063,706	$1,064,037
7	31-32	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$332	$0	$332	$0	$0	$0	$4,076	$4,076	$4,407
8	32-33	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$332	$0	$332	$0	$0	$0	$4,076	$4,076	$4,407
9	33-34	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$332	$0	$332	$0	$0	$0	$77,435	$77,435	$77,766
10	34-35	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$332	$0	$332	$0	$0	$0	$4,076	$4,076	$4,407
11	35-36	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
12	36-37	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Grand Total		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$7,145	$0	$8,472	$3,920,924	$116,892	$4,037,816	$1,406,863	$1,406,863	$5,453,151
Ten Year Total		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$7,145	$0	$8,472	$3,920,924	$116,892	$4,037,816	$1,406,863	$1,406,863	$5,453,151

Table 8.3 -EBSD - Budget (w/small cap and non-cap adjustments in FY29-30 through FY35-36)

		PC 02				PC 05		PC 15			Laboratory				PC 21			PC 24		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26	$0	$0	$0	$0	$0	$0	$123,194	$0	$123,194	$0	$385	$0	$385	$0	$0	$0	$429	$429	$124,009
2	26-27	$0	$0	$0	$0	$0	$0	$194,415	$0	$194,415	$0	$31	$0	$31	$0	$0	$0	$975	$975	$195,421
3	27-28	$0	$0	$0	$0	$0	$0	$126,837	$0	$126,837	$0	$31	$0	$31	$0	$0	$0	$195	$195	$127,063
4	28-29	$0	$0	$0	$0	$0	$0	$304,260	$0	$304,260	$0	$31	$0	$31	$0	$0	$0	$195	$195	$304,486
5	29-30	$0	$0	$0	$0	$0	$0	$144,257	$0	$144,257	$0	$31	$0	$154	$0	$0	$0	$10,335	$10,335	$154,746
6	30-31	$0	$0	$0	$0	$0	$0	$148,947	$0	$148,947	$0	$31	$0	$31	$0	$0	$0	$50,895	$50,895	$199,872
7	31-32	$0	$0	$0	$0	$0	$0	$108,327	$0	$108,327	$0	$31	$0	$31	$0	$0	$0	$195	$195	$108,553
8	32-33	$0	$0	$0	$0	$0	$0	$69,711	$0	$69,711	$0	$31	$0	$31	$0	$0	$0	$195	$195	$69,937
9	33-34	$0	$0	$0	$0	$0	$0	$114,690	$0	$114,690	$0	$31	$0	$31	$0	$0	$0	$3,705	$3,705	$118,426
10	34-35	$0	$0	$0	$0	$0	$0	$21,990	$0	$21,990	$0	$31	$0	$31	$0	$0	$0	$195	$195	$22,216
11	35-36	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
12	36-37	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Grand Total		$0	$0	$0	$0	$0	$0	$1,356,628	$0	$1,356,628	$0	$662	$0	$786	$0	$0	$0	$67,314	$67,314	$1,424,728
Ten Year Total		$0	$0	$0	$0	$0	$0	$1,356,628	$0	$1,356,628	$0	$662	$0	$786	$0	$0	$0	$67,314	$67,314	$1,424,728

Table 8.4 IRWD CO/ETWD - Budget (w/small cap and non-cap adjustments in FY29-30 through FY35-36)

		PC 02				PC 05		PC 15			Laboratory				PC 21			PC 24		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,478	$0	$2,478	$41,958	$38,870	$80,828	$8,668	$8,668	$91,973
2	26-27	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$198	$0	$198	$921,494	$0	$921,494	$19,700	$19,700	$941,392
3	27-28	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$198	$0	$198	$0	$0	$0	$3,940	$3,940	$4,138
4	28-29	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$198	$0	$198	$1,271,000	$78,022	$1,349,022	$3,940	$3,940	$1,353,159
5	29-30	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$198	$0	$989	$1,686,473	$0	$1,686,473	$208,820	$208,820	$1,896,282
6	30-31	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$198	$0	$198	$0	$0	$0	$1,028,340	$1,028,340	$1,028,538
7	31-32	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$198	$0	$198	$0	$0	$0	$3,940	$3,940	$4,138
8	32-33	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$198	$0	$198	$0	$0	$0	$3,940	$3,940	$4,138
9	33-34	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$198	$0	$198	$0	$0	$0	$74,860	$74,860	$75,058
10	34-35	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$198	$0	$198	$0	$0	$0	$3,940	$3,940	$4,138
11	35-36	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
12	36-37	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Grand Total		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,259	$0	$5,050	$3,920,924	$116,892	$4,037,816	$1,360,088	$1,360,088	$5,402,954
Ten Year Total		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,259	$0	$5,050	$3,920,924	$116,892	$4,037,816	$1,360,088	$1,360,088	$5,402,954

Table 8.5 CLB - Budget (w/small cap and non-cap adjustments in FY29-30 through FY35-36)

		PC 02				PC 05		PC 15			Laboratory				PC 21			PC 24		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26	$0	$0	$0	$0	$0	$0	$2,229,815	$0	$2,229,815	$0	$6,914	$0	$6,914	$0	$0	$0	$6,050	$6,050	$2,242,779
2	26-27	$0	$0	$0	$0	$0	$0	$3,518,920	$0	$3,518,920	$0	$552	$0	$552	$0	$0	$0	$13,750	$13,750	$3,533,222
3	27-28	$0	$0	$0	$0	$0	$0	$2,295,750	$0	$2,295,750	$0	$552	$0	$552	$0	$0	$0	$2,750	$2,750	$2,299,052
4	28-29	$0	$0	$0	$0	$0	$0	$5,507,106	$0	$5,507,106	$0	$552	$0	$552	$0	$0	$0	$2,750	$2,750	$5,510,408
5	29-30	$0	$0	$0	$0	$0	$0	$2,611,057	$0	$2,611,057	$0	$552	$0	$2,761	$0	$0	$0	$145,750	$145,750	$2,759,568
6	30-31	$0	$0	$0	$0	$0	$0	$2,695,933	$0	$2,695,933	$0	$552	$0	$552	$0	$0	$0	$717,750	$717,750	$3,414,235
7	31-32	$0	$0	$0	$0	$0	$0	$1,960,719	$0	$1,960,719	$0	$552	$0	$552	$0	$0	$0	$2,750	$2,750	$1,964,021
8	32-33	$0	$0	$0	$0	$0	$0	$1,261,769	$0	$1,261,769	$0	$552	$0	$552	$0	$0	$0	$2,750	$2,750	$1,265,071
9	33-34	$0	$0	$0	$0	$0	$0	$2,075,889	$0	$2,075,889	$0	$552	$0	$552	$0	$0	$0	$52,250	$52,250	$2,128,691
10	34-35	$0	$0	$0	$0	$0	$0	$398,019	$0	$398,019	$0	$552	$0	$552	$0	$0	$0	$2,750	$2,750	$401,321
11	35-36	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
12	36-37	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Grand Total		$0	$0	$0	$0	$0	$0	$24,554,976	$0	$24,554,976	$0	$11,883	$0	$14,092	$0	$0	$0	$949,300	$949,300	$25,518,368
Ten Year Total		$0	$0	$0	$0	$0	$0	$24,554,976	$0	$24,554,976	$0	$11,883	$0	$14,092	$0	$0	$0	$949,300	$949,300	$25,518,368

Table 8.6 MNWD CO/ SCWD, SMWD && ETWD - Budget (w/small cap and non-cap adjustments in FY29-30 through FY35-36)

		PC 02 (CO/ SCWD)				PC 05 (CO/ (1))		PC 15			Laboratory				PC 21 (CO/ ETWD)			PC 24 (CO/ETWD)		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26	$746,645	$177,695	$648,546	$1,572,886	$1,551	$1,551	$0	$0	$0	$0	$26,422	$0	$26,422	$0	$89,156	$89,156	$24,116	$24,116	$1,714,131
2	26-27	$747,439	$53,638	$1,016,322	$1,817,399	$29,469	$29,469	$0	$0	$0	$0	$2,110	$0	$2,110	$0	$0	$0	$54,810	$54,810	$1,903,789
3	27-28	$4,079,671	$755,375	$1,972,827	$6,807,873	$31,020	$31,020	$0	$0	$0	$0	$2,110	$0	$2,110	$0	$0	$0	$10,962	$10,962	$6,851,965
4	28-29	$2,221,853	$297,281	$54,703	$2,573,838	$3,878	$3,878	$0	$0	$0	$0	$2,110	$0	$2,110	$0	$178,957	$178,957	$10,962	$10,962	$2,769,744
5	29-30	$1,536,430	$53,638	$54,703	$1,644,771	$258,629	$258,629	$0	$0	$0	$0	$2,110	$0	$10,551	$1,266,054	$0	$1,266,054	$580,986	$580,986	$3,760,991
6	30-31	$113,538	$53,638	$1,326,690	$1,493,866	$3,878	$3,878	$0	$0	$0	$0	$2,110	$0	$2,110	$0	$0	$0	$2,861,082	$2,861,082	$4,360,936
7	31-32	$702,870	$53,638	$2,248,919	$3,005,428	$3,878	$3,878	$0	$0	$0	$0	$2,110	$0	$2,110	$0	$0	$0	$10,962	$10,962	$3,022,378
8	32-33	$245,921	$53,638	$54,703	$354,262	$3,878	$3,878	$0	$0	$0	$0	$2,110	$0	$2,110	$0	$0	$0	$10,962	$10,962	$371,212
9	33-34	$113,538	$397,781	$54,703	$566,022	$3,878	$3,878	$0	$0	$0	$0	$2,110	$0	$2,110	$0	$0	$0	$208,278	$208,278	$780,288
10	34-35	$113,538	$53,638	$54,703	$221,879	$3,878	$3,878	$0	$0	$0	$0	$2,110	$0	$2,110	$0	$0	$0	$10,962	$10,962	$238,829
11	35-36	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
12	36-37	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Grand Total		$10,621,445	$1,949,962	$7,486,818	$20,058,225	$343,934	$343,934	$0	$0	$0	$0	$45,413	$0	$53,854	$1,266,054	$268,113	$1,534,167	$3,784,082	$3,784,082	$25,774,262
Ten Year Total		$10,621,445	$1,949,962	$7,486,818	$20,058,225	$343,934	$343,934	$0	$0	$0	$0	$45,413	$0	$53,854	$1,266,054	$268,113	$1,534,167	$3,784,082	$3,784,082	$25,774,262

(1) SJCO Outfall shall be allocated 59% from SMWD and 41 % from SCWD per ASSIGNMENT AND ASSUMPTION AGREEMENT (Agreement #6) PC5.

Table 8.7 CSC - Budget (w/small cap and non-cap adjustments in FY29-30 through FY35-36)

		PC 02				PC 05		PC 15			Laboratory				PC 21			PC 24		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26	$0	$0	$0	$0	$1,662	$1,662	$0	$0	$0	$0	$2,837	$0	$2,837	$0	$0	$0	$0	$0	$4,499
2	26-27	$0	$0	$0	$0	$31,578	$31,578	$0	$0	$0	$0	$227	$0	$227	$0	$0	$0	$0	$0	$31,805
3	27-28	$0	$0	$0	$0	$33,240	$33,240	$0	$0	$0	$0	$227	$0	$227	$0	$0	$0	$0	$0	$33,467
4	28-29	$0	$0	$0	$0	$4,155	$4,155	$0	$0	$0	$0	$227	$0	$227	$0	$0	$0	$0	$0	$4,382
5	29-30	$0	$0	$0	$0	$277,139	$277,139	$0	$0	$0	$0	$227	$0	$1,133	$0	$0	$0	$0	$0	$278,272
6	30-31	$0	$0	$0	$0	$4,155	$4,155	$0	$0	$0	$0	$227	$0	$227	$0	$0	$0	$0	$0	$4,382
7	31-32	$0	$0	$0	$0	$4,155	$4,155	$0	$0	$0	$0	$227	$0	$227	$0	$0	$0	$0	$0	$4,382
8	32-33	$0	$0	$0	$0	$4,155	$4,155	$0	$0	$0	$0	$227	$0	$227	$0	$0	$0	$0	$0	$4,382
9	33-34	$0	$0	$0	$0	$4,155	$4,155	$0	$0	$0	$0	$227	$0	$227	$0	$0	$0	$0	$0	$4,382
10	34-35	$0	$0	$0	$0	$4,155	$4,155	$0	$0	$0	$0	$227	$0	$227	$0	$0	$0	$0	$0	$4,382
11	35-36	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
12	36-37	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Grand Total		$0	$0	$0	$0	$368,549	$368,549	$0	$0	$0	$0	$4,877	$0	$5,784	$0	$0	$0	$0	$0	$374,332
Ten Year Total		$0	$0	$0	$0	$368,549	$368,549	$0	$0	$0	$0	$4,877	$0	$5,784	$0	$0	$0	$0	$0	$374,332

Table 8.8 CSJC - Budget (w/small cap and non-cap adjustments in FY29-30 through FY35-36) to SMWD

		PC 02				PC 05		PC 15			Laboratory				PC 21			PC 24		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2	26-27	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	27-28	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
4	28-29	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
5	29-30	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
6	30-31	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
7	31-32	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
8	32-33	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9	33-34	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
10	34-35	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
11	35-36	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
12	36-37	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Grand Total		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Ten Year Total		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

Table 8.9 SMWD - Budget (w/small cap and non-cap adjustments in FY29-30 through FY35-36)

		PC 02				PC 05		PC 15			Laboratory				PC 21			PC 24		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26	$1,555,510	$423,204	$1,751,075	$3,729,789	$5,540	$5,540	$0	$0	$0	$0	$18,013	$0	$18,013	$0	$0	$0	$0	$0	$3,753,341
2	26-27	$1,557,164	$127,746	$2,744,070	$4,428,981	$105,260	$105,260	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$4,535,679
3	27-28	$8,499,315	$1,799,022	$5,326,633	$15,624,970	$110,800	$110,800	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$15,737,209
4	28-29	$4,628,861	$708,014	$147,697	$5,484,572	$13,850	$13,850	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$5,499,861
5	29-30	$3,200,895	$127,746	$147,697	$3,476,339	$923,795	$923,795	$0	$0	$0	$0	$1,439	$0	$7,193	$0	$0	$0	$0	$0	$4,407,327
6	30-31	$236,538	$127,746	$3,582,062	$3,946,347	$13,850	$13,850	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$3,961,636
7	31-32	$1,464,313	$127,746	$6,072,082	$7,664,142	$13,850	$13,850	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$7,679,430
8	32-33	$512,336	$127,746	$147,697	$787,779	$13,850	$13,850	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$803,068
9	33-34	$236,538	$947,366	$147,697	$1,331,601	$13,850	$13,850	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$1,346,890
10	34-35	$236,538	$127,746	$147,697	$511,982	$13,850	$13,850	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$527,271
11	35-36	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
12	36-37	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Grand Total		$22,128,010	$4,644,084	$20,214,408	$46,986,502	$1,228,495	$1,228,495	$0	$0	$0	$0	$30,960	$0	$36,715	$0	$0	$0	$0	$0	$48,251,712
Ten Year Total		$22,128,010	$4,644,084	$20,214,408	$46,986,502	$1,228,495	$1,228,495	$0	$0	$0	$0	$30,960	$0	$36,715	$0	$0	$0	$0	$0	$48,251,712

Table 8.10 SCWD - Budget (w/small cap and non-cap adjustments in FY29-30 through FY35-36)

