

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

FINANCE COMMITTEE
TELECONFERENCE MEETING**

**TELECONFERENCE PHONE NUMBER: (213) 279-1455
TELECONFERENCE ID: 874 552 231**

**April 21, 2020
10:30 a.m.**

NOTICE IS HEREBY GIVEN that a Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee was called by the Chairman to be held by Teleconference on **April 21, 2020** at **10:30 a.m.** SOCWA staff will be present and conducting the call at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California. This meeting is being conducted via Teleconference pursuant to the California Governor Executive Order N-29-20.

MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS TELECONFERENCE MEETING AND MAY JOIN THE MEETING VIA THE TELECONFERENCE PHONE NUMBER AND ENTER THE ID CODE. THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED WITH THE AGENDA THE WEB-SITE WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST DISABILITY RELATED ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING.

AGENDA EXHIBITS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY FINANCE COMMITTEE IN CONNECTION WITH A MATTER SUBJECT FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE FINANCE COMMITTEE ARE AVAILABLE BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"). IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE FINANCE COMMITTEE LESS THAN TWENTY-FOUR (24) HOURS PRIOR TO THE MEETING, THEY WILL BE SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.

April 21, 2020

AGENDA**1. Call Meeting to Order****2. Pledge of Allegiance****3. Public Comments**

THOSE WISHING TO ADDRESS THE FINANCE 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.

4. Approval of Minutes

- a. Finance Committee Meeting Minutes of March 24, 2020

Recommended Action: Staff recommends the Finance Committee to approve minutes as submitted.

5. Financial Reports for the Month of March 2020

- a. Summary of Disbursements for March 2020 in the amount of \$3,545,144 (Exhibit A)
- b. Schedule of Funds Available for Reinvestment (Exhibit B)
 - Local Agency Investment Fund (LAIF)
- c. Schedule of Cash and Investments (Exhibit C)
- d. Capital Schedule (Exhibit D)
 - Capital Projects – Graph (Exhibit D-1)
- e. Budget vs. Actual Expenses:
 - Operations and Environmental Summary (Exhibit E-1)
 - Operations and Environmental by PC (E-1.2)
 - Residual Engineering, after transfer to Capital (Exhibit E-2)
 - Administration (Exhibit E-3)
 - Information Technology (IT) (Exhibit E-4)

Recommended Action: Staff recommends the Finance Committee recommend to the Board of Directors to ratify the March 2020 disbursements for the period from March 1, 2020, through March 31, 2020, totaling \$3,545,144 and to receive and file the March 2020 Financial Reports as submitted.

6. FY 2020/2021 Member Agency Payments toward PERS Unfunded Liability (UAL)

Julio Morales, Urban Futures Inc. presentation on long-term impacts of UAL. Presentation will include approach to PERS payment per member agency bases funded and benefits to long-term reduction of liability for the member agency. Staff will present information on how to determine future year payments. See Staff Report and PowerPoint Slides 3–11.

Recommended Action: Finance Committee Questions and Comments. Finance Committee to direct staff to introduce per agency payment option for SOCWA Board consideration.

April 21, 2020

7. FY 2020/2021 Capital Budget Presentation

Director of Engineering Presentation of Planned Capital Programs FY 2020/2021 and 2021/2022. See PowerPoint Slides 12–17 and attached Capital Budget Pages.

Recommended Action: Finance Committee Questions and Comments.

8. FY 2020/2021 O&M / Environmental Budget

The following items below be reviewed during the teleconference meeting. See Staff Reports and PowerPoint Slides 18–22.

- (i) The Committee Members were requested at the March 24, 2020 meeting to bring forward to the April 21, 2020 meeting their questions and comments on the following:

Items covered at the March 24, 2020 meeting, included:

- a. Key Budget Assumptions
- b. Staffing Overview
- c. Funding PERS / OPEB Costs
 1. Unfunded Pension Liability and Retiree Health
 2. Payments Removal from Fringe Pool
- d. General Assumptions
 1. Pension Lump Sum Payment; Group Insurance; Ops Costs
 2. General Fund (no change)
 3. Legal Expenditures
- e. Major Cost Drivers
 - Summary O&M by Member Agency
- f. Standby

- (ii) Overview of Cost Changes in 2020/2021 as compared to prior year. See Staff Report and PowerPoint Slide 21.

- (iii) In light of Covid 19, presentation of possible one (1) year SOCWA O&M and Small Capital Budget reduction measures applicable for economic hardship. See Staff Report and PowerPoint Slide 22.

Recommended Action: Finance Committee questions and comments.

9. FY 2020/2021 Administration Budget / General Fund / IT Budget

See PowerPoint Slides 23-31.

Recommended Action: Finance Committee questions and comments.

10. FY 2019-20 3rd Quarter Cash Roll Forward

See Staff Report.

Recommended Action: Finance Committee questions and comments.

11. FY 2019-20 Capital Cash Return to Member Agencies

Information to be provided under separate cover prior to the meeting.

Recommended Action: Finance Committee recommends to the Board of Directors the return of Capital Cash on Hand.

April 21, 2020

12. Budget Schedule

- April 21, 2020 – General Fund Budget, Administration and Capital Budget (Presented based on Recommendations of the Engineering Committee)
- May 12, 2020 – Finance Committee Review
- May 19, 2020 – Finance Committee Review
- May 21, 2020 – Board Budget Workshop
- June 4, 2020 – Board Consideration of Budget for Approval

Recommended Action: Information Item.

Adjournment

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Finance Committee at least 24 hours prior to the scheduled time of the Special Meeting referred to above.

I hereby certify that the foregoing Notice was posted at least 24 hours prior to the time of the above-referenced Finance Committee at the usual agenda posting location of the South Orange County Wastewater Authority and at www.socwa.com.

Dated this 15th day of April 2020.