		PC 02				PC 05		PC 15			Laboratory				PC 21			PC 24		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26	$933,306	$194,184	$599,905	$1,727,395	$1,247	$1,247	$1,753,464	$7,000	$1,760,464	$0	$13,920	$0	$13,920	$0	$0	$0	$6,771	$6,771	$3,509,796
2	26-27	$934,299	$58,615	$940,098	$1,933,012	$23,693	$23,693	$2,767,180	$7,000	$2,774,180	$0	$1,112	$0	$1,112	$0	$0	$0	$15,388	$15,388	$4,747,384
3	27-28	$5,099,589	$825,467	$1,824,865	$7,749,921	$24,940	$24,940	$1,805,313	$239,500	$2,044,813	$0	$1,112	$0	$1,112	$0	$0	$0	$3,078	$3,078	$9,823,863
4	28-29	$2,777,317	$324,866	$50,600	$3,152,783	$3,118	$3,118	$4,330,634	$565,900	$4,896,534	$0	$1,112	$0	$1,112	$0	$0	$0	$3,078	$3,078	$8,056,624
5	29-30	$1,920,537	$58,615	$50,600	$2,029,753	$207,937	$207,937	$2,053,262	$7,000	$2,060,262	$0	$1,112	$0	$5,559	$0	$0	$0	$163,108	$163,108	$4,466,618
6	30-31	$141,923	$58,615	$1,227,188	$1,427,726	$3,118	$3,118	$2,120,006	$2,317,543	$4,437,549	$0	$1,112	$0	$1,112	$0	$0	$0	$803,228	$803,228	$6,672,732
7	31-32	$878,588	$58,615	$2,080,250	$3,017,454	$3,118	$3,118	$1,541,854	$7,000	$1,548,854	$0	$1,112	$0	$1,112	$0	$0	$0	$3,078	$3,078	$4,573,615
8	32-33	$307,401	$58,615	$50,600	$416,617	$3,118	$3,118	$992,220	$7,000	$999,220	$0	$1,112	$0	$1,112	$0	$0	$0	$3,078	$3,078	$1,423,144
9	33-34	$141,923	$434,691	$50,600	$627,214	$3,118	$3,118	$1,632,421	$267,700	$1,900,121	$0	$1,112	$0	$1,112	$0	$0	$0	$58,473	$58,473	$2,590,037
10	34-35	$141,923	$58,615	$50,600	$251,138	$3,118	$3,118	$312,991	$7,000	$319,991	$0	$1,112	$0	$1,112	$0	$0	$0	$3,078	$3,078	$578,436
11	35-36	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
12	36-37	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Grand Total		$13,276,806	$2,130,900	$6,925,307	$22,333,013	$276,522	$276,522	$19,309,346	$3,432,643	$22,741,989	$0	$23,926	$0	$28,373	$0	$0	$0	$1,062,353	$1,062,353	$46,442,250
Ten Year Total		$13,276,806	$2,130,900	$6,925,307	$22,333,013	$276,522	$276,522	$19,309,346	$3,432,643	$22,741,989	$0	$23,926	$0	$28,373	$0	$0	$0	$1,062,353	$1,062,353	$46,442,250

Table 8.2, Table 8.4, and Part of Table 8.6 Totals NEW ETWD & IRWD & MNWD - Budget (w/small cap and non-cap adjustments in FY29-30 through FY35-36)

		PC 02				PC 05		PC 15			Laboratory				PC 21			PC 24		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$6,634	$0	$6,634	$83,915	$166,896	$250,811	$41,751	$41,751	$299,196
2	26-27	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$530	$0	$530	$1,842,987	$0	$1,842,987	$94,888	$94,888	$1,938,405
3	27-28	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$530	$0	$530	$0	$0	$0	$18,978	$18,978	$19,507
4	28-29	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$530	$0	$530	$2,542,000	$335,000	$2,877,000	$18,978	$18,978	$2,896,507
5	29-30	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$530	$0	$2,649	$4,639,000	$0	$4,639,000	$1,005,808	$1,005,808	$5,647,457
6	30-31	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$530	$0	$530	$0	$0	$0	$4,953,128	$4,953,128	$4,953,657
7	31-32	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$530	$0	$530	$0	$0	$0	$18,978	$18,978	$19,507
8	32-33	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$530	$0	$530	$0	$0	$0	$18,978	$18,978	$19,507
9	33-34	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$530	$0	$530	$0	$0	$0	$360,573	$360,573	$361,102
10	34-35	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$530	$0	$530	$0	$0	$0	$18,978	$18,978	$19,507
11	35-36	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
12	36-37	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Grand Total		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$11,403	$0	$13,523	$9,107,903	$501,896	$9,609,799	$6,551,033	$6,551,033	$16,174,354
Ten Year Total		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$11,403	$0	$13,523	$9,107,903	$501,896	$9,609,799	$6,551,033	$6,551,033	$16,174,354

Table 8.9 and Part of Table 8.6 Totals NEW SMWD & MNWD(1) - Budget (w/small cap and non-cap adjustments in FY29-30 through FY35-36)

		PC 02				PC 05(1)		PC 15			Laboratory				PC 21			PC 24		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26	$1,555,510	$423,204	$1,751,075	$3,729,789	$6,455	$6,455	$0	$0	$0	$0	$18,013	$0	$18,013	$0	$0	$0	$0	$0	$3,754,256
2	26-27	$1,557,164	$127,746	$2,744,070	$4,428,981	$122,647	$122,647	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$4,553,066
3	27-28	$8,499,315	$1,799,022	$5,326,633	$15,624,970	$129,102	$129,102	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$15,755,510
4	28-29	$4,628,861	$708,014	$147,697	$5,484,572	$16,138	$16,138	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$5,502,149
5	29-30	$3,200,895	$127,746	$147,697	$3,476,339	$1,076,386	$1,076,386	$0	$0	$0	$0	$1,439	$0	$7,193	$0	$0	$0	$0	$0	$4,559,918
6	30-31	$236,538	$127,746	$3,582,062	$3,946,347	$16,138	$16,138	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$3,963,923
7	31-32	$1,464,313	$127,746	$6,072,082	$7,664,142	$16,138	$16,138	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$7,681,718
8	32-33	$512,336	$127,746	$147,697	$787,779	$16,138	$16,138	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$805,356
9	33-34	$236,538	$947,366	$147,697	$1,331,601	$16,138	$16,138	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$1,349,178
10	34-35	$236,538	$127,746	$147,697	$511,982	$16,138	$16,138	$0	$0	$0	$0	$1,439	$0	$1,439	$0	$0	$0	$0	$0	$529,558
11	35-36	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
12	36-37	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Grand Total		$22,128,010	$4,644,084	$20,214,408	$46,986,502	$1,431,416	$1,431,416	$0	$0	$0	$0	$30,960	$0	$36,715	$0	$0	$0	$0	$0	$48,454,633
Ten Year Total		$22,128,010	$4,644,084	$20,214,408	$46,986,502	$1,431,416	$1,431,416	$0	$0	$0	$0	$30,960	$0	$36,715	$0	$0	$0	$0	$0	$48,454,633

(1) SJCO Outfall shall be allocated 59% from SMWD and 41 % from SCWD per ASSIGNMENT AND ASSUMPTION AGREEMENT (Agreement #6) PC5.

Table 8.10 and Part of Table 8.6 NEW SCWD & MNWD(1) - Budget (w/small cap and non-cap adjustments in FY29-30 through FY35-36)

		PC 02				PC 05(1)		PC 15			Laboratory				PC 21			PC 24		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26	$1,679,950	$371,879	$1,248,452	$3,300,281	$1,883	$1,883	$1,753,464	$7,000	$1,760,464	$0	$13,920	$0	$13,920	$0	$0	$0	$6,771	$6,771	$5,083,318
2	26-27	$1,681,738	$112,254	$1,956,420	$3,750,411	$35,775	$35,775	$2,767,180	$7,000	$2,774,180	$0	$1,112	$0	$1,112	$0	$0	$0	$15,388	$15,388	$6,576,866
3	27-28	$9,179,261	$1,580,842	$3,797,692	$14,557,794	$37,658	$37,658	$1,805,313	$239,500	$2,044,813	$0	$1,112	$0	$1,112	$0	$0	$0	$3,078	$3,078	$16,644,455
4	28-29	$4,999,170	$622,148	$105,303	$5,726,621	$4,707	$4,707	$4,330,634	$565,900	$4,896,534	$0	$1,112	$0	$1,112	$0	$0	$0	$3,078	$3,078	$10,632,051
5	29-30	$3,456,967	$112,254	$105,303	$3,674,523	$313,975	$313,975	$2,053,262	$7,000	$2,060,262	$0	$1,112	$0	$5,559	$0	$0	$0	$163,108	$163,108	$6,217,427
6	30-31	$255,462	$112,254	$2,553,878	$2,921,593	$4,707	$4,707	$2,120,006	$2,317,543	$4,437,549	$0	$1,112	$0	$1,112	$0	$0	$0	$803,228	$803,228	$8,168,188
7	31-32	$1,581,458	$112,254	$4,329,170	$6,022,882	$4,707	$4,707	$1,541,854	$7,000	$1,548,854	$0	$1,112	$0	$1,112	$0	$0	$0	$3,078	$3,078	$7,580,632
8	32-33	$553,323	$112,254	$105,303	$770,879	$4,707	$4,707	$992,220	$7,000	$999,220	$0	$1,112	$0	$1,112	$0	$0	$0	$3,078	$3,078	$1,778,995
9	33-34	$255,462	$832,472	$105,303	$1,193,236	$4,707	$4,707	$1,632,421	$267,700	$1,900,121	$0	$1,112	$0	$1,112	$0	$0	$0	$58,473	$58,473	$3,157,648
10	34-35	$255,462	$112,254	$105,303	$473,018	$4,707	$4,707	$312,991	$7,000	$319,991	$0	$1,112	$0	$1,112	$0	$0	$0	$3,078	$3,078	$801,905
11	35-36	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
12	36-37	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Grand Total		$23,898,251	$4,080,862	$14,412,124	$42,391,238	$417,535	$417,535	$19,309,346	$3,432,643	$22,741,989	$0	$23,926	$0	$28,373	$0	$0	$0	$1,062,353	$1,062,353	$66,641,487
Ten Year Total		$23,898,251	$4,080,862	$14,412,124	$42,391,238	$417,535	$417,535	$19,309,346	$3,432,643	$22,741,989	$0	$23,926	$0	$28,373	$0	$0	$0	$1,062,353	$1,062,353	$66,641,487

(1) SJCO Outfall shall be allocated 59% from SMWD and 41 % from SCWD per ASSIGNMENT AND ASSUMPTION AGREEMENT (Agreement #6) PC5.

Table 8.4, Totals NEW ETWD only CO IRWD (w/small cap and non-cap adjustments in FY29-30 through FY35-36)

		PC 02				PC 05		PC 15			Laboratory				PC 21			PC 24		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26														$41,958	$38,870	$80,828	$8,668	$8,668	$89,496
2	26-27														$921,494	$0	$921,494	$19,700	$19,700	$941,194
3	27-28														$0	$0	$0	$3,940	$3,940	$3,940
4	28-29														$1,271,000	$78,022	$1,349,022	$3,940	$3,940	$1,352,962
5	29-30														$1,686,473	$0	$1,686,473	$208,820	$208,820	$1,895,293
6	30-31														$0	$0	$0	$1,028,340	$1,028,340	$1,028,340
7	31-32														$0	$0	$0	$3,940	$3,940	$3,940
8	32-33														$0	$0	$0	$3,940	$3,940	$3,940
9	33-34														$0	$0	$0	$74,860	$74,860	$74,860
10	34-35														$0	$0	$0	$3,940	$3,940	$3,940
11	35-36														$0	$0	$0	$0	$0	$0
12	36-37														$0	$0	$0	$0	$0	$0
Grand Total															$3,920,924	$116,892	$4,037,816	$1,360,088	$1,360,088	$5,397,904
Ten Year Total															$3,920,924	$116,892	$4,037,816	$1,360,088	$1,360,088	$5,397,904

Table 8.6, Totals NEW ETWD only CO MNWD (w/small cap and non-cap adjustments in FY29-30 through FY35-36)

		PC 02				PC 05		PC 15			Laboratory				PC 21			PC 24		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26														$0	$89,156	$89,156	$24,116	$24,116	$113,272
2	26-27														$0	$0	$0	$54,810	$54,810	$54,810
3	27-28														$0	$0	$0	$10,962	$10,962	$10,962
4	28-29														$0	$178,957	$178,957	$10,962	$10,962	$189,919
5	29-30														$1,266,054	$0	$1,266,054	$580,986	$580,986	$1,847,040
6	30-31														$0	$0	$0	$2,861,082	$2,861,082	$2,861,082
7	31-32														$0	$0	$0	$10,962	$10,962	$10,962
8	32-33														$0	$0	$0	$10,962	$10,962	$10,962
9	33-34														$0	$0	$0	$208,278	$208,278	$208,278
10	34-35														$0	$0	$0	$10,962	$10,962	$10,962
11	35-36														$0	$0	$0	$0	$0	$0
12	36-37														$0	$0	$0	$0	$0	$0
Grand Total															$1,266,054	$268,113	$1,534,167	$3,784,082	$3,784,082	$5,318,249
Ten Year Total															$1,266,054	$268,113	$1,534,167	$3,784,082	$3,784,082	$5,318,249

Table 8.6 Totals NEW SMWD (only MNWD(1) - Budget (w/small cap and non-cap adjustments in FY29-30 through FY35-36)

		PC 02				PC 05(1)		PC 15			Laboratory				PC 21			PC 24		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26	$746,645	$177,695	$648,546	$648,546	$915	$915													$649,461
2	26-27	$747,439	$53,638	$1,016,322	$1,016,322	$17,387	$17,387													$1,033,709
3	27-28	$4,079,671	$755,375	$1,972,827	$1,972,827	$18,302	$18,302													$1,991,129
4	28-29	$2,221,853	$297,281	$54,703	$54,703	$2,288	$2,288													$56,990
5	29-30	$1,536,430	$53,638	$54,703	$54,703	$152,591	$152,591													$207,294
6	30-31	$113,538	$53,638	$1,326,690	$1,326,690	$2,288	$2,288													$1,328,977
7	31-32	$702,870	$53,638	$2,248,919	$2,248,919	$2,288	$2,288													$2,251,207
8	32-33	$245,921	$53,638	$54,703	$54,703	$2,288	$2,288													$56,990
9	33-34	$113,538	$397,781	$54,703	$54,703	$2,288	$2,288													$56,990
10	34-35	$113,538	$53,638	$54,703	$54,703	$2,288	$2,288													$56,990
11	35-36	$0	$0	$0	$0	$0	$0													$0
12	36-37	$0	$0	$0	$0	$0	$0													$0
Grand Total		$10,621,445	$1,949,962	$7,486,818	$7,486,818	$202,921	$202,921													$7,689,739
Ten Year Total		$10,621,445	$1,949,962	$7,486,818	$7,486,818	$202,921	$202,921													$7,689,739

(1) SJCO Outfall shall be allocated 59% from SMWD and 41 % from SCWD per ASSIGNMENT AND ASSUMPTION AGREEMENT (Agreement #6) PC5.

Table 8.6 Totals NEW SCWD (only MNWD(1) - Budget (w/small cap and non-cap adjustments in FY29-30 through FY35-36)

		PC 02				PC 05(1)		PC 15			Laboratory				PC 21			PC 24		
Year	Fiscal Year	Liquids	Common	Solids	PC 02 Total	Outfall	PC 05 Total	Liquids	AWT	PC 15 Total	Liquids	Common	Solids	Lab Total	B/C/D	E	PC 21 Total	Outfall	PC 24 Total	Grand Total
1	25-26					$636	$636													$636
2	26-27					$12,082	$12,082													$12,082
3	27-28					$12,718	$12,718													$12,718
4	28-29					$1,590	$1,590													$1,590
5	29-30					$106,038	$106,038													$106,038
6	30-31					$1,590	$1,590													$1,590
7	31-32					$1,590	$1,590													$1,590
8	32-33					$1,590	$1,590													$1,590
9	33-34					$1,590	$1,590													$1,590
10	34-35					$1,590	$1,590													$1,590
11	35-36					$0	$0													$0
12	36-37					$0	$0													$0
Grand Total						$141,013	$141,013													$141,013
Ten Year Total						$141,013	$141,013													$141,013

(1) SJCO Outfall shall be allocated 59% from SMWD and 41 % from SCWD per ASSIGNMENT AND ASSUMPTION AGREEMENT (Agreement #6) PC5.