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

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

March 24, 2020

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee Meeting was held on March 24, 2020, at 2:00 p.m. via teleconference. The following members of the Finance Committee were identifiably participating:

DENNIS ERDMAN	South Coast Water District	Director
ROBB GRANTHAM	Santa Margarita Water District	Alternate Director
RAY MILLER	City of San Juan Capistrano	Alternate Director
MATT COLLINGS	Moulton Niguel Water District	Alternate Director
DENNIS CAFFERTY	El Toro Water District	Alternate Director

Absent:

TONI ISEMAN	City of Laguna Beach	Director
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Staff Participation:

BETTY BURNETT	General Manager
MARY CAREY	Finance Controller
JASON MANNING	Director of Engineering
JIM BURROR	Director of Operation
DAVID BARANOWSKI	Senior Engineer
KONSTANTIN SHILKOV	Senior Accountant
NADYN KIM	Accountant
ANNA SUTHERLAND	Accounts Payable
DANITA HIRSH	Executive Assistant

Also Participating:

ADRIANA OCHOA	Procopio Law Firm
KATHRYN FRESHLEY	El Toro Water District
PAM ARENDS-KING	South Coast Water District

1. **Call Meeting to Order**

Chairperson Erdman called the meeting to order at 2:00 p.m.

2. **Pledge of Allegiance** - None

3. **Public Comments** – None

4. Approval of Minutes

ACTION TAKEN

Motion was made by Director Miller and seconded by Director Grantham to approve Finance Committee Meeting Minutes for February 20, 2020 as submitted.

Motion carried: Aye 5, Nay 0, Abstained 0, Absent 1
Director Erdman Aye
Director Iseman Absent
Director Miller Aye
Director Grantham Aye
Director Collings Aye
Director Cafferty Aye

5. Financial Reports for the Month of January 2020

ACTION TAKEN

Motion was made by Director Miller and seconded by Director Erdman to recommend to the Board of Directors to ratify the January 2020 disbursements for the period from January 1, 2020 through January 31, 2020, totaling \$4,330,515, and to receive and file the January 2020 Financial Reports as submitted.

Motion carried: Aye 5, Nay 0, Abstained 0, Absent 1
Director Erdman Aye
Director Iseman Absent
Director Miller Aye
Director Grantham Aye
Director Collings Aye
Director Cafferty Aye

6. Financial Reports for the Month of February 2020

ACTION TAKEN

Motion was made by Director Grantham and seconded by Director Collings to recommend to the Board of Directors to ratify the February 2020 disbursements for the period from February 1, 2020 through February 29, 2020, totaling \$1,873,223, and to receive and file the February 2020 Financial Reports as submitted.

Motion carried: Aye 5, Nay 0, Abstained 0, Absent 1
Director Erdman Aye
Director Iseman Absent
Director Miller Aye
Director Grantham Aye
Director Collings Aye
Director Cafferty Aye

7. FY19/20 O&M Environmental Budget Update and Proposed Budget Adjustment

ACTION TAKEN

Motion was made by Director Grantham and seconded by Director Collings to recommend to the Board of Directors the PC budget adjusted increases as proposed.

Motion carried: Aye 5, Nay 0, Abstained 0, Absent 1
Director Erdman Aye
Director Iseman Absent
Director Miller Aye
Director Grantham Aye
Director Collings Aye
Director Cafferty Aye

8. FY 2020/2021 O&M / Environmental Budget

Ms. Burnett and senior staff provided a PowerPoint presentation for the Budget Development Kickoff Meeting 2020/2021 Fiscal Year. An open discussion ensued.

Director Cafferty requested more information on cost increase justification.

This was an information item; no action was taken.

9. Budget Schedule

Ms. Burnett discussed the following budget schedule stating the schedule will remain as presented:

- April 21, 2020 – General Fund Budget, Administration and Capital Budget (Presented based on Recommendations of the Engineering Committee)
- May 12, 2020 – Finance Committee Review
- May 19, 2020 – Finance Committee Review
- May 21, 2020 – Board Budget Workshop
- June 4, 2020 – Board Consideration of Budget for Approval

This was an information item; no action was taken.

10. Uniform Purchasing Policy and Procedures – Exhibit 2 – Non-Discretionary Expenses

Ms. Burnett discussed the revisions that were made to Exhibit 2 Non-Discretionary Expenses based on input from the Finance Committee at its last meeting. An open discussion ensued.

Director Collings stated the list of discretionary vendors needed to be better defined as vendor you have no choice but to use based on the essential need.

Ms. Burnett indicated she would look back at the MNWD example provided by Director Collings and return the item to the Finance Committee.

This was an information item; no action was taken.

Adjournment

There being no further business, Chairperson Erdman adjourned the meeting at 3:58 p.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Special Meeting of the South Orange County Wastewater Authority Finance Committee of March 24, 2020, and approved by the Finance Committee and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

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

Agenda Item

5

Finance Committee Meeting

Meeting Date: April 21, 2020

TO: Finance Committee
FROM: Betty Burnett, General Manager
STAFF CONTACT: Mary Carey, Finance Controller
SUBJECT: Financial Reports for the Month of March 2020

Summary/Discussion

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

The reports included are as follows:

- a) Summary of Disbursements for March 2020 (Exhibit A)
- b) Schedule of Funds Available for Reinvestment (Exhibit B)
 - Local Agency Investment Fund (LAIF)
- c) Schedule of Cash and Investments (Exhibit C)
- d) Capital Schedule (Exhibit D)
 - Capital Projects – Graph (Exhibit D-1)
- e) Budget vs. Actual Expenses:
 - Operations and Environmental Summary (Exhibit E-1)
 - Operations and Environmental by PC (E-1.2)
 - Residual Engineering, after transfer to Capital (Exhibit E-2)
 - Administration (Exhibit E-3)
 - Information Technology (IT) (Exhibit E-4)

Fiscal impact

March 2020 cash disbursements were: \$3,545,144.

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

Recommended Action: Staff recommends to the Board of Directors to ratify the March 2020 disbursements for the period from March 1, 2020, through March 31, 2020, totaling \$3,545,144, and to receive and file the March 2020 Financial Reports as submitted.

**South Orange County Wastewater Authority
Summary of Disbursements for March 2020
Staff Recommendation of Fiscal Matters**

	<u>Actual</u>
General Fund	(772,800)
PC 2 - Jay B. Latham Plant	(1,208,298)
PC 3 - SOCWA Plant/PCA AWT	-
PC 5 - San Juan Creek Ocean Outfall	(36,856)
PC 8 - Pretreatment Program	(7,769)
PC 12 SO - Water Reclamation Permits	(33,979)
PC 15 - Coastal Treatment Plant/AWT	(398,733)
PC 17 - Joint Regional Wastewater Reclamation	(1,048,227)
PC 21 - Effluent Transmission Main	(9,534)
PC 24 - Aliso Creek Ocean Outfall	(28,949)
Total	<u><u>(\$3,545,144)</u></u>

**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
SCHEDULE OF FUNDS AVAILABLE FOR REINVESTMENT
as of March 31, 2020**

CASH IN BANK: (BEGINNING BAL.)	4,509,522
L.A.I.F. FUNDS: (BEGINNING BAL.)	26,942,827
DEPOSITS, TRANSFERS & ADJUSTMENTS:	300
FUND REQUIREMENTS:	
BILLS FOR CONSIDERATION	(3,545,144)
	\$ 27,907,504

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

In accordance with requirements of the Government Code and the "SOCWA Investment Policy",

I hereby certify that:

- 1). All investment actions executed since the last report have been made in full compliance with the Investment Policy.

- 2). SOCWA does not have sufficient funds currently on hand to meet its expenditure obligations for the next six months (see note) due to the fact that SOCWA bills and receives operational funds on a quarterly basis only.

Betty Burnett
General Manager

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



PMIA/LAIF Performance Report as of 04/13/20



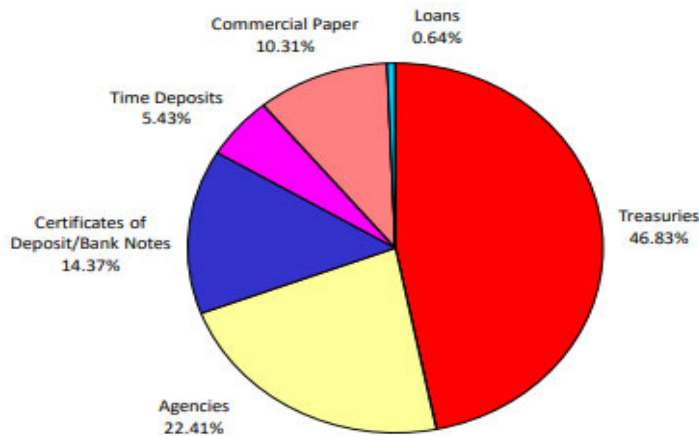
PMIA Average Monthly Effective Yields⁽¹⁾

Mar	1.787
Feb	1.912
Jan	1.967

LAIF Quarterly Performance Quarter Ended 12/31/19

Apportionment Rate ⁽²⁾ :	2.29
Earnings Ratio ⁽²⁾ :	0.000062500857789
Fair Value Factor ⁽¹⁾ :	1.007481015
Daily ⁽¹⁾ :	2.02%
Quarter to Date ⁽¹⁾ :	2.11%
Average Life ⁽¹⁾ :	226

Pooled Money Investment Account Portfolio Composition ⁽¹⁾ 03/31/20 \$98.1 billion



Percentages may not total 100% due to rounding

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

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

Source:

⁽¹⁾ State of California, Office of the Treasurer

⁽²⁾ State of California, Office of the Controller

Exhibit C

**South Orange County Wastewater Authority
Schedule of Cash and Investments
as of March 31, 2020**

MVA	\$ 96,612	(A)
A/P Checking	2,108,609	(B)
Payroll Checking	537,456	(C)
State LAIF	25,164,827	(D)
Total Cash in Bank	\$ 27,907,504	
Petty Cash	1,600	(E)
Total Operating Cash	\$ 27,909,104	
OPEB Trust	4,614,362	(F)
Total Cash and Investments	\$ 32,523,466	

Notes:

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

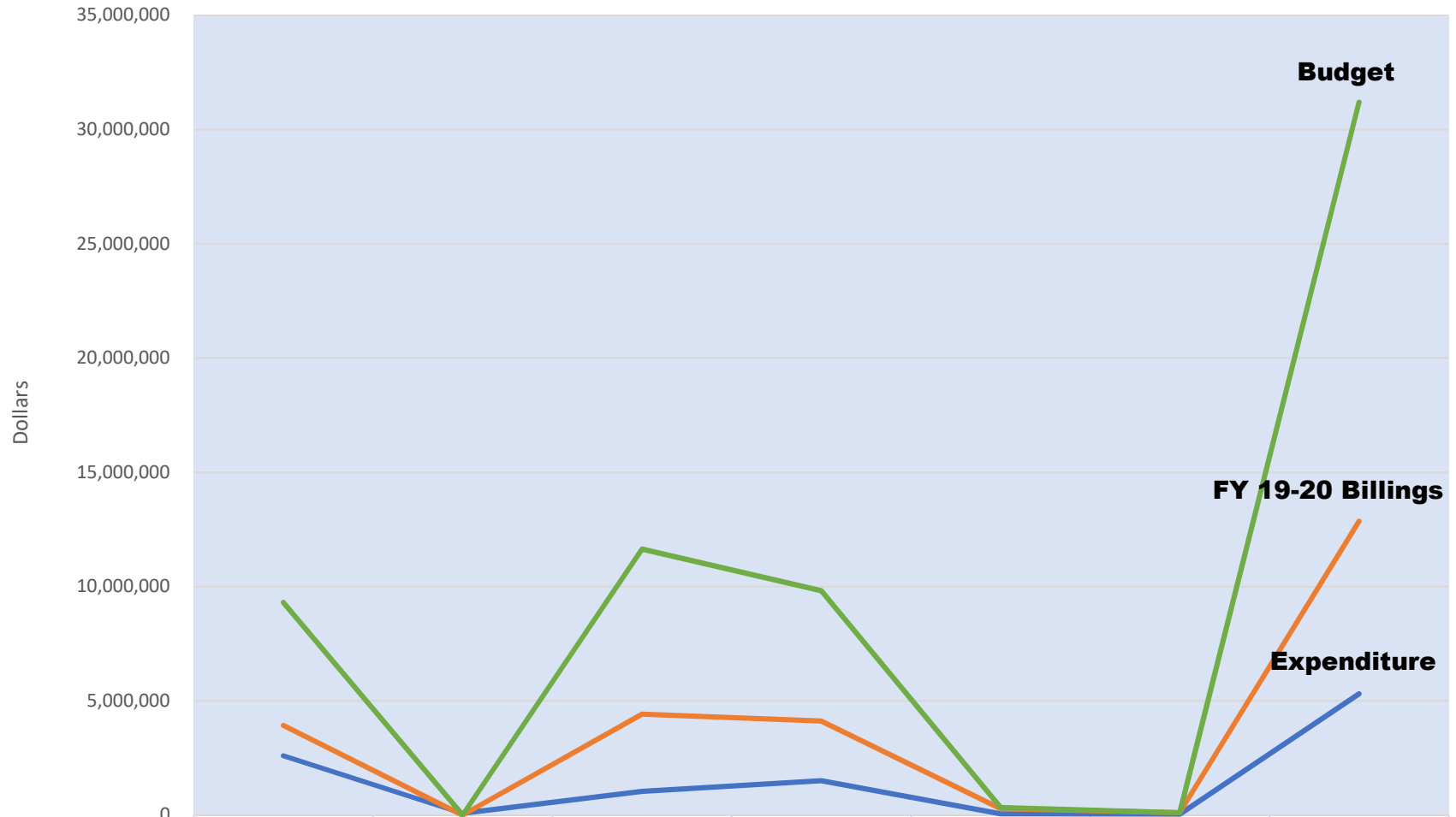
**South Orange County Wastewater Authority
Capital Projects Summaries
For the Period Ended March 31, 2020**