South Orange County Wastewater Authority
Large Capital Projects FY25-26

PROJECT BUDGETS

Project Title	Project ID	Allocation	Proposed Project Budget	thru 6/30/2025	Remaining Budget	FY25-26 Budget	FY26-27 Budget	FY27-28 Budget	FY28-29 Budget	FY29-30 Budget	Thereafter
PC02											
3215-000 MCC M Replacement	3215-000	Liquids	$1,406,903	$184,903	$1,222,000	$500,000	$722,000	$0	$0	$0	$0
3252-000 - Plant 1 Standby Power Generator Repl (2017)	3252-000	Liquids	$3,000,000	$330,000	$2,670,000	$500,000	$2,170,000	$0	$0	$0	$0
32231L-000 MCC G Replacement	32231L-000	Liquids	$377,000	$5,000	$372,000	$372,000	$0	$0	$0	$0	$0
32235L-000 Effluent PS Electrical Rehabilitation	32235L-000	Liquids	$250,000	$65,000	$185,000	$185,000	$0	$0	$0	$0	$0
3285-000 - Main Plant Drain Line Reconstruction (2018)	3285-000	Liquids	$500,000	$25,000	$475,000	$475,000	$0	$0	$0	$0	$0
32234L-000 Chlorine Contact Basin Isolation Gates and Structural Rehab	32234L-000	Liquids	$165,736	$12,735	$153,000	$153,000	$0	$0	$0	$0	$0
32241L-000 Effluent PS Storage and Staging Area	32241L-000	Liquids	$250,000	$33,000	$217,000	$217,000	$0	$0	$0	$0	$0
32226L-000 - Effluent Pump Station Upgrades	32226L-000	Liquids	$950,000	$58,000	$892,000	$892,000	$0	$0	$0	$0	$0
32232S-000 Buried Digester and Flare Gasline Replacement	32232S-000	Solids	$125,000	$27,000	$98,000	$98,000	$0	$0	$0	$0	$0
32234S-000 JBL Heat exchanger #4 pipe replacement	32234S-000	Solids	$75,000	$0	$75,000	$75,000	$0	$0	$0	$0	$0
32243L-000 - Plant 2 Headworks Rehabilitation	32243L-000	Liquids	$1,500,000	$200,000	$1,300,000	$1,300,000	$0	$0	$0	$0	$0
32225S-000 - JBL Energy Building Upgrades	32225S-000	Solids	$1,163,000	$62,000	$1,101,000	$1,101,000	$0	$0	$0	$0	$0
32225C-000 - JBL Energy Building Upgrades	32225C-000	Common	$542,000	$5,000	$537,000	$537,000	$0	$0	$0	$0	$0
3216-000 - Hoist System for Maintenance Shop (2013)	3216-000	Common	$250,000	$29,000	$221,000	$221,000	$0	$0	$0	$0	$0
32261L-000 Plant 1 and 2 Grit Assessment	32261L-000	Liquids	$50,000	$0	$50,000	$50,000	$0	$0	$0	$0	$0
Digester 3 and 4 Upgrades and Coatings	32236S-000	Solids	$500,000	$0	$500,000	$0	$500,000	$0	$0	$0	$0
32224S Dewatering System, Truck Loading Area, and MCC 2 & CF Reconstruction	32224S	Solids	$3,000,000	$0	$3,000,000	$0	$1,500,000	$1,500,000	$0	$0	$0
32231S-000 - Gas Flare Replacement	32231S-000	Solids	$1,537,790	$0	$1,537,790	$537,790	$500,000	$500,000	$0	$0	$0
32261S-000 Odor Control Scrubber No.2 Replacement	32261S-000	Solids	$2,000,000	$0	$2,000,000	$1,000,000	$1,000,000	$0	$0	$0	$0
2540 Dewatering System Replacement	2540	Solids	$5,516,000	$0	$5,516,000	$0	$516,000	$5,000,000	$0	$0	$0
32262L-000 DAF Polymer System Upgrade	32262L-000	Liquids	$741,000	$0	$741,000	$0	$741,000	$0	$0	$0	$0
32263S-000 Buried Digester Piping Reconstruction	32263S-000	Solids	$806,490	$0	$806,490	$0	$306,490	$500,000	$0	$0	$0
32264S-000 Dewatering Polymer System Upgrade	32264S-000	Solids	$250,000	$0	$250,000	$0	$125,000	$125,000	$0	$0	$0
2055 Plant 1 Headworks Upgrade	2055	Liquids	$2,006,000	$0	$2,006,000	$0	$0	$1,006,000	$1,000,000	$0	$0
32233L-000 Plant 1 Grit Handling (2017)	32233L	Liquids	$744,364	$0	$744,364	$0	$0	$744,364	$0	$0	$0
2051 Influent Diversion Structure Upgrade	2051	Liquids	$473,000	$0	$473,000	$0	$0	$473,000	$0	$0	$0
2080 Odor Control Scrubber No.3 Installation	2080	Liquids	$196,000	$0	$196,000	$0	$0	$196,000	$0	$0	$0
2081 Sodium Hypochlorite System Reconstruction	2081	Liquids	$720,000	$0	$720,000	$0	$0	$720,000	$0	$0	$0
2090 Odor Control Scrubber No.1 Replacement	2090	Liquids	$1,127,000	$0	$1,127,000	$0	$0	$0	$1,127,000	$0	$0
2101 Effluent Pump VFD Replacement	2101	Liquids	$327,000	$0	$327,000	$0	$0	$327,000	$0	$0	$0
2521 Odor Control Scrubber No.4 Installation	2521	Liquids	$171,000	$0	$171,000	$0	$0	$171,000	$0	$0	$0
2060 Plant 1 Raw Sewage Pump Station Upgrade	2060	Liquids	$1,691,802	$0	$1,691,802	$0	$0	$0	$1,691,802	$0	$0
2061 Plant 1 Raw Sewage Pump VFD Upgrade	2061	Liquids	$166,404	$0	$166,404	$0	$0	$166,404	$0	$0	$0
2062 Plant 1 RAS and WAS Pump System Upgrade	2062	Liquids	$1,164,736	$0	$1,164,736	$0	$0	$1,164,736	$0	$0	$0
2063 Plant 1 Primary Sludge Pumping Upgrade	2063	Liquids	$676,899	$0	$676,899	$0	$0	$676,899	$0	$0	$0
2096 Plant 1 Liquids Buried Piping Reconstruction	2096	Liquids	$400,000	$0	$400,000	$0	$0	$400,000	$0	$0	$0
2064 Plant 1 Aeration Blower System Replacement	2064	Liquids	$525,000	$0	$525,000	$0	$0	$525,000	$0	$0	$0
32221L Plant 1 Grit, MCC A-1, & Blower Building Upgrades	32221L	Liquids	$6,256,220	$0	$6,256,220	$0	$0	$3,256,220	$3,000,000	$0	$0
2065 MCC-A-1 Replacement	2065	Liquids	$569,372	$0	$569,372	$0	$0	$569,372	$0	$0	$0
SC-02L PC 2 Liquids Small Cap	SC-02L	Liquids	$3,920,000	$0	$3,920,000	$392,000	$392,000	$392,000	$392,000	$392,000	$1,960,000
SC-02C PC 2 Common Small Cap	SC-02C	Common	$1,400,000	$0	$1,400,000	$140,000	$140,000	$140,000	$140,000	$140,000	$700,000
SC-02S PC 2 Solids Small Cap	SC-02S	Solids	$1,530,000	$0	$1,530,000	$153,000	$153,000	$153,000	$153,000	$153,000	$765,000
Non-Cap Liquids (including assessments)	4XXXXL	Liquids	$916,000	$0	$916,000	$16,000	$100,000	$100,000	$100,000	$100,000	$500,000
Non-Cap Common (including assessments and Facility Plan Updates)	4XXXXC	Common	$2,380,000	$0	$2,380,000	$280,000	$100,000	$700,000	$700,000	$100,000	$500,000
Non-Cap Solids (including assessments)	4XXXXS	Solids	$922,000	$0	$922,000	$22,000	$100,000	$100,000	$100,000	$100,000	$500,000
Updated TYCIP											
2529 MCC B Replacement	2529	Liquids	$418,260	$0	$418,260	$0	$0	$0	$418,260	$0	$0
2333 Chlorine Building Rehabilitation	2333	Liquids	$240,280	$0	$240,280	$0	$0	$0	$240,280	$0	$0
2340 Plant Water Pump Station Reconstruction	2340	Liquids	$647,701	$0	$647,701	$0	$0	$0	$647,701	$0	$0
2341 Non-Potable Water Pump Station Reconstruction	2341	Liquids	$633,742	$0	$633,742	$0	$0	$0	$633,742	$0	$0

South Orange County Wastewater Authority
Large Capital Projects FY25-26

PROJECT BUDGETS

Project Title	Project ID	Allocation	Proposed Project Budget	thru 6/30/2025	Remaining Budget	FY25-26 Budget	FY26-27 Budget	FY27-28 Budget	FY28-29 Budget	FY29-30 Budget	Thereafter
2347 Storm Water Pump Station Reconstruction	2347	Liquids	$377,246	$0	$377,246	$0	$0	$0	$377,246	$0	$0
2068 Plant 2 Headworks Upgrade	2068	Liquids	$573,659	$0	$573,659	$0	$0	$0	$0	$0	$573,659
2070 Plant 2 Blower Building Structural and Infrastructure Upgrade	2070	Liquids	$495,503	$0	$495,503	$0	$0	$0	$0	$495,503	$0
2071 Plant 2 Raw Sewage Pump Station Upgrade	2071	Liquids	$982,765	$0	$982,765	$0	$0	$0	$0	$982,765	$0
2072 Plant 2 Raw Sewage Pump VFD Upgrade	2072	Liquids	$189,501	$0	$189,501	$0	$0	$0	$0	$189,501	$0
2073 Plant 2 RAS and WAS Pump System Upgrade	2073	Liquids	$870,133	$0	$870,133	$0	$0	$0	$0	$870,133	$0
2074 Plant 2 Primary Sludge Pumping Upgrade	2074	Liquids	$513,829	$0	$513,829	$0	$0	$0	$0	$513,829	$0
2076 Plant 2 Meter Vault Upgrade	2076	Liquids	$326,300	$0	$326,300	$0	$0	$0	$0	$326,300	$0
2077 Plant 2 Grit Handling Upgrade	2077	Liquids	$689,968	$0	$689,968	$0	$0	$0	$0	$689,968	$0
2520 Ferric Chloride System Reconstruction	2520	Liquids	$776,400	$0	$776,400	$0	$0	$0	$0	$776,400	$0
2097 Plant 2 Liquids Buried Piping Reconstruction	2097	Liquids	$689,318	$0	$689,318	$0	$0	$0	$0	$689,318	$0
32225L Plant 2 Primary Sedimentation Upgrade	32225L	Liquids	$2,317,006	$0	$2,317,006	$0	$0	$2,317,006	$0	$0	$0
32226L Plant 2 Secondary Sedimentation Upgrade	32226L	Liquids	$2,281,996	$0	$2,281,996	$0	$0	$2,281,996	$0	$0	$0
2052 Bypass Flow Installation	2052	Liquids	$641,579	$0	$641,579	$0	$0	$641,579	$0	$0	$0
2351 Buried Drainage Pipe Reconstruction	2351	Liquids	$632,146	$0	$632,146	$0	$0	$0	$0	$632,146	$0
2085 Effluent Pump Station Rehabilitation	2085	Liquids	$353,719	$0	$353,719	$0	$0	$0	$0	$0	$353,719
2086 Effluent Pump Reconstruction	2086	Liquids	$1,589,511	$0	$1,589,511	$0	$0	$0	$0	$0	$1,589,511
2087 Effluent Pump Station Standby Power Generator Replacement	2087	Liquids	$610,542	$0	$610,542	$0	$0	$0	$0	$0	$610,542
2078 Scum Pump Station Upgrade	2078	Liquids	$700,000	$0	$700,000	$0	$0	$700,000	$0	$0	$0
2088 Effluent Pipeline Condition Assessment	2088	Liquids	$300,000	$0	$300,000	$0	$0	$300,000	$0	$0	$0
2089 Effluent Flow Metering Evaluation	2089	Liquids	$100,000	$0	$100,000	$0	$0	$100,000	$0	$0	$0
32222L Aeration Basin Drainage Pumps	32222L	Liquids	$450,000	$0	$450,000	$0	$0	$450,000	$0	$0	$0
Electric Boom Truck	2532	Common	$150,000	$0	$150,000	$0	$0	$150,000	$0	$0	$0
2350 Buried Water Pipe Reconstruction	2350	Common	$1,305,920	$0	$1,305,920	$0	$0	$1,305,920	$0	$0	$0
2346 Storage Building Replacement	2346	Common	$500,000	$0	$500,000	$0	$0	$500,000	$0	$0	$0
2343 SCADA System Upgrade Project/1st Phase	2343	Common	$583,944	$0	$583,944	$0	$0	$583,944	$0	$0	$0
2075 Plant 2 Emergency Generator	2075	Common	$490,162	$0	$490,162	$0	$0	$0	$490,162	$0	$0
2345 Site Pavement Reconstruction	2345	Common	$931,500	$0	$931,500	$0	$0	$0	$0	$0	$931,500
2353 Perimeter Fencing Replacement	2353	Common	$608,337	$0	$608,337	$0	$0	$0	$0	$0	$608,337
Electric Biosolids Truck and two new Trailers	2533	Solids	$500,000	$0	$500,000	$0	$0	$500,000	$0	$0	$0
2524 MCC D Replacement	2524	Solids	$371,517	$0	$371,517	$0	$0	$371,517	$0	$0	$0
2537 Digester 5 Construction	2537	Solids	$10,148,252	$0	$10,148,252	$0	$0	$0	$0	$0	$10,148,252
2528 Digested Sludge Pump Station Upgrade	2528	Solids	$374,807	$0	$374,807	$0	$0	$374,807	$0	$0	$0
2526 Anaerobic Digester No.3 and No.4 Mechanical Upgrade	2526	Solids	$2,000,000	$0	$2,000,000	$0	$0	$0	$0	$0	$2,000,000
2525 Anaerobic Digester No.1 and No.2 Mechanical Upgrade	2525	Solids	$3,701,940	$0	$3,701,940	$0	$0	$0	$0	$0	$3,701,940
2531 Solids Conveyor Replacement	2531	Solids	$181,000	$0	$181,000	$0	$0	$0	$0	$0	$181,000
PC02 Subtotal			$93,487,197	$1,036,638	$92,450,559	$9,216,790	$9,065,490	$30,182,764	$11,211,193	$7,150,862	$25,623,459
PC05											
55221L-000 - DHS Facility Compliance Review	55221L	Outfall	$17,500	$0	$17,500	$0	$0	$0	$0	$17,500	$0
Outfall Inspections, Port Cleaning, and Repairs	05062	Outfall	$500,000	$0	$500,000	$0	$0	$100,000	$0	$400,000	$0
05057 Diffuser Port Duckbill Project	05057	Outfall	$400,000	$0	$400,000	$0	$0	$0	$0	$400,000	$0
05059 Monitoring Vault Rehabilitation	05059	Outfall	$165,000	$0	$165,000	$0	$165,000	$0	$0	$0	$0
05060 Outfall Inspection Concept Development	05060	Outfall	$75,000	$0	$75,000	$0	$0	$75,000	$0	$0	$0
5061 Land Outfall Inspection	05061	Outfall	$75,000	$0	$75,000	$0	$0	$0	$0	$75,000	$0
NPDES Updates (every 5-years plus one year of new programs following permit)	Future	Outfall	$750,000	$0	$750,000	$0	$0	$0	$0	$750,000	$0
Special Studies	Future	Outfall	$135,000	$0	$135,000	$0	$15,000	$15,000	$15,000	$15,000	$75,000
Small Capital (including Lab Equipment)	Future	Outfall	$100,000	$0	$100,000	$10,000	$10,000	$10,000	$10,000	$10,000	$50,000
PC05 Subtotal			$2,217,500	$0	$2,217,500	$10,000	$190,000	$200,000	$25,000	$1,667,500	$125,000
PC15											
3541-000 - Export Sludge System Construction (2020)	3541	Liquids	$3,699,252	$3,699,252	$0	$0	$0	$0	$0	$0	$0
3541-001 - Export Sludge System Construction (2020)	3541-001	Liquids	$1,392,100	$0	$1,392,100	$292,000	$600,000	$400,000	$100,100	$0	$0