FY 2019-20 Budget vs. Actual Spending								
Description	Capital Budget	Fiscal Year Spending	(Over)/ Under Budget	% Expended	Member Agency Billed	Member Agency Collections	Past Due Receivables	% Expended vs. Billed
PC 2-JB Latham	9,301,575	2,594,626	6,706,949	27.9%	3,929,601	3,929,601		66.0%
* PC 5-San Juan Creek Outfall	-	81,162	(81,162)		-	-		
PC 15-Coastal	11,644,171	1,036,565	10,607,606	8.9%	4,413,254	4,413,254		23.5%
PC 17-Regional	9,817,108	1,509,126	8,307,982	15.4%	4,122,199	4,122,199		36.6%
PC 21 Effluent Transmission	329,666	53,646	276,019	16.3%	289,016	289,016		18.6%
PC 24 Aliso Creek Outfall	106,253	36,952	69,301	34.8%	106,253	106,253		34.8%
Total Large Capital	31,198,772	5,312,077	25,886,695	17.0%	12,860,323	12,860,323	-	41.3%
Non-Capital Engineering	838,687	74,641	764,046	8.9%	838,688	838,688		8.9%
Non-Capital Misc Engineering	425,000	48,077	376,923	11.3%	318,758	318,758		15.1%
Small Internal Capital	2,047,504	767,834	1,279,670	37.5%	1,535,628	1,535,628		50.0%
Total Capital	34,509,964	6,202,630	28,307,334	18.0%	15,553,397	15,553,397	-	39.9%

* PC 5 does not have a budget for FY 19-20 due to Cash on Hand for work that shifted into the current year.

Large Capital Projects Fiscal Year '19-20 Budget vs. Year-to-Date Expenditures & Billings as of 03/31/2020

Exhibit D-1



	PC 2-JB Latham	PC 5-San Juan Creek Outfall	PC 15-Coastal	PC 17-Regional	PC 21 Effluent Transmission	PC 24 Aliso Creek Outfall	Total Large Capital
Spent - YTD 12/31/19	2,594,626	81,162	1,036,565	1,509,126	53,646	36,952	5,312,077
FY 19-20 Billings	3,929,601	0	4,413,254	4,122,199	289,016	106,253	12,860,323
Capital Budget 19-20	9,301,575	-	11,644,171	9,817,108	329,666	106,253	31,198,772

**South Orange County Wastewater Authority
O & M & Environmental Safety Costs Summary**
For the Period Ended March 31, 2020

	FY 2019-20 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe						
5000.	Regular Salaries-O&M *	10,289	4,630,421	3,277,251	1,353,171	70.8%
5001.	Overtime Salaries-O&M		109,504	80,625	28,879	73.6% (1)
5306.	Scheduled Holiday Work		28,692	26,765	1,927	93.3%
5315.	Comp Time - O&M		7,796	9,908	(2,112)	127.1% (1)
5401.	Fringe Benefits IN to PC's & Depts.		3,323,840	2,317,757	1,006,083	69.7%
5700.	Standby Pay		67,600	51,368	16,232	76.0%
	Total Payroll Costs	10,289	8,167,853	5,763,673	2,404,180	70.6%
Other Expenses						
5002.	Electricity		1,022,564	845,971	176,593	82.7% (2)
5003.	Natural Gas		266,504	184,670	81,834	69.3%
5004.	Potable & Reclaimed Water		84,992	56,062	28,930	66.0%
5005.	Co-generation Power Credit		(325,004)	(367,025)	42,021	112.9% (3)
5006.	Chlorine/Sodium Hypochlorite		506,000	334,823	171,177	66.2%
5007.	Polymer Products		805,004	447,489	357,515	55.6%
5008.	Ferric Chloride		304,992	333,747	(28,755)	109.4% (4)
5009.	Odor Control Chemicals		130,000	79,354	50,646	61.0%
5010.	Other Chemicals - Misc.		2,996	-	2,996	0.0%
5011.	Laboratory Services		44,412	36,180	8,232	81.5%
5012.	Grit Hauling		128,252	100,903	27,349	78.7%
5013.	Landscaping		159,996	125,349	34,647	78.3%
5015.	Management Support Services		360,212	178,647	181,565	49.6%
5016.	Audit - Environmental		600	-	600	0.0%
5017.	Legal Fees		28,352	35,604	(7,252)	125.6%
5018.	Public Notices/ Public Relations		5,004	277	4,727	5.5%
5019.	Contract Services Misc.		199,996	236,318	(36,322)	118.2% (5)
5021.	Small Vehicle Expense		24,064	14,092	9,972	58.6%
5022.	Miscellaneous Expense		18,004	4,533	13,471	25.2%
5023.	Office Supplies - All		43,004	30,086	12,918	70.0%
5024.	Petroleum Products		49,004	28,568	20,437	58.3%
5025.	Uniforms		54,004	49,196	4,808	91.1% (6)
5026.	Small Vehicle Fuel		31,500	13,478	18,022	42.8%
5027.	Insurance - Property/Liability **	55,929	266,025	198,484	67,541	74.6%
5028.	Small Tools & Supplies		74,872	56,264	18,608	75.1%
5030.	Trash Disposal		6,992	5,378	1,614	76.9%
5031.	Safety Program & Supplies		117,356	92,066	25,290	78.5% (7)
5032.	Equipment Rental		7,004	5,803	1,201	82.9%
5033.	Recruitment		3,004	2,360	644	78.6%
5034.	Travel Expense/Tech. Conferences		61,932	39,379	22,553	63.6%
5035.	Training Expense		55,168	35,468	19,700	64.3%
5036.	Laboratory Supplies		93,256	69,307	23,949	74.3%
5037.	Office Equipment		25,000	4,577	20,423	18.3%
5038.	Permits		500,128	455,366	44,762	91.0% (8)
5039.	Membership Dues/Fees		22,892	32,439	(9,547)	141.7% (9)
5044.	Offshore Monitoring		36,000	40,605	(4,605)	112.8% (10)
5046.	Effluent Chemistry		28,004	22,754	5,250	81.3%
5047.	Access Road Expenses		49,000	21,706	27,294	44.3%
5048.	Storm Damage		20,008	549	19,459	2.7%
5049.	Biosolids Disposal		1,355,004	987,440	367,564	72.9%
5050.	Contract Services Generators - 29A		22,008	-	22,008	0.0%
5052.	Janitorial Services		102,008	58,469	43,539	57.3%
5053.	Contract Serv - Digester Cleaning - 29E		59,996	-	59,996	0.0%
5054.	Diesel Truck Maint		41,000	46,426	(5,426)	113.2% (11)
5055.	Diesel Truck Fuel - 37B		14,996	6,765	8,231	45.1%
5056.	Maintenance Equip. & Facilities (Solids)		356,004	214,495	141,509	60.3%
5057.	Maintenance Equip. & Facilities (Liquids)		663,000	460,530	202,470	69.5%
5058.	Maintenance Equip. & Facilities (Common)		87,008	71,956	15,052	82.7%
5059.	Maintenance Equip. & Facilities (Co-Gen)		957,996	507,860	450,136	53.0%
5060.	Maintenance Equip. & Facilities (AWT)		74,000	63,662	10,338	86.0% (12)
5061.	Mileage		2,508	1,620	888	64.6%
5068.	MNWD Potable Water Supplies & Svcs.		24,972	12,109	12,863	48.5%
5069.	Outfall Inspection/Port Cleaning		60,004	28,350	31,654	47.2%
5076.	SCADA Infrastructure		20,992	698	20,294	3.3%
5077.	IT Direct		16,080	12,771	3,309	79.4% (13)
5105.	Co-Generation Power Credit - Offset		325,000	367,025	(42,025)	112.9% (3)
5303.	Group Insurance Waiver		14,396	10,942	3,454	76.0%
5305.	Medicare Tax Payments for Employees		2,784	3,021	(237)	108.5%
5309.	Operating Leases		21,800	17,339	4,461	79.5%
5705.	Monthly Car Allowance		28,184	22,828	5,356	81.0%
5706.	Effluent Pond Cleaning		90,000	-	90,000	0.0%
02-5798.**	Covid-19 Cost		-	1,598	(1,598)	0.0%
02-5799-01-00-00	Zephyr Wall Costs Share - O&M		-	(14,079)	14,079	0.0%
6500.	IT Allocations in to PC's & Depts.		592,694	460,603	132,091	77.7%
	Total Other Expenses	55,929	10,244,527	7,191,769	3,052,758	70.2%
	Total O&M Expenses	66,218	18,412,380	12,955,442	5,456,938	70.4%

* Board approved (one year) payment of PEPRA employee's contribution rate increase

** Pooled Liability Retro Adjustment

South Orange County Wastewater Authority
O & M & Environmental Safety Costs Summary
For the Period Ended March 31, 2020

- (1) Staff is utilizing Comp Time more than Overtime Salaries and considering both line items together, the overall Overtime Budget is 77.18% of the FY amount.
- (2) Power costs are elevated, and the line item Budget may need to be adjusted due to high energy demand charges as discussed with the Board in May during the approval of the FY 2019-20 Budget.
- (3) The value of power is higher than anticipated during the budget process. This will be adjusted in the FY20/21 Budget.
Ferric chloride usage continues to be elevated due to sulfur type filamentous bacteria entering the plants from the collection system. O&M staff has increased Ferric dosing to trying to settle the bacteria in the primary clarifiers prior to biological treatment because these bacteria do not settle well and impact effluent quality. These bacteria are becoming more prevalent in the collection system to the plants with lower and lower sewer flows.
- (5) The Stanley access control and associated communication system was expanded. The increased costs will be included in the FY20-21 Budget.
- (6) Staff completed the restocking of PPE for the upcoming Winter; expenses are planned to level off.
- (7) The first quarter included the purchase of new boots per the Employee Manual; expenses are planned to level off.
- (8) Costs to date include SOCWA's annual renewal of its NPDES and SCAQMD permits; expenses are planned to level off.
- (9) Membership renewals include Water Research Foundation at an increase over prior membership.
- (10) Additional costs due to replacement of moors in the ocean for sample location identification.
- (11) Sludge hauling truck emissions control system repairs. Truck rented for several biosolids hauling trips.
- (12) Annual AWT cleaning completed; expenses are planned to level off.
- (13) PC specific SCADA laptops and software purchases, expenses have leveled off. Work at home equipment due to covid 19 may increase expenses in the later half of the FY. Response costs are being tracked for submission to FEMA.