South Orange County Wastewater Authority
Large Capital Projects FY25-26

PROJECT BUDGETS

Project Title	Project ID	Allocation	Proposed Project Budget	thru 6/30/2025	Remaining Budget	FY25-26 Budget	FY26-27 Budget	FY27-28 Budget	FY28-29 Budget	FY29-30 Budget	Thereafter
35232L-000 - South Embankment Protection	35232L-000	Liquids	$175,000	$0	$175,000	$0	$0	$0	$175,000	$0	$0
35228L-000 - Aeration Diffuser Replacement	35228L	Liquids	$1,800,000	$1,674,651	$125,349	$125,349	$0	$0	$0	$0	$0
CTP Grit Baffles and Diffusers	15819	Liquids	$200,000	$0	$200,000	$0	$200,000	$0	$0	$0	$0
CTP East Primary Tank Sludge Piping	15820	Liquids	$125,000	$0	$125,000	$0	$125,000	$0	$0	$0	$0
CTP East Primary Troughs and Primary Scum Skimmers	15821	Liquids	$150,000	$0	$150,000	$0	$150,000	$0	$0	$0	$0
35XXXLCTP East Secondary Sludge Collection System Upgrades	35XXXL-000	Liquids	$500,000	$0	$500,000	$0	$500,000	$0	$0	$0	$0
3525-000 - Personnel Building Improvements	3525	Liquids	$655,667	$206,433	$449,234	$449,234	$0	$0	$0	$0	$0
3543-000 - Export Sludge Pipeline Replacement at RTP	3543	Liquids	$400,000	$0	$400,000	$0	$400,000	$0	$0	$0	$0
3527-000 - Vehicle Storage Building Roof (2019)	3527-000	Liquids	$85,000	$0	$85,000	$0	$85,000	$0	$0	$0	$0
35246L-000 - West Primary Sludge Skimmers and Launders/Weirs	35246L-000	Liquids	$500,000	$83,026	$416,974	$416,974	$0	$0	$0	$0	$0
35247L-000 - Aeration Blower System Upgrades	35247L-000	Liquids	$500,000	$75,000	$425,000	$125,000	$300,000	$0	$0	$0	$0
35239L-000 CTP west secondary scum skimmers	35239L-000	Liquids	$750,000	$71,000	$679,000	$679,000	$0	$0	$0	$0	$0
35229L-000 - Foul Air System	35229L-000	Liquids	$150,000	$16,212	$133,788	$133,788	$0	$0	$0	$0	$0
35235L-000 - Odor Control Scrubber/Foul Air System Reconstruction	35235L-000	Liquids	$1,500,000	$77,446	$1,422,554	$350,000	$272,554	$400,000	$400,000	$0	$0
3522AL-000 - Drainage Pump Station Rehabilitation	35220L	Liquids	$4,200,000	$435,039	$3,764,961	$350,000	$2,414,961	$1,000,000	$0	$0	$0
35233L-000 - Scum Pump Station and Wet Well	35233L-000	Liquids	$250,000	$0	$250,000	$0	$250,000	$0	$0	$0	$0
35234L-000 - RAS/WAS Pump Station Repairs	35234L-000	Liquids	$100,000	$0	$100,000	$0	$100,000	$0	$0	$0	$0
35236L-000 - Scum Pump Station and Wet Well Project	35236L-000	Liquids	$50,000	$0	$50,000	$0	$50,000	$0	$0	$0	$0
35237L-000 - Electrical Manhole/Cable Project	35237L-000	Liquids	$85,000	$0	$85,000	$0	$85,000	$0	$0	$0	$0
3522BL-000 - Headworks Upgrades	3522BL-000	Liquids	$300,000	$0	$300,000	$0	$0	$300,000	$0	$0	$0
CTP Export Eq Tank Liner Rehabiliation	15817	Liquids	$300,000	$0	$300,000	$0	$300,000	$0	$0	$0	$0
Access Road Repaving	35248L-000	Liquids	$1,750,000	$900,000	$850,000	$850,000	$0	$0	$0	$0	$0
15101 Grit Handling Upgrade	15101	Liquids	$794,900	$0	$794,900	$0	$0	$794,900	$0	$0	$0
Building Roof Replacements	15818	Liquids	$2,700,000	$0	$2,700,000	$0	$0	$200,000	$2,500,000	$0	$0
3596-000 - Applied Water VFD Pump Panel and Electrical (AWT) (2018)	3596	AWT	$232,500	$0	$232,500	$0	$0	$232,500	$0	$0	$0
SC-15C PC 15 Common Small Cap	SC-15C	Liquids	$2,260,000	$0	$2,260,000	$226,000	$226,000	$226,000	$226,000	$226,000	$1,130,000
SC-15L PC 15 Liquids Small Cap	SC-15L	Liquids	$4,070,000	$0	$4,070,000	$407,000	$407,000	$407,000	$407,000	$407,000	$2,035,000
SC-15A PC 15 AWT Small Cap	SC-15A	AWT	$70,000	$0	$70,000	$7,000	$7,000	$7,000	$7,000	$7,000	$35,000
Non-Cap Liquids (including assessments and Facility Plan Update)	4XXXXL	Liquids	$2,218,000	$0	$2,218,000	$518,000	$100,000	$500,000	$500,000	$100,000	$500,000
TYCIP											
35231L-000 - Vehicle Storage Building Mezzanine Upgrades	35231	Liquids	$85,000	$0	$85,000	$0	$0	$0	$85,000	$0	$0
15713 North Section Embankment Protection	15713	Liquids	$929,000	$0	$929,000	$0	$0	$0	$929,000	$0	$0
15813 AWT Building Modifications	15813	Liquids	$218,400	$0	$218,400	$0	$0	$0	$218,400	$0	$0
15106 DAF Polymer and DAF Control Building Upgrade	15106	Liquids	$402,500	$0	$402,500	$0	$0	$0	$402,500	$0	$0
15148 Instrumentation Master Plan	15148	Liquids	$75,000	$0	$75,000	$0	$0	$0	$75,000	$0	$0
15133 Operations Building Rehab	15133	Liquids	$931,600	$0	$931,600	$0	$0	$0	$931,600	$0	$0
15145 Export Sludge System Condition Assessment	15145	Liquids	$85,000	$0	$85,000	$0	$0	$0	$85,000	$0	$0
15714 Aliso - Sulfur Creek Confluence Protection	15714	Liquids	$646,800	$0	$646,800	$0	$0	$0	$646,800	$0	$0
15815 Effluent Equalization Basin Valve Replacement - Common (AWT)	15815	Liquids	$810,000	$0	$810,000	$0	$0	$0	$810,000	$0	$0
15817 AWT Instrumentation	15817	AWT	$453,300	$0	$453,300	$0	$0	$0	$453,300	$0	$0
15122 West Corridor Piping Reconstruction	15122	Liquids	$1,650,600	$0	$1,650,600	$0	$0	$0	$1,650,600	$0	$0
15123 Piping Between RAS/WAS PS and AWT	15123	AWT	$105,600	$0	$105,600	$0	$0	$0	$105,600	$0	$0
15110 Potable Water System Relocation	15110	Liquids	$591,500	$0	$591,500	$0	$0	$0	$0	$591,500	$0
15115 RAS and WAS Pump Station Replacement	15115	Liquids	$1,036,900	$0	$1,036,900	$0	$0	$0	$0	$1,036,900	$0
15121 Auxiliary Blower Bldg Upgrade	15121	Liquids	$690,804	$0	$690,804	$0	$0	$0	$0	$690,804	$0
15124 Central Corridor Piping	15124	Liquids	$1,691,372	$0	$1,691,372	$0	$0	$0	$0	$1,691,372	$0
15146 Primary Sedimentation System Condition Assessment	15146	Liquids	$65,000	$0	$65,000	$0	$0	$0	$0	$65,000	$0
15113 Pave Road System	15113	Liquids	$131,700	$0	$131,700	$0	$0	$0	$0	$0	$131,700
15115 RAS and WAS Pump Station	15115	Liquids	$1,036,900	$0	$1,036,900	$0	$0	$0	$0	$0	$1,036,900
15116 Primary Sludge Pump System Design	15116	Liquids	$681,800	$0	$681,800	$0	$0	$0	$0	$0	$681,800
15127 Headworks Valve Replacement	15127	Liquids	$342,800	$0	$342,800	$0	$0	$0	$0	$0	$342,800

South Orange County Wastewater Authority
Large Capital Projects FY25-26

PROJECT BUDGETS

Project Title	Project ID	Allocation	Proposed Project Budget	thru 6/30/2025	Remaining Budget	FY25-26 Budget	FY26-27 Budget	FY27-28 Budget	FY28-29 Budget	FY29-30 Budget	Thereafter
15150 Screening Washer/Compactor System	15150	Liquids	$412,585	$0	$412,585	$0	$0	$0	$0	$0	$412,585
15812 AWT Filter Valve Upgrade	15812	AWT	$541,343	$0	$541,343	$0	$0	$0	$0	$0	$541,343
15819 AWT Support Equipment	15819	AWT	$758,700	$0	$758,700	$0	$0	$0	$0	$0	$758,700
15821 AWT Buried Piping	15821	AWT	$1,010,500	$0	$1,010,500	$0	$0	$0	$0	$0	$1,010,500
15104 DAF System Rehabilitation	15104	Liquids	$1,300,300	$0	$1,300,300	$0	$0	$0	$0	$0	$1,300,300
15117 SCADA System Reconstruction	15117	Liquids	$146,900	$0	$146,900	$0	$0	$0	$0	$0	$146,900
15129 Standby Power Reconstruction	15129	Liquids	$178,900	$0	$178,900	$0	$0	$0	$0	$0	$178,900
15111 Non-Potable Water System Relocation	15111	Liquids	$332,800	$0	$332,800	$0	$0	$0	$0	$0	$332,800
15117 SCADA System Reconstruction	15117	Liquids	$1,150,000	$0	$1,150,000	$0	$0	$0	$0	$0	$1,150,000
15128 Existing Export Sludge PS Upgrade	15128	Liquids	$836,100	$0	$836,100	$0	$0	$0	$0	$0	$836,100
15129 Standby Power Reconstruction	15129	Liquids	$559,000	$0	$559,000	$0	$0	$0	$0	$0	$559,000
15112 West Primary Sedimentation System Upgrade	15112	Liquids	$1,031,700	$0	$1,031,700	$0	$0	$0	$0	$0	$1,031,700
15129 Standby Power Reconstruction	15129	Liquids	$559,000	$0	$559,000	$0	$0	$0	$0	$0	$559,000
15114 East Primary Sedimentation Upgrade	15114	Liquids	$677,200	$0	$677,200	$0	$0	$0	$0	$0	$677,200
15120 RAS Hypo Pumps	15120	Liquids	$97,500	$0	$97,500	$0	$0	$0	$0	$0	$97,500
15131 Headworks Miscellaneous Upgrades	15131	Liquids	$505,400	$0	$505,400	$0	$0	$0	$0	$0	$505,400
15134 Perimeter Fence Replacement	15134	Liquids	$857,100	$0	$857,100	$0	$0	$0	$0	$0	$857,100
15135 Blower Building Roof	15135	Liquids	$106,100	$0	$106,100	$0	$0	$0	$0	$0	$106,100
15136 Export Sludge Pumps	15136	Liquids	$846,700	$0	$846,700	$0	$0	$0	$0	$0	$846,700
15816 AWT Hypo Pumps	15816	AWT	$260,700	$0	$260,700	$0	$0	$0	$0	$0	$260,700
PC15 Subtotal			$56,792,523	$7,238,058	$49,554,465	$4,929,345	$6,572,515	$4,467,400	$10,707,900	$4,815,576	$18,061,728
Laboratory											
37229C-000 - Laboratory Reconstruction Assessment	37229C	Common	$176,500	$0	$176,500	$176,500	$0	$0	$0	$0	$0
SC-17C PC 17 Common Small Cap	SC-17C	Common	$60,000	$0	$60,000	$6,000	$6,000	$6,000	$6,000	$6,000	$30,000
PC17 Subtotal			$236,500	$0	$236,500	$182,500	$6,000	$6,000	$6,000	$6,000	$30,000
PC21											
3101-000 - Trail Bridge Crossing Protection - Phase I (D) (2016)	3101	D	$600,000	$469,691	$130,309	$130,309	$0	$0	$0	$0	$0
3101-998 - Trail Bridge Crossing Protection - Phase I (D) (2016)-Salari	3101	D	$0	$0	$0	$0	$0	$0	$0	$0	$0
3101-999 - Trail Bridge Crossing Protection - Phase I (D) (2016)-Fringe	3101	D	$0	$0	$0	$0	$0	$0	$0	$0	$0
31221B-000 - Trail Bridge Crossing (D)	31221B	D	$1,547,284	$4,296	$1,542,987	$0	$1,542,987	$0	$0	$0	$0
31221B-998 - Trail Bridge Crossing (D) (Salary)	31221B	D	$0	$0	$0	$0	$0	$0	$0	$0	$0
31221B-999 - Trail Bridge Crossing (D) (Fringe)	31221B	D	$0	$0	$0	$0	$0	$0	$0	$0	$0
3105-000 - Air Valve Replacement Design and Permitting (D)	3105	D	$164,000	$64,380	$99,620	$99,620	$0	$0	$0	$0	$0
3105-998 - Air Valve Replacement Design and Permitting (D)-Salaries	3105	D	$0	$0	$0	$0	$0	$0	$0	$0	$0
3105-999 - Air Valve Replacement Design and Permitting (D)-Fringe	3105	D	$0	$0	$0	$0	$0	$0	$0	$0	$0
3107-000 - Air Valve Replacement Construction (D) (2021)	3107	D	$272,250	$24,380	$247,870	$247,870	$0	$0	$0	$0	$0
3106-000 - Air Valve Replacement Design and Permitting (E)	3106	E	$128,674	$66,372	$62,302	$62,302	$0	$0	$0	$0	$0
3106-998 - Air Valve Replacement Design and Permitting (E)-Salaries	3106	E	$0	$0	$0	$0	$0	$0	$0	$0	$0
3106-999 - Air Valve Replacement Design and Permitting (E)-Fringe	3106	E	$0	$0	$0	$0	$0	$0	$0	$0	$0
3108-000 - Air Valve Replacement Construction (E) (2021)	3108	E	$346,500	$59,327	$287,173	$287,173	$0	$0	$0	$0	$0
3104-000 - Aliso Creek Long term Repair Planning (E) (2019)	3104	E	$0	$0	$0	$0	$0	$0	$0	$0	$0
31222B-000 - Aliso ETM Reach B/C Techite Replacement	31222B-000	B/C	$657,000	$0	$657,000	$0	$0	$0	$657,000	$0	$0
TYCIP											
21312 Pecten Reef Crossing Protection Design (Reach D)	21312	D	$1,500,000	$0	$1,500,000	$0	$300,000	$0	$1,200,000	$0	$0
21314 Reach D CCTV Inspection (Reach D)	21314	D	$335,000	$0	$335,000	$0	$0	$0	$335,000	$0	$0
21111 Reach B Replacement Design (Reach B)	21111	B	$350,000	$0	$350,000	$0	$0	$0	$350,000	$0	$0
21411 Reach E CCTV Inspection (Reach E)	21411	E	$335,000	$0	$335,000	$0	$0	$0	$335,000	$0	$0
21112 Reach B Replacement (Reach B)	21112	B	$2,370,000	$0	$2,370,000	$0	$0	$0	$0	$2,370,000	$0
21211 Reach C Replacement Design (Reach C)	21211	C	$219,000	$0	$219,000	$0	$0	$0	$0	$219,000	$0
21212 Reach C Replacement (Reach C)	21212	C	$2,050,000	$0	$2,050,000	$0	$0	$0	$0	$2,050,000	$0
PC21 Subtotal			$10,874,708	$688,448	$10,186,260	$827,273	$1,842,987	$0	$2,877,000	$4,639,000	$0