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended March 31, 2020

	FY 2019-20 Budget	Board Approved Expenditures*	Board Approved Expenditures*	Actual	(Over)/Under Budget	%Expended
02 - Jay B. Latham Plant						
Salary and Fringe						
02-5000-**-**	Regular Salaries-O&M *	1,539,152	5,045	1,544,197	353,686	77.1%
02-5001-**-**	Overtime Salaries-O&M	35,144		35,144	31,870	90.7% (1)
02-5306-**-**	Scheduled Holiday Work	13,324		13,324	10,932	82.0%
02-5315-**-**	Comp Time - O&M	3,508		3,508	5,762	(2,254) 164.3% (1)
02-5401-**-**	Fringe Benefits IN to PC's & Depts.	1,107,296		1,107,296	841,681	265,615 76.0%
02-5700-**-**	Standby Pay	13,520		13,520	19,667	(6,147) 145.5% (2)
	Total Payroll Costs	2,711,944	5,045	2,716,989	616,566	77.3%
Other Expenses						
02-5002-**-**	Electricity	399,688		399,688	371,514	28,174 93.0% (3)
02-5003-**-**	Natural Gas	168,004		168,004	76,331	91,673 45.4%
02-5004-**-**	Potable & Reclaimed Water	24,000		24,000	17,193	6,807 71.6%
02-5006-**-**	Chlorine/Sodium Hypochlorite	5,000		5,000	5,511	(511) 110.2% (4)
02-5007-**-**	Polymer Products	322,000		322,000	162,634	159,366 50.5%
02-5008-**-**	Ferric Chloride	103,736		103,736	107,986	(4,250) 104.1% (5)
02-5009-**-**	Odor Control Chemicals	28,988		28,988	14,589	14,399 50.3%
02-5010-**-**	Other Chemicals - Misc.	1,000		1,000	-	1,000 0.0%
02-5011-**-**	Laboratory Services	10,916		10,916	5,487	5,429 50.3%
02-5012-**-**	Grit Hauling	51,252		51,252	42,247	9,005 82.4%
02-5013-**-**	Landscaping	41,780		41,780	42,232	(452) 101.1% (6)
02-5015-**-**	Management Support Services	33,004		33,004	18,401	14,603 55.8%
02-5017-**-**	Legal Fees	3,328		3,328	2,354	974 70.7%
02-5019-**-**	Contract Services Misc.	60,240		60,240	59,273	967 98.4%
02-5021-**-**	Small Vehicle Expense	10,004		10,004	4,549	5,455 45.5%
02-5022-**-**	Miscellaneous Expense	8,000		8,000	3,356	4,644 41.9%
02-5023-**-**	Office Supplies - All	28,000		28,000	15,567	12,433 55.6%
02-5024-**-**	Petroleum Products	14,124		14,124	7,557	6,567 53.5%
02-5025-**-**	Uniforms	20,000		20,000	20,284	(284) 101.4% (7)
02-5026-**-**	Small Vehicle Fuel	15,004		15,004	7,200	7,804 48.0%
02-5027-**-**	Insurance - Property/Liability **	68,556	18,250	86,806	67,062	19,744 77.3%
02-5028-**-**	Small Tools & Supplies	35,496		35,496	18,385	17,111 51.8%
02-5030-**-**	Trash Disposal	2,000		2,000	2,638	(638) 131.9%
02-5031-**-**	Safety Program & Supplies	39,652		39,652	29,435	10,217 74.2% (8)
02-5032-**-**	Equipment Rental	3,000		3,000	2,289	711 76.3%
02-5033-**-**	Recruitment	1,000		1,000	710	290 71.0%
02-5034-**-**	Travel Expense/Tech. Conferences	15,964		15,964	9,987	5,977 62.6% (9)
02-5035-**-**	Training Expense	13,168		13,168	10,854	2,314 82.4%
02-5036-**-**	Laboratory Supplies	14,520		14,520	10,801	3,719 74.4%
02-5037-**-**	Office Equipment	13,000		13,000	2,444	10,556 18.8%
02-5038-**-**	Permits	22,500		22,500	19,870	2,630 88.3%
02-5039-**-**	Membership Dues/Fees	4,200		4,200	11,993	(7,793) 285.6% (10)
02-5049-**-**	Biosolids Disposal	450,000		450,000	343,582	106,418 76.4%
02-5050-**-**	Contract Services Generators - 29A	10,004		10,004	-	10,004 0.0%
02-5052-**-**	Janitorial Services	41,000		41,000	29,358	11,642 71.6%
02-5053-**-**	Contract Serv - Digester Cleaning - 29E	59,996		59,996	-	59,996 0.0%
02-5054-**-**	Diesel Truck Maint	21,000		21,000	21,306	(306) 101.5% (27)
02-5055-**-**	Diesel Truck Fuel - 37B	6,000		6,000	2,210	3,790 36.8%
02-5056-**-**	Maintenance Equip. & Facilities (Solids)	155,004		155,004	102,835	52,169 66.3%
02-5057-**-**	Maintenance Equip. & Facilities (Liquids)	254,000		254,000	163,155	90,845 64.2%
02-5058-**-**	Maintenance Equip. & Facilities (Common)	28,000		28,000	45,106	(17,106) 161.1% (11)
02-5059-**-**	Maintenance Equip. & Facilities (Co-Gen)	369,996		369,996	195,287	174,709 52.8%
02-5061-**-**	Mileage	1,504		1,504	643	861 42.8%
02-5076-**-**	SCADA Infrastructure	6,996		6,996	698	6,298 10.0%
02-5077-**-**	IT Direct	8,040		8,040	6,294	1,746 78.3% (12)
02-5303-**-**	Group Insurance Waiver	3,600		3,600	2,736	864 76.0%
02-5305-**-**	Medicare Tax Payments for Employees	1,116		1,116	1,598	(482) 143.2%
02-5309-**-**	Operating Leases	21,800		21,800	17,339	4,461 79.5%
02-5705-**-**	Monthly Car Allowance	12,592		12,592	13,253	(661) 105.3%
02-5798-**-**	Covid-19 Cost	-		-	1,598	(1,598) 0.0%
02-5799-01-00-00	Zephyr Wall Costs Share - O&M	-		-	(14,079)	14,079 0.0%
02-6500-**-**	IT Allocations in to PC's & Depts.	197,448		197,448	153,444	44,004 77.7%
	Total Other Expenses	3,229,220	18,250	3,247,470	990,375	69.5%
	Total Expenses	5,941,164	23,295	5,964,459	1,606,942	73.1%

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended March 31, 2020

		FY 2019-20 Budget	Board Approved Expenditures*	Board Approved Expenditures*	Actual	(Over)/Under Budget	%Expended
05 - San Juan Creek Ocean Outfall							
Salary and Fringe							
05-5000-**-**	Regular Salaries-O&M *	102,104		102,104	81,599	20,505	79.9%
05-5001-**-**	Overtime Salaries-O&M	900		900	480	420	53.3%
05-5306-**-**	Scheduled Holiday Work				195	(195)	0.0%
05-5401-**-**	Fringe Benefits IN to PC's & Depts.	73,456		73,456	57,935	15,521	78.9%
	Total Payroll Costs	176,460	-	176,460	140,208	36,252	79.5%
Other Expenses							
05-5003-**-**	Natural Gas	500		500	-	500	0.0%
05-5015-**-**	Management Support Services	15,004		15,004	6,262	8,742	41.7%
05-5017-**-**	Legal Fees	3,012		3,012	1,220	1,792	40.5%
05-5027-**-**	Insurance - Property/Liability **	6,248	1,663	7,911	5,784	2,127	73.1%
05-5031-**-**	Safety Supplies	1,004		1,004	140	864	13.9%
05-5034-**-**	Travel Expense/Tech. Conferences	3,712		3,712	2,702	1,010	72.8%
05-5035-**-**	Training Expense	5,988		5,988	110	5,878	1.8%
05-5036-**-**	Laboratory Supplies	19,468		19,468	14,183	5,285	72.9%
05-5038-**-**	Permits	196,000		196,000	195,884	116	99.9% (13)
05-5039-**-**	Membership Dues/Fees	5,496		5,496	-	5,496	0.0%
05-5044-**-**	Offshore Monitoring	18,000		18,000	17,783	217	98.8% (14)
05-5046-**-**	Effluent Chemistry	14,000		14,000	11,220	2,781	80.1%
05-5058-**-**	Maintenance Equip. & Facilities (Common)	1,004		1,004	-	1,004	0.0%
05-5069-**-**	Misc-Capital-Dilution & Metering Study	30,000		30,000	16,345	13,655	54.5%
05-6500-**-**	IT Allocations in to PC's & Depts.	13,100		13,100	10,180	2,920	77.7%
	Total Other Expenses	332,536	1,663	334,199	281,812	52,387	84.3%
	Total Expenses	508,996	1,663	510,659	422,020	88,639	82.6%
08 - Pre Treatment							
Salary and Fringe							
08-5000-**-**	Regular Salaries-O&M *	92,352		92,352	62,588	29,764	67.8%
08-5315-**-**	Comp Time - Environment	-		-	335	(335)	0.0%
08-5401-**-**	Fringe Benefits IN to PC's & Depts.	66,436		66,436	42,372	24,064	63.8%
	Total Payroll Costs	158,788	-	158,788	105,295	53,494	66.3%
Other Expenses							
08-5011-**-**	Laboratory Services	2,996		2,996	1,565	1,431	52.2%
08-5015-**-**	Management Support Services	2,004		2,004	-	2,004	0.0%
08-5016-**-**	Audit - Environmental	600		600	-	600	0.0%
08-5017-**-**	Legal Fees	2,504		2,504	-	2,504	0.0%
08-5018-**-**	Public Notices/ Public Relations	5,004		5,004	277	4,727	5.5%
08-5021-**-**	Small Vehicle Expense - 31A	1,056		1,056	43	1,013	4.1%
08-5022-**-**	Miscellaneous Expense	2,004		2,004	-	2,004	0.0%
08-5026-**-**	Small Vehicle Fuel - 37A	1,500		1,500	463	1,037	30.9%
08-5027-**-**	Insurance - Property/Liability **	2,160	575	2,735	2,021	714	73.9%
08-5028-**-**	Small Tools & Supplies	3,876		3,876	1,300	2,576	33.5%
08-5031-02-00-00	Safety Program & Supplies	-		-	197	(197)	0.0%
08-5034-**-**	Travel Expense/Tech. Conferences	4,348		4,348	1,271	3,077	29.2%
08-5035-**-**	Training Expense	1,564		1,564	1,615	(51)	103.3% (9)
08-5038-**-**	Permits and Fines	10,012		10,012	-	10,012	0.0%
08-5039-**-**	Membership Dues/Fees	1,016		1,016	741	275	72.9% (10)
08-6500-**-**	IT Allocations in to PC's & Depts.	11,840		11,840	9,207	2,634	77.8%
	Total Other Expenses	52,484	575	53,059	18,700	34,360	35.2%
	Total Expenses	211,272	575	211,847	123,994	87,853	58.5%
12 - Water Reclamation Permits							
Salary and Fringe							
12-5000-**-**	Regular Salaries-O&M *	35,084		35,084	46,131	(11,047)	131.5% (16)
12-5401-**-**	Fringe Benefits IN to PC's & Depts.	25,248		25,248	32,753	(7,505)	129.7% (16)
	Total Payroll Costs	60,332	-	60,332	78,884	(18,552)	130.8%
Other Expenses							
12-5015-**-**	Management Support Services	270,000		270,000	109,660	160,340	40.6%
12-5017-**-**	Legal Fees	2,004		2,004	-	2,004	0.0%
12-5027-**-**	Insurance - Property/Liability **	2,364	629	2,993	2,275	718	76.0%
12-5034-**-**	Travel Expense/Tech. Conferences	2,280		2,280	-	2,280	0.0%
12-5038-**-**	Permits	20,000		20,000	20,708	(708)	103.5% (13)
12-6500-**-**	IT Allocations in to PC's & Depts.	4,508		4,508	3,499	1,009	77.6%
	Total Other Expenses	301,156	629	301,785	136,142	165,643	45.1%
	Total Expenses	361,488	629	362,117	215,026	147,091	59.4%