South Orange County Wastewater Authority
Large Capital Projects FY25-26

PROJECT BUDGETS

Project Title	Project ID	Allocation	Proposed Project Budget	thru 6/30/2025	Remaining Budget	FY25-26 Budget	FY26-27 Budget	FY27-28 Budget	FY28-29 Budget	FY29-30 Budget	Thereafter
PC24											
3480-000 - Internal Seal Replacement (2018)	3480	Outfall	$0	$0	$0	$0	$0	$0	$0	$0	$0
3480-998 - Internal Seal Replacement (2018) - Salary	3480	Outfall	$0	$0	$0	$0	$0	$0	$0	$0	$0
3480-999 - Internal Seal Replacement (2018) - Fringe	3480	Outfall	$0	$0	$0	$0	$0	$0	$0	$0	$0
3408-000 - Sampling System Repair (2020)	3408	Outfall	$0	$0	$0	$0	$0	$0	$0	$0	$0
3408-998 - Sampling System Repair (2020) (Salary)	3408	Outfall	$0	$0	$0	$0	$0	$0	$0	$0	$0
3408-999 - Sampling System Repair (2020) (Fringe)	3408	Outfall	$0	$0	$0	$0	$0	$0	$0	$0	$0
34222O-000 - Golf Course Road	34222O-000	Outfall	$45,000	$0	$45,000	$45,000	$0	$0	$0	$0	$0
54221O-000 - Outfall Inspections, Port Cleaning, and Repairs	54221O-000	Outfall	$400,000	$0	$400,000	$0	$100,000	$0	$0	$300,000	$0
34231O-000 - Metering and Sampling	34231O-000	Outfall	$0	$0	$0	$0	$0	$0	$0	$0	$0
34241O-000 - ACOO Outfall Ballast Repairs	34241O-000	Outfall	$0	$0	$0	$0	$0	$0	$0	$0	$0
34232O-000 - Creek Section Pipeline Replacement	34232O-000	Outfall	$250,000	$0	$250,000	$0	$0	$0	$0	$250,000	$0
NPDES Updates (every 5-years plus one year of new programs following permit)	Future	Outfall	$750,000	$0	$750,000	$0	$0	$0	$0	$750,000	$0
Special Studies	Future	Outfall	$135,000	$0	$135,000	$0	$15,000	$15,000	$15,000	$15,000	$75,000
Small Capital (including Lab Equipment)	Future	Outfall	$100,000	$0	$100,000	$10,000	$10,000	$10,000	$10,000	$10,000	$50,000
TYCIP											
24114 Land Outfall Realignment	24114	Outfall	$6,500,000	$0	$6,500,000	$0	$0	$0	$0	$0	$6,500,000
24116 Internal Seal Replacement	24116	Outfall	$450,000	$0	$450,000	$0	$0	$0	$0	$0	$450,000
PC24 Subtotal			$8,630,000	$0	$8,630,000	$55,000	$125,000	$25,000	$25,000	$1,325,000	$7,075,000
Total			$172,238,428	$8,963,144	$163,275,284	$15,220,908	$17,801,993	$34,881,164	$24,852,093	$19,603,939	$50,915,187

Agenda Item 8

Engineering Committee Meeting

Meeting Date: April 10, 2025

TO: Engineering Committee

FROM: Roni Grant, Capital Improvement Program Manager

SUBJECT: Capital Improvement Construction Projects Progress and Change Order Report (April) [Project Committees 2 and 15]

Overview

This agenda item provides an update on projects in construction, including any change orders. Attached are the updated CIP reports.

Project Updates

JBL Scum Line Replacement
Construction is currently in progress.

JBL Electrical Upgrades
Pre-purchasing of MCC and Plant 1 Generator is underway.

JBL and CTP SCADA System
Upgrades started earlier this year and have been completed.

CTP Diffusers Replacement
The construction has been completed.

CTP Aeration Deck Grating Replacement
Construction is currently in progress.

CTP West Primary and Secondary Scum Skimming System
Pre-Purchasing of scum skimmers, launders, and weirs is currently in progress.

CTP Auxiliary Blower Building Roof Replacement
Construction has been completed.

CTP Personnel Building Sewer Rehabilitation
Phase 1 construction has been completed.

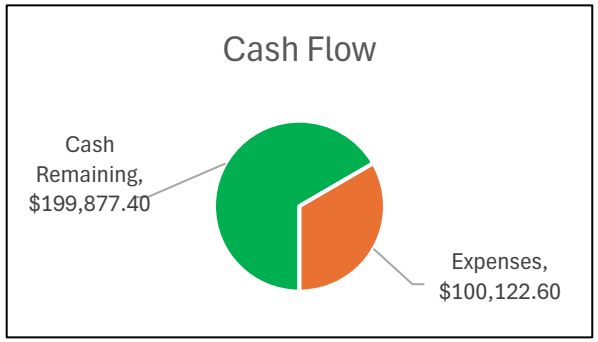
Recommended Action: Information Item only.

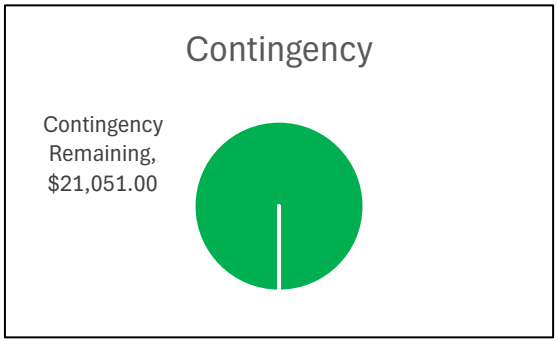
Project Financial Status

Project Committee	2
Project Name	Scum Line Replacement - 32233S
Project Description	Replacement of scum line at Plant 1 Aeration Basin 1

Data Last Updated

April 3, 2025





Cash Flow

Collected	$	300,000.00
Expenses	$	100,122.60

Project Completion

Schedule	40%
Budget	37%

Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Costs to Date
SS Mechanical	20557	$ 278,949.00	$ (39,765.68)		$ 239,183.32	$ 81,103.18
Project Partners	20164	$ 30,000.00			$ 30,000.00	$ 9,280.00
Steve Andrews	20332	$ 5,232.00			$ 2,818.00	$ 724.50
SOCWA Staff Time	32233S					$ 9,014.92
		$ 314,181.00	**$ (39,765.68)**	**$ -**	**$ 272,001.32**	**$ 100,122.60**

**Values include change orders to be reviewed by the Engineering Committee*

Construction Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Solids	32233S	$ 21,051.00	$ (39,765.68)	$ 21,051.00	0.0%
		$ 21,051.00	**$ (39,765.68)**	**$ 21,051.00**	**0.0%**

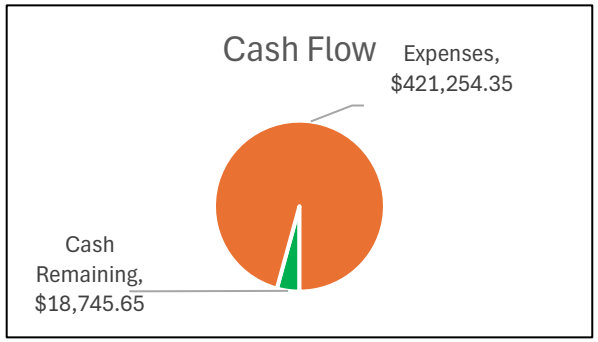
Change Order No.	Vendor Name	Project ID	Description	Status Date	Days	Amount
1	SS Mechanical	32233S	Change pipe diameter from 12" to 10"	1/8/2025	94	$ (39,765.68)
						$ (39,765.68)

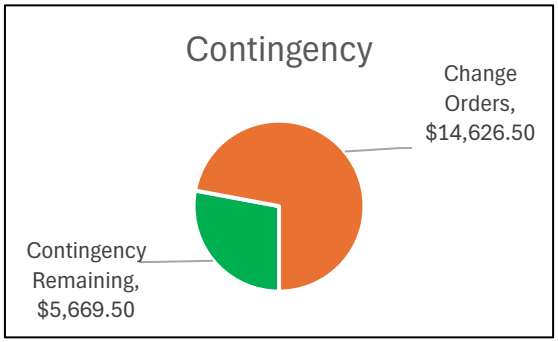
Project Financial Status

Project Committee	2 and 15
Project Name	SCADA System Upgrades - 32243C and 35249L
Project Description	SCADA server replacement and upgrades at JBL and CTP

Data Last Updated

April 3, 2025





Cash Flow

Collected	$	440,000.00
Expenses	$	421,254.35

Project Completion

Schedule	100%
Budget	96%

Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Costs to Date
W. M. Lyles	20660	$ 405,900.00	$ 14,626.50		$ 420,526.50	$ 420,526.50
SOCWA Staff Time						$ 727.85
		$ 405,900.00	**$ 14,626.50**	**$ -**	**$ 420,526.50**	**$ 421,254.35**

Construction Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Common	32243C	$ 20,296.00	$ 14,626.50	$ 5,669.50	72.1%
		$ 20,296.00	**$ 14,626.50**	**$ 5,669.50**	**72.1%**

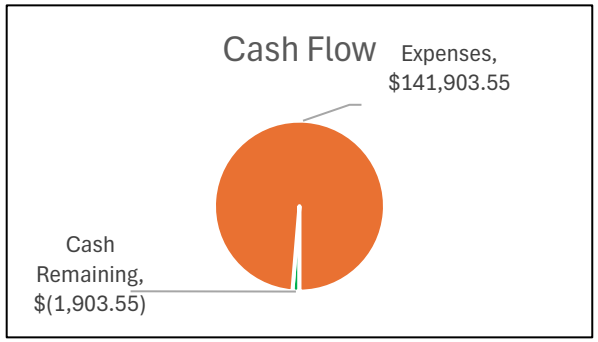
Change Order No.	Vendor Name	Project ID	Description	Status Date	Days	Amount
1	W. M. Lyles	32243C	Win911 SCADA Programming	1/21/2025		$ 14,626.50

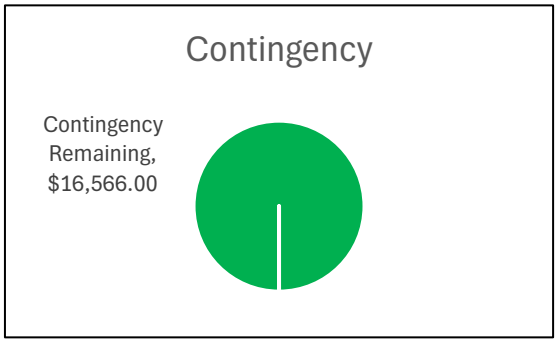
Project Financial Status

Project Committee	15
Project Name	Auxiliary Blower Building Roof Replacement - 35221L
Project Description	Replacement of Auxiliary Blower Building roof

Data Last Updated

April 3, 2025





Cash Flow

Collected	$	140,000.00
Expenses	$	141,903.55

Project Completion

Schedule	100%
Budget	101%

Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Costs to Date
Best Contracting	20911	$ 123,434.00			$ 123,434.00	$ 123,434.00
Project Partners	20877	$ 10,000.00			$ 10,000.00	$ 6,560.00
SOCWA Staff Time	35221L					$ 11,909.55
		$ 133,434.00	**$ -**	**$ -**	**$ 133,434.00**	**$ 141,903.55**

Construction Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	35221L	$ 16,566.00		$ 16,566.00	0.0%
		$ 16,566.00	**$ -**	**$ 16,566.00**	**0.0%**

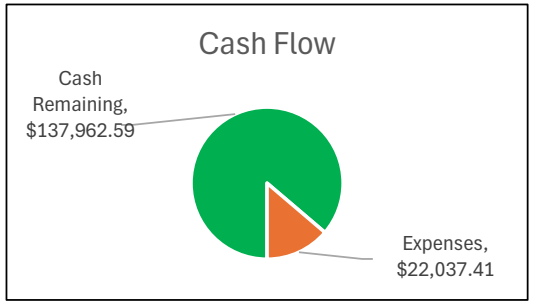
Change Order No.	Vendor Name	Project ID	Description	Status Date	Days	Amount
						$ -

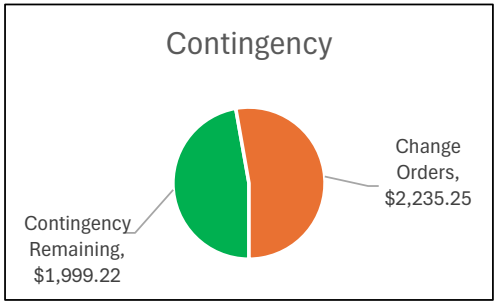
Project Financial Status

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

March 4, 2025





Cash Flow

Collected	$ 160,000.00
Expenses	$ 22,037.41

Project Completion

Schedule	15%
Budget	14%

Construction Contracts

Company	PO No.	Original	Change Orders	Amendments	Total	Costs to Date
SS Mechanical	20588	$ 147,126.00	$ 10,874.78		$ 158,000.78	$ 4,700.00
Project Partners	20877	$ 25,000.00			$ 25,000.00	$ 7,840.00
Steve Andrews	20332	$ 2,818.00			$ 2,818.00	$ 483.00
SOCWA Staff Time	35245L					$ 9,014.41
		$ 174,944.00	**$ 10,874.78**	**$ -**	**$ 185,818.78**	**$ 22,037.41**

Construction Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	35245L	$ 12,874.00	$ 10,874.78	$ 1,999.22	84.5%
		$ 12,874.00	**$ 10,874.78**	**$ 1,999.22**	**84.5%**

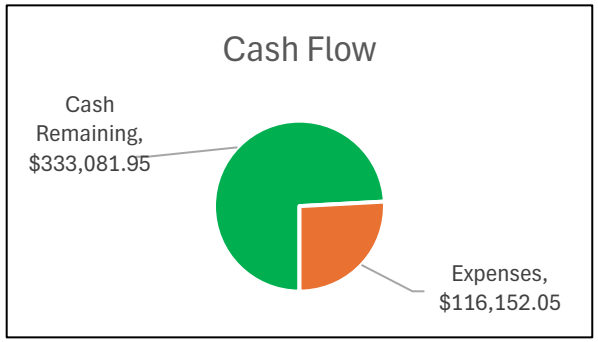
Change Order No.	Vendor Name	Project ID	Description	Status Date	Days	Amount
1	SS Mechanical	35245L	316L SST angle in lieu of 304L SST angle at the Step-Feed Channel	1/8/2025		$ 2,235.25
2	SS Mechanical	35245L	Change Secondary effluent grating from 1-inch to 1.5"	1/31/2025		$ 8,639.53

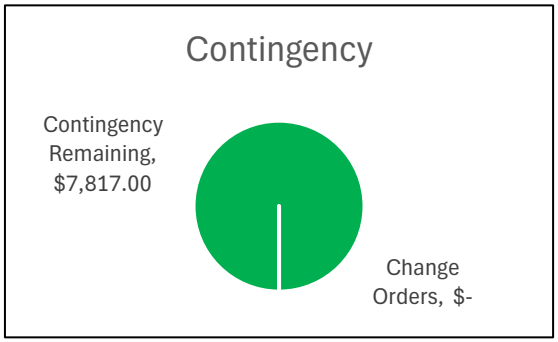
Project Financial Status

Project Committee	15
Project Name	Personnel Building Sewer Rehabilitation - 3525
Project Description	Replacement of grating on west aeration/secondary deck

Data Last Updated

April 3, 2025





Cash Flow

Collected	$	449,234.00
Expenses	$	116,152.05

Project Completion

Schedule	100%
Budget	26%

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	$ 14,880.00
SOCWA Staff Time	3525					$ 23,107.05
		$ 113,165.00	**$ -**	**$ -**	**$ 113,165.00**	**$ 116,152.05**

Construction Contingency

Area	Project Code	Amount	Change Orders	Total Remaining	Percent Used
Liquids	3525	$ 7,817.00		$ 7,817.00	0.0%
		$ 7,817.00	**$ -**	**$ 7,817.00**	**0.0%**

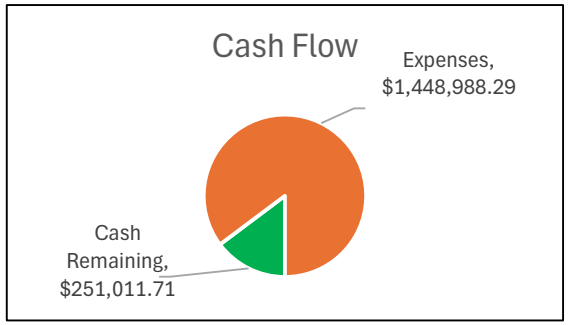
Change Order No.	Vendor Name	Project ID	Description	Status Date	Days	Amount
						$ -

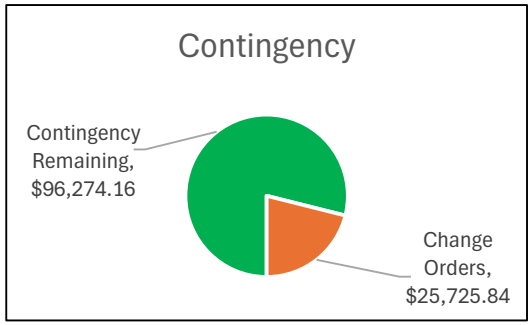
Project Financial Status

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

Data Last Updated

April 3, 2025





Cash Flow

Collected	$	1,700,000.00
Expenses	$	1,448,988.29

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	
Hazen	17256/19641	$ 93,578.00			$ 93,578.00	$ 62,279.04
SS Mechanical	20443	$ 37,535.00			$ 37,535.00	$ 37,535.00
SOCWA Staff Time	35228L					$ 50,708.41
		$ 1,486,653.00	**$ 25,725.84**	**$ -**	**$ 1,512,378.84**	**$ 1,448,988.29**

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%**

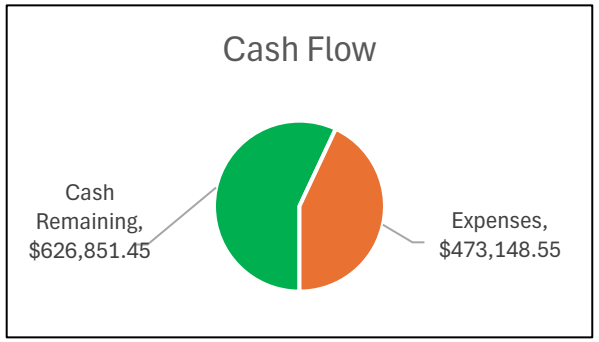
Change Order No.	Vendor Name	Project ID	Description	Status Date	Days	Amount
1	Filanc	35228L	Contract Extension	4/4/2024	273	$ -
2	Filanc	35228L	Solids removal in basins	1/25/2025	60	$ 25,725.84

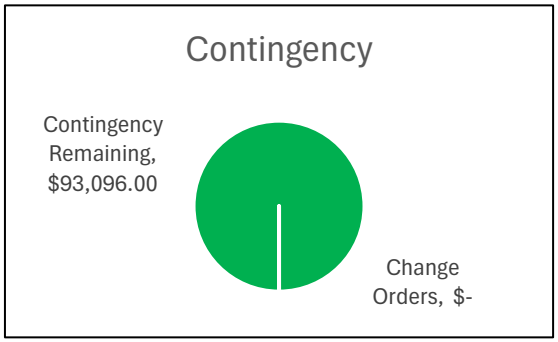
Project Financial Status

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

April 3, 2025





Cash Flow

Collected	$	1,100,000.00
Expenses	$	473,148.55

Project Completion

Schedule	50%
Budget	43%

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	$ -
SOCWA Staff Time	35246L/35239L					$ 7,668.55
		$ 943,200.00	**$ -**	**$ -**	**$ 943,200.00**	**$ 473,148.55**

Construction Contingency

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

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

Agenda Item 9

Engineering Committee Meeting

Meeting Date: April 10, 2025

TO: Engineering Committee

FROM: Roni Grant, Capital Improvement Program Manager

SUBJECT: J.B. Latham Treatment Plant and Coastal Treatment Plant Funding Strategy and Implementation Plan [Project Committees 2 and 15]

Overview

SOCWA has collaborated with Hazen to develop the Coastal Treatment Plant (CTP) funding strategy and implementation plan. Hazen presented the Phase 1 report and the findings at the February 2024 Engineering Committee meeting. Following this, PC 2 members expressed interest in identifying funding sources for the J.B. Latham Treatment Plant (JBL). Consequently, SOCWA issued a purchase order to Hazen in December 2024 to commence Phase 1 of the JBL funding strategy.

On January 15, 2025, Hazen initiated Phase 1 of the JBL Funding Strategy and Phase 2 of the CTP Funding Strategy Implementation Plan. The kickoff meeting was attended by members of PC 2 and 15, as well as SOCWA staff. Since the kickoff meeting, SOCWA has been collaborating with Hazen to complete the intake project lists and identify eligible projects. The Phase 1 memorandum for JBL and Phase 2 memorandum for CTP are attached.

Recommended Action: Committee Discussion/Direction and Action.

March 28, 2025

To: South Orange County Wastewater Authority

From: Mary Hambel, Project Manager
Trapa Barua, Funding Support

cc: Roni Grant, CIP Manager
Amber Boone, General Manager
Dave Jones, Project Director

Re: J.B. Latham Treatment Plant Funding Strategy Memorandum

Introduction

South Orange County Wastewater Authority (SOCWA) is anticipating upgrades to its J.B. Latham Treatment Plant (JBLTP) to improve water quality. In January 29, 2024, Hazen and Sawyer (Hazen) prepared the *Funding Strategy Plan* for the Coastal Treatment Plant (CTP) to identify potential federal, state, and local grant and loan funding opportunities for the CTP upgrades as well as ongoing replacement and rehabilitation projects at the CTP. This plan for the JBLTP will tier off the funding strategy plan developed for CTP and focus on developing a funding strategy for the JBLTP. A workshop conducted on January 15, 2025 and subsequent discussions were held to finalize projects at the JBLTP that would be most applicable for funding within the next one to two years. As part of this effort, the preparation of a *Funding Strategy Memorandum*, which is the basis of this document, outlines the selected projects and funding opportunities best suited for the JBLTP.

Table of Contents

1. Projects Evaluated

Hazen and Sawyer met with SOCWA staff to analyze SOCWA's current planned design and construction projects and identified five projects that would be most suitable for upcoming funding opportunities. Of the five projects, four projects are currently in the design/construction phase and one project is currently in the planning phase. The following projects were identified:

1) JBLTP Master Plan

   Project Description: This planning document will include asset management, capacity analysis, financial considerations, and an infrastructure assessment. It is understood that future projects may be identified during the Masterplan process that may be eligible for grant opportunities discussed herein. These future projects are not included in this analysis at this time.

   Project Cost: To Be Determined (Planning Grant)

2) MCC M and Plant 1 Generator Replacement

   Project Description: This project includes the replacement of the Plant 1 generator and MCC M ; procurement and design is currently underway.

   Project Cost: $ 2,623,000 (Construction Grant)

3) MCC 2 and CF Reconstruction

   Project Description: This project will result in a combined MCC M.

   Project Cost: $ $3,000,000 (Design/Construction Grants)

4) DAF Polymer System Upgrade, Odor Control Scrubber No. 2 Replacement, Dewatering System Replacement

   Project Description: These projects were bundled due to similar timelines and stronger joint funding potential. The DAF Polymer System Upgrade involves replacement of the pump and piping system. The Odor Control Scrubber No.2 Replacement includes exploring the option of having a bio-chemical system to save on impending chemical cost. The Dewatering System Replacement involves the replacement of currently outdated infrastructure.

   Project Cost: $ 3,797,490 (Design/Construction Grants)

5) Gas Flare Replacement

   Project Description: Per the new AQMD rule, the flare must be at least 25 feet from the jogging path, therefore a new flare system will need to be designed between the existing DAF and Digesters.

   Project Cost: $ 2,000,000 (Construction Grant)

2. Funding Sources

Building from the funding sources outlined in the *Funding Strategy Plan*, both grant and loan sources were examined based on the selected projects mentioned above. The following funding sources are recommended for further consideration:

- US Bureau of Reclamation,
- Southern California Regional Energy Network, or "SoCalREN" (a program sponsored by the County of Los Angeles),
- US Environmental Protection Agency, and
- State Water Resources Control Board.

3. Funding Scoring Criteria

Projects and funding opportunities were scored from 1 to 3 on the level of effort required for each application with 1 indicating the least effort required and 3 indicating the most. The amount of effort considers the number of hours required to put into an application versus the likelihood of attaining funding as well as the difficulty of constructing a narrative for a particular project for funding opportunities which have specific fulfillment requirements. Loan options were scored on the likelihood of obtaining them. A go/no-go decision will depend on need and an assessment of SOCWA's current financing model.

3.1 US Bureau of Reclamation (USBR)

3.1.1 WaterSMART Water and Energy Efficiency Grants (WEEG)

This grant focuses on projects that can present quantifiable and sustained water savings. This includes projects that conserve and use water more efficiently that contribute to water supply reliability. The grant can fund up to $500,000 for projects to be completed within two years; up to $2 million for projects to be completed within three years; and up to $5 million for large projects to be completed within three years.

3.1.1.1 Eligible Projects:

- MCC M and Plant 1 Generator Replacement
- DAF Polymer System Upgrade, Odor Control Scrubber No. 2 Replacement, Dewatering System Replacement
- MCC 2 and CF Reconstruction

3.1.1.2 Considerations:

- Grant application will need to provide estimated water savings, describe current losses, and present documentation of estimated water savings.
- Grant application will need to describe amount of energy capacity, amount of energy generated, and support how the project will benefit disadvantaged communities, insular areas (Justice 40), and tribal benefits. [1]
- Uncertainties when the next Notice of Funding Opportunity (NOFO) will be issued. When issued, we will need to confirm at that time if the funding timeline coincides with the project design and construction schedule.

3.1.1.3 Funding Scoring

- Score of 2

3.1.2 WaterSMART Planning and Project Design Grants

Eligible funding categories within Planning and Project Design include Water Strategy Grants for water management planning activities, Project Design Grants to conduct site-specific final design for water management improvement projects, and Drought Contingency Planning to develop a new or update an existing Drought Contingency Plan.

3.1.2.1 Eligible Projects

- JBLTP Masterplan

3.1.2.2 Considerations

- Funding for this grant can be useful for project design.

3.1.2.3 Funding Scoring

- Score of 1

3.1.3 Water Recycling and Desalination Planning Grant

The Water Recycling and Desalination Planning grant provides funding for the planning of water recycling and desalination projects to facilitate project development including the preparation of new feasibility studies that meet water recycling and desalination construction program requirements. The grant has two funding groups. Funding Group I can receive up to $1,000,000 and Funding Group II can receive up to $5,000,000.

[1] Please note that due to recent administrative changes on Diversity, Equity, and Inclusion, these requirements may subject to change.

3.1.3.1 Eligible Projects

- JBLTP Masterplan

3.1.3.2 Considerations

- A non-Federal cost share of 50% for Funding Group I or 75% for Funding Group II.
- Bulk of points will go toward describing the evaluation of project alternatives, stretching water supplies, environment and water quality.
- The grant can be used to create an approved USBR Feasibility Study, which will set up the project for future Title XVI funding for construction.

3.1.3.3 Funding Scoring

- Score of 1

3.2 Southern California Regional Energy Network Public Agency Program

The Southern California Regional Energy Network (SoCalREN) is an energy utility rate-payer funded program that helps public agencies implement energy efficiency and renewable energy projects by providing technical assistance, project management support, funding support, and procurement support. SoCalREN offers a streamlined project delivery option by assisting with project development, identification, procurement, compliance, financing, contractor engagement, engineering services during construction and project close-out. The program focuses on reducing energy costs and enhancing sustainability for municipalities, water utilities, and other public entities in Southern California Edison and SoCal Gas Company service areas. The program is funded through the auspices of the California Public Utilities Commission and is implemented by Los Angeles County with support from ICF (as administrator) and The Energy Coalition.

3.2.1.1 Eligible Projects

- MCC M and Plant 1 Generator Replacement
- MCC 2 and CF Reconstruction
- DAF Polymer System Upgrade, Odor Control Scrubber No. 2 Replacement, Dewatering System Replacement

3.2.1.2 Considerations

- SOCWA has an established relationship and is enrolled in SoCalREN.
- Ongoing reporting and documentation requirements, financial and audit compliance, performance measurement and verification, and milestone tracking.

3.2.1.3 Funding Scoring

- Score of 1

3.3 US EPA Water Infrastructure Finance and Innovation Act (WIFIA)

3.3.1.1 Eligible Projects

- All projects would be eligible, however a programmatic loan agreement for the entirety of the CTP may be best suited to reach the minimum project size.

3.3.1.2 Considerations

- Minimum project size for WIFIA is approximately $20 million.
- WIFIA will require federal cross-cutting requirements such as the National Environmental Policy Act (NEPA), Davis-Bacon Act, American Iron and Steel requirements, and Build America, Buy America (BABA). [2]

3.3.1.3 Funding Scoring

- Score of 3[3]

3.4 Clean Water State Revolving Fund (CWSRF)

3.4.1.1 Eligible Projects

- All projects would be eligible.

3.4.1.2 Considerations

- Minimum project size for CWSRF
- CWSRF will require federal cross-cutting requirements such as the National Environmental Policy Act (NEPA), Davis-Bacon Act, American Iron and Steel requirements, and Build America, Buy America (BABA).

3.4.1.3 Funding Scoring

- Score of 2

[2] Please note that due to recent administrative changes, federal cross-cutting requirements and compliance obligations may be subject to modification. It is advisable to consult the latest federal guidelines and policies to ensure adherence to current standards.
[3] This loan option would be best suited for any future larger projects.

4. Project and Funding Timeline

The table below depicts the project schedule for all the projects considered as well as a timeline for the funding opportunities discussed in Section 2.

	2025												2026											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Projects																								
JBLTP Masterplan (Planning)																								
MCC M and Plant 1 Generator Replacement (Construction)																								
MCC 2 and CF Reconstruction (Design/Construction)																								
DAF Polymer System Upgrade, Odor Control Scrubber No. 2 Replacement, Dewatering System Replacement (Design/Construction)																								
Gas Flare Replacement (Construction)																								
Funding Opportunities (Dates Based off Past Deadlines)																								
US Bureau of Reclamation																								
WaterSMART Water and Energy Efficiency Grants*								•															✓	
WaterSMART Planning and Design Grants*								•									✓							
WaterSMART Water Recycling and Desalination Planning*												•		✓										
County of Los Angeles SoCalRen	*Rolling*																							
US EPA Water Infrastructure Finance and Innovation Act	*Year-Round*																							
Clean Water State Revolving Fund	*Year-Round*																							

* Dates estimated based on previous grant cycles

• NOFO Release

✓ Application Deadline

5. Recommendations and Next Steps

This section will evaluate next steps SOCWA can take based on the above analysis of the funding opportunities that would best suit the projects required for the JBLTP. The table below summarizes the funding scores for each of the funding programs evaluated in Section 2. From the evaluation it is recommended that SOCWA consider pursuing the SoCalREN program since SOCWA is currently enrolled. SOCWA can also reach out to USBR to start engagement on the JBLTP Masterplan. Although several funding opportunities were evaluated, none aligned well with the specific requirements of the Gas Flare Replacement project. However, other opportunities such as partnering with agencies within SOCWA such as the South Coast Water District could prove to be another financing approach. Hazen and Sawyer is currently supporting onsite alternative energy planning for the Doheny Desalination Project for South Coast Water District and could possibly support a partnership where energy financing can be used to procure biogas from SOCWA to convert electricity to offset load at the Doheny Desalination Plant, as required by the California Coastal Commission permit conditions. This potential partnership could eliminate SOCWA's need for a new gas flare.

Funding Opportunity	Funding Score
USBR WaterSMART Water and Energy Efficiency Grants	2
USBR WaterSMART Planning and Design Grants	1
USBR WaterSMART Water Recycling and Desalination Planning	1
County of Los Angeles SoCalREN	1
US EPA Water Infrastructure Finance and Innovation Act	3
Clean Water State Revolving Fund	2

The following next steps can be taken once this memorandum has been fully assessed:

1. Hazen and SOCWA will finalize the sequence of projects for which they would like to pursue funding.

2. Hazen will create a Funding Dashboard to start the tracking process selecting funding opportunities.

3. Hazen and SOCWA will contact agencies for the selected funding opportunities identified in Step 1.

4. SOCWA will evaluate its current financial condition and consider WIFIA and CWSRF as an additional funding source.

5. Hazen will start preparing funding applications for the selected opportunities.

March 28, 2025

To: South Orange County Wastewater Authority

From: Mary Hambel, Project Manager
Trapa Barua, Funding Support

cc: Roni Grant, CIP Manager
Amber Boone, General Manager
Dave Jones, Project Director

Re: Coastal Treatment Plant Funding Implementation Workplan

Introduction

South Orange County Wastewater Authority (SOCWA) is anticipating upgrades to its Coastal Treatment Plant (CTP) to improve the plant's resiliency and water quality. During Phase 1, Hazen and Sawyer (Hazen) prepared the *Funding Strategy Plan* dated January 29, 2024, to identify potential federal, state, and local grant and loan funding opportunities for the CTP upgrades as well as ongoing replacement and rehabilitation projects at the Plant. The Phase 2 effort began with the preparation of a *Funding Implementation Workplan* memorandum dated November 5, 2024, which designated specific tasks and timelines that would be required to assign, solicit, and secure specific funding sources for specific project components. As part of the workplan, a workshop (conducted January 15, 2025) and subsequent discussions were held to finalize what projects as part of CTP would be most applicable for funding within the next one to two years. As part of Phase 2, the preparation of a final *Funding Implementation Workplan,* which is the basis of this document, outlines the selected projects and funding opportunities best suitable for the CTP.

Table of Contents

1. Projects Evaluated

Hazen and Sawyer met with SOCWA staff to analyze SOCWA's current planned design and construction projects and identified four projects that would be most suitable for upcoming funding opportunities. Of the four projects, three projects are currently in the design/construction phase and one project is currently in the planning phase. The following projects were identified:

1) Aeration Blower System Upgrades

   Project Description: This project includes the replacement of one high efficiency blower, with the option of adding a second one. The design contract has currently been awarded.

   Project Cost: $1,000,000-2,000,000 (Construction Grant)

2) Odor Control Scrubber/Foul Air System Reconstruction

   Project Description: This project includes rehabilitating the existing chemical scrubber and adding a second smaller bio/chemical scrubber to allow for more operation flexibility. The contract has currently been awarded.

   Project Cost: $ 1,650,000 (Construction Grant)

3) Drainage Pump Station

   Project Description: This project will involve relocating the existing drainage pump station out of the flood zone, the final design of the project is currently underway.

   Project Cost: $4,200,000 (Construction Grant)

4) CTP Masterplan

   Project Description: This planning document will include asset management, capacity analysis, financial considerations, and an infrastructure assessment. It is understood that future projects may be identified during the Masterplan process that may be eligible for grant opportunities discussed herein. These future projects are not included in this analysis at this time.

   Project Cost: To Be Determined (Planning Grant)

2. Funding Sources

Building from the Funding sources outlined in the *Funding Strategy Plan*, both grant and loan sources were examined based on the selected projects mentioned above. The following funding sources are recommended for further consideration:

- US Bureau of Reclamation,

- Federal Emergency Management Agency,
- County of Los Angeles,
- US Environmental Protection Agency, and
- State Water Resources Control Board.

2.1 Funding Scoring Criteria

Projects and funding opportunities were scored from 1 to 3 on the level of effort required for each application with 1 indicating the least effort required and 3 indicating the most. The amount of effort considers the number of hours required to put into an application versus the likelihood of attaining funding as well as the difficulty of constructing a narrative for a particular project for funding opportunities which have specific fulfillment requirements. Loan options were scored on the likelihood of obtaining them, a go/no go decision will depend on need and an assessment of SOCWA's current financing model.

2.2 US Bureau of Reclamation (USBR)

2.2.1 WaterSMART Water and Energy Efficiency Grants (WEEG)

This grant focuses on projects that can present quantifiable and sustained water savings. This includes projects that conserve and use water more efficiently that contribute to water supply reliability. The grant can fund up to $500,000 for projects to be completed within two years; up to $2 million for projects to be completed within three years; and up to $5 million for large projects to be completed within three years.

2.2.1.1 Eligible Projects:

- Aeration Blower System Upgrades

2.2.1.2 Considerations:

- The grant application will need to provide estimated water savings, describe current losses, and present documentation of estimated water savings.
- The grant application will need to describe the amount of energy capacity, amount of energy generated, and support how the project will benefit disadvantaged communities, insular areas, and tribal benefits. [1]

[1] Please note that due to recent administrative changes on Diversity, Equity, and Inclusion, these requirements may subject to change.

- Uncertainties about when the next NOFO will be issued. When issued, we will need to confirm at that time if the funding timeline coincides with the project design and construction schedule.

2.2.1.3 Funding Scoring

- Score of 2

2.2.2 WaterSMART Planning and Project Design Grants

Eligible funding categories within Planning and Project Design include Water Strategy Grants for water management planning activities, Project Design Grants to conduct site-specific final design for water management improvement projects, and Drought Contingency Planning to develop a new or update an existing Drought Contingency Plan.

2.2.2.1 Eligible Projects

- CTP Masterplan

2.2.2.2 Considerations

- Funding for this grant can be useful for project design

2.2.2.3 Funding Scoring

- Score of 1

2.2.3 Water Recycling and Desalination Planning Grant

The Water Recycling and Desalination Planning grant provides funding for the planning of water recycling and desalination projects to facilitate project development including the preparation of new feasibility studies that meet water recycling and desalination construction program requirements. The grant has two funding groups. Funding Group I can receive up to $1,000,000 and Funding Group II can receive up to $5,000,000.

2.2.3.1 Eligible Projects

- CTP Masterplan

2.2.3.2 Considerations

- A non-Federal cost share of 50% for Funding Group I or 75% for Funding Group II.

- The bulk of points will go toward describing the evaluation of project alternatives, stretching water supplies, environment and water quality.

- The grant can be used to create an approved USBR Feasibility Study, which will set up the project for future Title XVI funding for construction.

2.2.3.3 Funding Scoring

- Score of 1

2.3 Federal Emergency Management Agency (FEMA)

2.3.1 Building Resilient Infrastructure and Communities (BRIC)

BRIC is a nationally competitive grant initiative that provides funding to states, local governments, tribes, and territories to support proactive hazard mitigation projects. The program focuses on addressing future risks from natural disasters which includes wildfires, drought, hurricanes, earthquakes, extreme heat, and flooding to enhance community resilience, reduce long-term disaster impacts, and lessen the financial and human costs of recovery.

2.3.1.1 Eligible Projects

- Drainage Pump System

2.3.1.2 Considerations

- BRIC applications are time and cost intensive.
- Requires a Benefit-Cost Analysis to show project benefits outweigh its costs.
- Project site is not located within a FEMA flood zone.
- FEMA BRIC application due date was April 18th, 2025, but has been in flux due to new administration changes and reevaluation of current Notice of Funding Opportunity. May be best to consider next year, which may not align with the current projects schedule.

2.3.1.3 Funding Scoring:

- Score of 3

2.4 Southern California Regional Energy Network Public Agency Program

The Southern California Regional Energy Network (SoCalREN) is an energy utility rate-payer funded program that helps public agencies implement energy efficiency and renewable energy projects by providing technical assistance, project management support, and funding support. SoCalREN offers streamlined project delivery by assisting with project development, identification, procurement, compliance, financing, and implementation support. The program focuses on reducing energy costs and enhancing sustainability for municipalities, water utilities, and other public entities in Southern California Edison and SoCal Gas Company service areas. The program is funded through the auspices of the

California Public Utilities Commission and is implemented by Los Angeles County with support from ICF and The Energy Coalition.

2.4.1.1 Eligible Projects

- Aeration Blower System Upgrades
- Odor Control Scrubber/Foul Air System Reconstruction

2.4.1.2 Considerations

- SOCWA has an established relationship and is enrolled in SoCalRen.
- Ongoing reporting and documentation requirements, financial and audit compliance, performance measurement and verification, and milestone tracking.

2.4.1.3 Funding Scoring

- Score of 1

2.5 US EPA Water Infrastructure Finance and Innovation Act (WIFIA)

2.5.1.1 Eligible Projects

- All projects would be eligible, however a programmatic loan agreement for the entirety of the CTP may be best suited to reach the minimum project size.

2.5.1.2 *Considerations*

- Minimum project size for WIFIA is approximately $20 million dollars.
- WIFIA will require federal cross-cutting requirements such as the National Environmental Policy Act (NEPA), Davis-Bacon Act, American Iron and Steel requirements, and Build America, Buy America (BABA). [2]

2.5.1.3 Funding Scoring

- Score of 3[3]

[2] Please note that due to recent administrative changes, federal cross-cutting requirements and compliance obligations may be subject to modification. It is advisable to consult the latest federal guidelines and policies to ensure adherence to current standards.
[3] This loan option would be best suited for any future larger projects such as the potential CTP MBR Upgrade.

2.6 Clean Water State Revolving Fund (CWSRF)

2.6.1.1 Eligible Projects

- All projects would be eligible.

2.6.1.2 Considerations

- Minimum project size for CWSRF
- CWSRF will require federal cross-cutting requirements such as the National Environmental Policy Act (NEPA), Davis-Bacon Act, American Iron and Steel requirements, and Build America, Buy America (BABA).

2.6.1.3 Funding Scoring

- Score of 2

3. Project and Funding Timeline

The table below depicts the project schedule for all the projects considered as well as a timeline for the funding opportunities discussed in Section 2.

	2025												2026											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Projects																								
Aeration Blower System Upgrades (Construction)							■	■	■	■	■	■	■	■	■	■	■	■						
Odor Control Scrubber/Foul Air System Reconstruction (Construction)							■	■	■	■	■	■	■	■	■	■	■	■						
Drainage Pump Station (Construction)							■	■	■	■	■	■	■	■	■									
CTP Masterplan (Planning)													■	■	■	■	■	■	■	■	■	■	■	■
Funding Opportunities (Dates Based off Past Deadlines)																								
US Bureau of Reclamation																								
WaterSMART Water and Energy Efficiency Grants*								•	■	■	■	■	■	■	■	■	■	■	■	■	■	■	✓	
WaterSMART Planning and Design Grants*								•	■	■	■	■	■	■	■	■	✓							
WaterSMART Water Recycling and Desalination Planning*												•	■	✓										
Federal Emergency Management Agency																								
Building Resilient Infrastructure and Communities	•			✓																				
County of Los Angeles SoCalRen	*Rolling*																							
US EPA Water Infrastructure Finance and Innovation Act	*Year-Round*																							
Clean Water State Revolving Fund	*Year-Round*																							

* Dates estimated based on previous grant cycles

• NOFO Release

✓ Application Deadline

4. Recommendations and Next Steps

This section will evaluate the next steps SOCWA can take based on the above analysis of the funding opportunities that would best suit the projects required for the CTP. The table below summarizes the funding scores for each of the funding programs evaluated in Section 2. From the evaluation it is recommended that SOCWA consider pursuing the SoCalRen program since SOCWA is currently enrolled. SOCWA can also reach out to USBR to start engagement on the CTP Masterplan.

Funding Opportunity	Funding Score
USBR WaterSMART Water and Energy Efficiency Grants	2
USBR WaterSMART Planning and Design Grants	1
USBR WaterSMART Water Recycling and Desalination Planning	1
FEMA BRIC	3
County of Los Angeles SoCalRen	1
US EPA WIFIA	3
Clean Water State Revolving Fund	2

The following next steps can be taken once this memorandum has been fully assessed:

1. Hazen and SOCWA will finalize the sequence of projects they would like to pursue funding for.

2. Hazen will create a Funding Dashboard to start the tracking process selecting funding opportunities.

3. Hazen and SOCWA will contact agencies for the selected funding opportunities identified in Step 1.

4. SOCWA will evaluate its current financial condition and consider WIFIA and CWSRF as an additional funding source.

5. Hazen will start preparing funding applications for the selected opportunities.

Agenda Item 10

Engineering Committee Meeting

Meeting Date: April 10, 2025

TO: Engineering Committee

FROM: Roni Grant, Capital Improvement Program Manager

SUBJECT: J. B. Latham Treatment Plant Effluent Pump Station and Energy Building Upgrades Engineering Services during Construction [Project Committee 2]

Overview

SOCWA retained Carollo to perform the Effluent Pump Station and Energy Building Upgrades final design in August 2024. The design fee was $175,516, and the final design is near completion. SOCWA requested the engineering services during construction (ESDC) proposal from Carollo. Bidding service was included in the design fee.

The proposed Scope of Services includes the following:

- Project Management
- Conformed Documents
- Project Meetings
- Shop Drawing Review
- Request for Information
- Site Visits
- Change Order Assistance
- Record Drawings
- Project Close-out

Carollo proposed a total fee of $135,620. Staff broke down the costs of $44,755 for the Effluent Pump Station improvements, $36,617 for the hoist system, and $54,248 for the Energy Building improvements. The Engineer's cost estimate for construction is $3M.

Cost Allocation

The Effluent Pump Station Improvements will be funded by 32226L(liquids) and has a budget of $950,000 for the 24/25 fiscal year. Table 1 shows the allocation of costs by member agency.

Table 1 – Cost Allocation by Member Agency (32226L)

Agency	Cost
South Coast Water District	$23,236.80
Santa Margarita Water District	$21,518.20
Total	$44,755.00

The Energy Building Roof improvements will be funded by 32225S (solids) and has a budget of $1,163,000. Table 2 shows the allocation of costs by member agency.

Table 2 – Cost Allocation by Member Agency (32225S)

Agency	Cost
South Coast Water District	$22,578.02
Santa Margarita Water District	$31,669.98
Total	$54,248.00

The hoist system will be funded by 3216 (common) and has a budget of $792,000. Table 3 shows the allocation of costs by member agency.

Table 3 – Cost Allocation by Member Agency (3216)

Agency	Cost
South Coast Water District	$17,125.77
Santa Margarita Water District	$19,491.23
Total	$36,617.00

Recommended Action: Staff recommends that the Engineering Committee recommend that the PC 2 Board approve Change Order 1 to Carollo Engineers for a total of $135,620. This will result in a revised contract amount of $311,136 for the JBL Effluent Pump Station and Energy Building improvements project.

5355 Mira Sorrento Place, Suite 270
San Diego, California 92121
P 858-505-1020
carollo.com

March 26, 2025

Roni Young
South Orange County Wastewater Authority
34156 Del Obispo Street
Dana Point, CA 92629

Subject: Proposal for J.B. Latham Effluent Pump Station and Energy Building Upgrades Project – Engineering Services During Constructions (ESDC) Fee

Dear Ms. Young:

Pursuant to your request, Carollo Engineers, Inc. (Carollo) has prepared this letter proposal for the South Orange County Wastewater Authority's (SOCWA) J.B. Latham Wastewater Treatment Plant (JBLTP) Effluent Pump Station and Energy Building Upgrades Project. Carollo will provide ESDC as defined in the scope of services, outlined below.

Scope of Services

- Project Management:
    - Project management includes the effort required for general project management and administration over the duration of construction and project close-out. A total duration of six (6) months of construction is included. This task includes 1 hour per month for the project manager (PM) and 3 hours per month for the project assistant (PA) for monthly reviews and invoicing.
- Conformed Documents:
    - Prepare conformed plans and specifications, integrating bidding documents with issued addenda. Conformed plans and specifications were not included in bid period services are included here instead. Total number of drawings is 34 and conformed drawings will be submitted electronically, as pdf files in half and full-size formats. Conformed specifications will be provided as pdf files.
- Project Meetings:
    - Carollo will attend construction progress meetings monthly or as needed during the performance of the work. It is assumed there will be a total of six (6) progress meetings for the duration of the work.
- Shop Drawing Review:
    - Review shop drawings and other submittals as required in the Contract Documents. Review procedures will be as specified in the Contract Documents and as directed by SOCWA. Carollo will review shop drawings for conformance with the design documents. The review does not relieve the Contractor from specification or contractual requirements. Contractor is expected to provide complete submittals. Carollo will provide two submittal reviews. Additional reviews of the same submittal will be considered an extra scope item. Carollo will track the budget expended for submittal review beyond two submittals for reimbursement by SOCWA and the Contractor. Unless additional time is requested, all submittals will be reviewed and returned

within 15 work days after Carollo has received the submittal. Some especially large or complex submittals may require additional time. It is assumed that there will be a maximum of 64 submittals.

- Requests for Information:
    - Respond to Design Clarifications and Requests for Information (RFIs). Contractor will submit all requests in writing to SOCWA. All responses will be submitted in writing to SOCWA. It is assumed that there will be a maximum of 25 RFIs.
- Site Visits:
    - Carollo will attend and conduct three (3) site visits throughout the construction period to review construction progress, resolve technical issues, and/or review overall project schedule, coordination, and progress with SOCWA and the Contractor. These site visits will be separate from project meetings noted above. Each site visit is assumed for one person and four hours per visit, with additional persons as needed.
- Change Order Assistance:
    - Review and analyze Change Order Requests to determine their merit relative to the Contract Documents and design intent. The review of change orders will only be upon the request of SOCWA. It is assumed that there will be a maximum of four (4) change orders total. Carollo's review and analysis of Change Order Requests will include review of scope and pricing information submitted by the Contractor and/or SOCWA.
- Record Drawings:
    - Carollo will prepare record drawings from markups made by the Contractor and reviewed by SOCWA's construction manager. Total number of drawings is 34 and record drawings will be submitted electronically, as pdf files in half and full-size formats for Draft and Final.
- Project Close-out:
    - This task includes review of construction during a site visit at substantial completion and preparation of a punch list of corrective actions. It is assumed that this task will require a maximum of 20 hours.

We look forward to working with you, please let us know if you have any questions.

Sincerely,
CAROLLO ENGINEERS, INC.

Jeff Weishaar, P.E.

Author Initials: JW

Enclosures: None

J.B. Latham Wastewater Treatment Plant
Effluent Pump Station and Energy Recovery Building Upgrades Project
Engineering Services During Construction

March 2025

Task	Task Description	Project Manager	Senior Project Professional	Lead Project Professional	Project Professional	Assistant Professional	Senior Technician	Technician	Document Processing	Task Hours	Task Subtotal	Project Equipment and Communication Expense	Other Direct Costs	Task Total
1	**Project Management**													
1.01	Project Management	6		18	0	0	0	0	0	24	$ 6,792	$ 384	$ -	$ 7,176
	Task Subtotal	**6**	**0**	**18**	**0**	**0**	**0**	**0**	**0**	**24**	**$ 6,792**	**$ 384**	**$ -**	**$ 7,176**
2	**Construction Phase Services**													
2.01	Conformed Documents	2	0	4	12	16	8	24	12	78	$ 15,056	$ 1,248		$ 16,304
2.02	Project Meetings (6 Total)	6	0	6	3	3	0	0	0	18	$ 4,770	$ 288	$ -	$ 5,058
2.03	Shop Drawing Review (64 Total)	8	8	30	80	40	0	0	0	166	$ 39,740	$ 2,656	$ -	$ 42,396
2.04	Requests for Information (25 Total)	6	8	24	48	14	0	0	0	100	$ 25,052	$ 1,600	$ -	$ 26,652
2.05	Site Visits (3 Total)	4	0	12	4	4	0	0	0	24	$ 6,216	$ 384	$ 1,750	$ 8,350
2.06	Change Order Assistance (4)	4	0	4	4	4	0	0	0	16	$ 4,024	$ 256	$ -	$ 4,280
2.07	Record Drawings	2	0	6	16	24	8	36	0	92	$ 18,288	$ 1,472	$ 204	$ 19,964
2.08	Project Close-Out	4	0	8	4	4	0	0	0	20	$ 5,120	$ 320	$ -	$ 5,440
	Task Subtotal	**36**	**16**	**94**	**171**	**109**	**16**	**60**	**12**	**514**	**$ 118,266**	**$ 8,224**	**$ 1,954**	**$ 128,444**
	Hours Total	42	16	112	171	109	16	60	12	**538**				
	Rate	$ 310	$ 310	$ 274	$ 242	$ 180	$ 205	$ 172	$ 149			$ 16		
	Project Subtotal	**$ 13,020**	**$ 4,960**	**$ 30,688**	**$ 41,382**	**$ 19,620**	**$ 3,280**	**$ 10,320**	**$ 1,788**		**$125,058**	**$8,608**	**$1,954**	**$135,620**

Agenda Item 11

Engineering Committee Meeting

Meeting Date: April 10, 2025

TO: Engineering Committee

FROM: Roni Grant, Capital Improvement Program Manager

SUBJECT: J.B. Lathan Treatment Plant 2 Headworks Rehabilitation Engineering Services during Construction [Project Committee 2]

Overview

Dudek has been working on the J.B. Latham (JBL) Plant 2 Headworks Rehabilitation final design since July 2024. The final design fee was $208,100, and the design is near completion. SOCWA requested Dudek to submit a proposal to provide engineering support during bidding and engineering services during construction (ESDC). The scope of services includes the following:

- Engineering Support During Bidding
- Engineering Support During Construction
- Project Management

Cost Analysis

The proposed cost for these services is $47,858. The cost allocation by member agency is shown in Table 1. Project 32243L has a proposed budget of $1.5M. The Engineer's cost estimate for this project is $1.3M.

Table 1 – Cost Allocation

Member Agency	**Plant 2 Headworks Rehabilitation (32243L)**
South Coast Water District	$24,847.87
Santa Margarita Water District	$23,010.13
Total	$47,858.00

Recommended Action: Staff recommends that the Engineering Committee recommend to the Board of Directors to approve Change Order 1 to Dudek for $47,858. This will result in a revised contract amount of $255,958 for the JBL Plant 2 Headworks Rehabilitation project.

March 12, 2025

Roni Young Grant, PMP
Associate Engineer
South Orange County Wastewater Authority
34156 Del Obispo Street
Dana Point, California 92629

Subject: Letter Proposal for J.B. Latham (JBL) Plant 2 Headworks Rehabilitation Engineering Support During Bidding and Construction

Dear Roni Young Grant,

Dudek is pleased to provide this proposal for engineering support services for bidding and construction of JBL headworks rehabilitation. Included in this proposal are the following discussions:

1. General Information – General Firm Information and Primary Point of Contact
2. Project Team– Presents our Team members' roles and responsibilities.
3. Project Understanding and Approach – Describes project background and objectives; Includes scope of work with specific work elements.
4. Fee Proposal – Quantifies our anticipated level of effort.

Our proposal demonstrates our thorough understanding of your project goals and offers a comprehensive approach for successful construction.

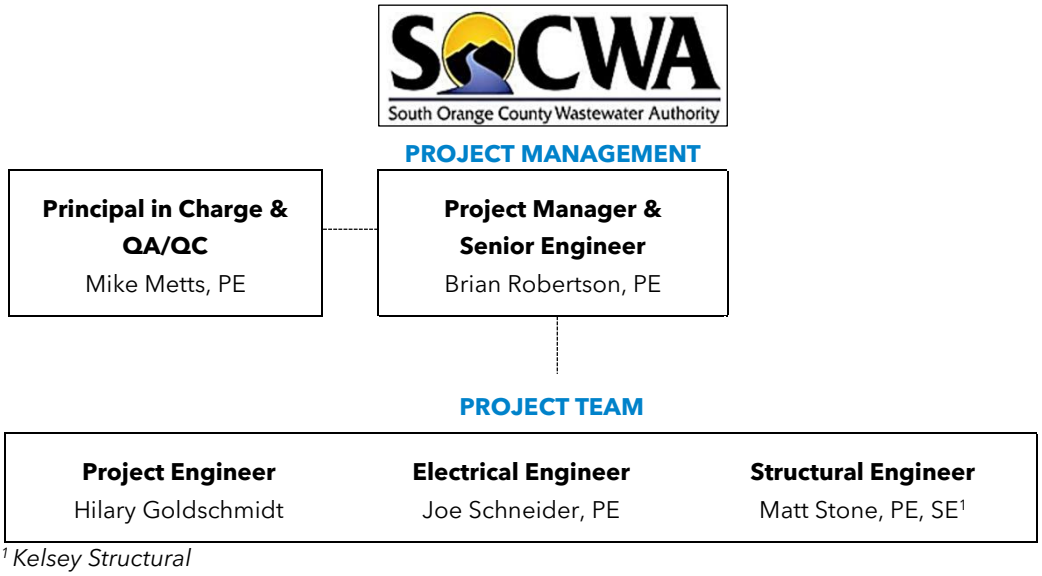
General Information

The Dudek team presented in this proposal has the resources to perform the work required for the Project as included in the provided Project Scope of Work. Those tasks to be completed by subcontractors are also defined within the Scope of Work.

The primary point of contact for this proposal and project correspondence is Brian Robertson, available at 760.479.4845 or brobertson@dudek.com.

Project Team

The Dudek team will maintain the same project management and engineering team that prepared the JBL Plant 2 Headworks final design:



[1] *Kelsey Structural*

Project Understanding and Approach

Background

It is our understanding that South Orange County Wastewater Authority (SOCWA) is requesting engineering support during bidding (ESDB) and construction (ESDC) proposals for the J.B. Latham Treatment Plant (JBL) Plant 2 Headworks Rehabilitation project located in Dana Point, CA. The project is currently at the 100% Design phase and is anticipated to go out to bid in early 2025. The Dudek team has performed the structural, architectural, mechanical, and electrical design for the project and will provide services including request for information (RFI) review, submittal review, structural observations and preparation of record drawings.

Scope of Work

Dudek will implement the detailed scope of work as outlined below. Dudek assumes that SOCWA will select a construction management (CM) team to provide construction management and inspection of the work. The services of the team will facilitate good communication between the Contractor, SOCWA and Engineer, and support successful completion of construction. Dudek proposes to provide the following services:

TASK 1 ENGINEERING SUPPORT DURING BIDDING

Task 1.1 Pre-Bid Meeting and Site Walk

Dudek will attend the pre-bid site walk and be prepared to respond to questions regarding design intent.

Task 1.1 Assumptions

- Dudek Project Manager will attend site walk.

Task 1.1 Deliverables

- None.

Task 1.2 Addenda Preparation and Response to Questions

Dudek will assist SOCWA in providing responses to Requests for Information (RFIs) and clarifications and preparing written addenda.

Task 1.2 Assumptions

- Dudek and Kelsey Structural support is needed for a maximum of one (1) addendum. SOCWA will prepare addenda documentation.
- Conformed plans and specifications are not required.
- Dudek team will provide responses for a maximum of twelve (12) RFIs, eight (8) for Dudek staff and four (4) for Kelsey Structural staff.
- SOCWA will prepare the addenda documentation.

Task 1.2 Deliverables

- Written responses in email format.

TASK 2 ENGINEERING SUPPORT DURING CONSTRUCTION

Task 2.1 Meetings

Dudek will attend the Pre-Construction Meeting and regular construction progress meetings.

Task 2.1 Assumptions

- The Pre-Construction meeting will be conducted by SOCWA, including meeting agenda and minutes. Dudek Project Manger will attend in-person. The electrical and structural engineers will attend virtually.
- Dudek Project Manager will attend a maximum of ten (10) biweekly progress meetings, each lasting 30 minutes. Meetings will be virtual except Dudek Project Manager will attend one (1) in-person to observe construction progress and/or support structural observation.

Task 2.1 Deliverables

- None.

Task 2.2 RFIs & Design Clarifications

Dudek will assist SOCWA in responding to RFIs and providing clarifications of the design intent.

Dudek will assist SOCWA with evaluation of Contractor-proposed design deviations or substitutions that may be requested. Dudek will evaluate the proposed design changes relative to consistency with the original design intention.

Task 2.2 Assumptions

- Dudek team will provide a maximum of twenty (20) RFI responses, twelve (12) for Dudek staff and eight (8) for Kelsey Structural staff.
- RFIs from the Contractor will be formally submitted to the Construction Manager, and then transmitted to Dudek. Questions requiring responses from the design team will be forwarded to the Dudek Project Manager for distribution and response.
- Dudek will support a maximum of one (1) design deviation and one (1) substitution review with a total maximun of eight (8) staff hours.

Task 2.2 Deliverables

- Written responses in e-mail format and drawing markups of design modifications or clarifications.

Task 2.3 Shop Drawings & Submittal Reviews

Dudek and Kelsey structural will review and process shop drawings and submittals and resubmittals. Submittal responses will be returned within ten (10) working days. Dudek will maintain a submittal log to document submittals and track status.

Task 2.3 Assumptions

- Submittals and shop drawings from the Contractor will be formally submitted to the Construction Manager, who will forward to the Dudek Project Manager for distribution and response.
- Dudek will review and respond to a maximum of twelve (12) shop drawings/submittals and 6 resubmittals.
- Kelsey Structural will review and respond to a maximum of fifteen (15) shop drawings/submittals and 8 resubmittals for structural project elements.

Task 2.3 Deliverables

- Written respones in email format and accompanying submittal makrups.

Task 2.4 Structural Observation

Kelsey Structural will perform a maximum of three (3) structural observations during construction to verify general conformance with the contract documents. A written structural observation report will be provided with comments and action items to be addressed by the Contractor.

Task 2.3 Assumptions

- Structural observations will be per California Building Code.

- Suggested observations would occur prior to concrete repair mortar placement, structural steel erection and prior to coating application.

Task 2.3 Deliverables

- Written structural observation reports.

Task 2.7 Record Drawing Preparation

Dudek will prepare record drawings, in cooperation with SOCWA and its Construction Manager, based on the construction plan markups provided by the Contractor at the completion of construction.

Task 2.7 Assumptions

- Following construction, Dudek will prepare the record drawings.

Task 2.7 Deliverables

- The drawings will be prepared based on field changes and redlines documented by the Construction Manager and the Contractor, and changes resulting from RFIs, clarifications and design deviations.
- Dudek will provide electronic files of the revisions. Hard copies are not included.

TASK 3 PROJECT MANAGEMENT

Task 3.1 Monthly Invoicing, and Billing Reports

Dudek will conduct project administration and management including the preparation and distribution of monthly progress reports including progress to date, potential completion issues, and anticipated next steps in progress. Progress reports will also include budget status and project schedule updates.

Task 3.1 Assumptions

- Dudek assumes a seven (7) month project duration with project closeout in October 2025.

Task 3.1 Deliverables

- Monthly progress reports and invoices.

Fee Proposal

Dudek proposes a project budget of $47,858 for completion of the above tasks. A breakdown of estimated labor hours by category for each task is included below.

Dudek Labor Hours and Rates

	Project Team Role:	PIC - QA/QC	Project Manager	Project Engineer	Electrical Engineer	CAD Designer	Admin	TOTAL DUDEK HOURS	DUDEK LABOR COSTS	Kelsey Structural M. Stone Fee	OTHER DIRECT COSTS	TOTAL FEE
	Team Member:	M. Metts	B. Robertson	H. Goldschmidt	J. Schneider	N. Hunter	M. Kinney					
	Billable Rate :	$345	$265	$190	$290	$200	$160					
Task 1	Engineering Support During Bidding											
1.1	Pre-Bid Meeting and Site Walk		2					2	$ 530		$ 40	$ 570
1.2	Addenda Preparation and Response to Questions		6	2	2			10	$ 2,550	$2,112		$ 4,662
	Subtotal Task 1		8	2	2			12	$ 3,080	$ 2,112	$ 40	$ 5,232
Task 2	Engineering Support During Construction											
2.1	Pre-Construction and Progress Meetings		8		3			11	$ 2,990	$484	$ 40	$ 3,514
2.2	RFI and Design Clarifications	1	8	12	6			27	$ 6,485	$2,112		$ 8,597
2.3	Shop Drawing and Submittal Reviews	1	8	16	12			37	$ 8,985	$10,780		$ 19,765
2.4	Structural Observation								$ -	$3,520		$ 3,520
2.5	Record Drawing Preparation		1	2	1	8		12	$ 2,535	$2,200		$ 4,735
	Subtotal Task 2	2	25	30	22			87	$ 20,995	$ 19,096	$ 40	$ 40,131
Task 3	Project Management											
3.1	Monthly Invoicing and Progress Reports		7				4	11	$ 2,495			$ 2,495
	Subtotal Task 3		7				4	11	$ 2,495	$ -	$ -	$ 2,495
	Total Hours and Fee	2	40	32	24	8	4	110	$ 26,570	$ 21,208	$ 80	$ 47,858

Closing

We look forward to continuing our work on this project with you and SOCWA and to providing the services described herein. Please do not hesitate to call or email me with any questions you might have about our proposal.

Respectfully Submitted,

Mike Metts, P.E.
Principal Engineer

Brian Robertson
Project Manager

Mike Metts is authorized to sign on behalf of Dudek.