**South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC**
For the Period Ended March 31, 2020

	FY 2019-20 Budget	Board Approved Expenditures*	Board Approved Expenditures*	Actual	(Over)/Under Budget	%Expended
15 - Coastal Treatment Plant						
Salary and Fringe						
15-5000-**-**	Regular Salaries-O&M *	954,416	1,115	955,531	620,327	335,204 64.9%
15-5001-**-**	Overtime Salaries-O&M	18,928		18,928	13,284	5,644 70.2%
15-5306-**-**	Scheduled Holiday Work	2,596		2,596	4,200	(1,604) 161.8% (30)
15-5315-**-**	Comp Time - O&M	4,288		4,288	2,137	2,151 49.8%
15-5401-**-**	Fringe Benefits IN to PC's & Depts.	686,636		686,636	439,640	246,996 64.0%
15-5700-**-**	Standby Pay	27,040		27,040	6,602	20,438 24.4%
	Total Payroll Costs	1,693,904	1,115	1,695,019	1,086,190	608,829 64.1%
Other Expenses						
15-5002-**-**	Electricity	270,960		270,960	179,233	91,727 66.1%
15-5003-**-**	Natural Gas	3,000		3,000	2,204	796 73.5%
15-5004-**-**	Potable & Reclaimed Water	30,996		30,996	18,021	12,975 58.1%
15-5006-**-**	Chlorine/Sodium Hypochlorite	99,000		99,000	54,737	44,263 55.3%
15-5007-**-**	Polymer Products	1,004		1,004	-	1,004 0.0%
15-5008-**-**	Ferric Chloride	28,368		28,368	32,957	(4,589) 116.2% (5)
15-5009-**-**	Odor Control Chemicals	56,216		56,216	32,506	23,710 57.8%
15-5011-**-**	Laboratory Services	14,000		14,000	7,981	6,020 57.0%
15-5012-**-**	Grit Hauling	30,000		30,000	17,789	12,211 59.3%
15-5013-**-**	Landscaping	50,548		50,548	35,950	14,598 71.1%
15-5015-**-**	Management Support Services	4,500		4,500	5,799	(1,299) 128.9% (24)
15-5017-**-**	Legal Fees	15,000		15,000	1,715	13,285 11.4%
15-5019-**-**	Contract Services Misc.	59,036		59,036	81,081	(22,045) 137.3% (31)
15-5021-**-**	Small Vehicle Expense - 31A	6,004		6,004	823	5,181 13.7%
15-5022-**-**	Miscellaneous Expense	2,996		2,996	324	2,672 10.8%
15-5023-**-**	Office Supplies - All	4,004		4,004	6,274	(2,270) 156.7% (17)
15-5024-**-**	Petroleum Products	1,660		1,660	1,624	36 97.8%
15-5025-**-**	Uniforms	9,000		9,000	7,508	1,492 83.4%
15-5026-**-**	Small Vehicle Fuel - 37A	5,000		5,000	995	4,005 19.9%
15-5027-**-**	Insurance - Property/Liability **	35,372	9,416	44,788	32,798	11,990 73.2%
15-5028-**-**	Small Tools & Supplies	9,524		9,524	13,308	(3,784) 139.7% (18)
15-5030-**-**	Trash Disposal	2,996		2,996	1,343	1,653 44.8%
15-5031-**-**	Safety Program & Supplies	36,048		36,048	14,644	21,404 40.6%
15-5032-**-**	Equipment Rental	1,000		1,000	3,514	(2,514) 351.4% (32)
15-5033-**-**	Recruitment	1,000		1,000	679	321 67.9%
15-5034-**-**	Travel Expense/Tech. Conferences	15,968		15,968	5,660	10,308 35.4%
15-5035-**-**	Training Expense	13,268		13,268	10,855	2,413 81.8%
15-5036-**-**	Laboratory Supplies	16,500		16,500	14,330	2,170 86.8%
15-5037-**-**	Office Equipment	2,000		2,000	682	1,318 34.1%
15-5038-**-**	Permits	23,236		23,236	7,638	15,598 32.9%
15-5039-**-**	Membership Dues/Fees	2,368		2,368	9,403	(7,035) 397.1% (10)
15-5047-**-**	Access Road Expenses	49,000		49,000	21,706	27,294 44.3%
15-5048-**-**	Storm Damage	20,008		20,008	549	19,459 2.7%
15-5050-**-**	Contract Services Generators - 29A	4,004		4,004	-	4,004 0.0%
15-5052-**-**	Janitorial Services	20,008		20,008	8,397	11,611 42.0%
15-5054-**-**	Diesel Truck Maint - 31B	996		996	637	359 64.0%
15-5055-**-**	Diesel Truck Fuel - 37B	996		996	-	996 0.0%
15-5057-**-**	Maintenance Equip. & Facilities (Liquids)	179,000		179,000	116,650	62,350 65.2%
15-5058-**-**	Maintenance Equip. & Facilities (Common)	22,000		22,000	6,441	15,559 29.3%
15-5060-**-**	Maintenance Equip. & Facilities (AWT) 41-E	37,000		37,000	13,491	23,509 36.5%
15-5061-01-00-00	Mileage	-		-	353	(353) 0.0%
15-5076-**-**	SCADA Infrastructure	6,996		6,996	-	6,996 0.0%
15-5077-01-00-00	IT Direct	-		-	3,239	(3,239) 0.0% (19)
15-5303-**-**	Group Insurance Waiver	3,604		3,604	2,736	868 75.9%
15-5305-**-**	Medicare Tax Payments for Employees	1,668		1,668	1,423	245 85.3%
15-5705-**-**	Monthly Car Allowance	4,200		4,200	3,192	1,008 76.0%
15-6500-**-**	IT Allocations in to PC's & Depts.	122,436		122,436	95,151	27,285 77.7%
	Total Other Expenses	1,323,488	9,416	1,332,904	874,145	458,759 65.6%
	Total Expenses	3,017,392	10,532	3,027,924	1,960,336	1,067,588 64.7%

**South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended March 31, 2020**

	FY 2019-20 Budget	Board Approved Expenditures*	Board Approved Expenditures*	Actual	(Over)/Under Budget	%Expended
17 - Joint Regional Wastewater Reclamation and Sludge Handling						
Salary and Fringe						
17-5000-**-**	Regular Salaries-O&M *	1,797,416	4,129	1,801,545	1,196,174	605,371 66.4%
17-5001-**-**	Overtime Salaries-O&M	54,072		54,072	31,537	22,535 58.3%
17-5306-**-**	Scheduled Holiday Work	12,772		12,772	10,973	1,799 85.9%
17-5315-02-01-00	Comp Time - O&M	-		-	1,606	(1,606) 0.0%
17-5401-**-**	Fringe Benefits IN to PC's & Depts.	1,293,120		1,293,120	846,632	446,488 65.5%
17-5700-**-**	Standby Pay	27,040		27,040	25,099	1,941 92.8%
	Total Payroll Costs	3,184,420	4,129	3,188,549	2,112,020	1,076,529 66.2%
Other Expenses						
17-5002-**-**	Electricity	351,916		351,916	295,224	56,692 83.9% (20)
17-5003-**-**	Natural Gas	95,000		95,000	106,136	(11,136) 111.7% (21)
17-5004-**-**	Potable & Reclaimed Water	29,996		29,996	20,848	9,148 69.5%
17-5005-**-**	Co-generation Power Credit	(325,004)		(325,004)	(367,025)	42,021 112.9% (29)
17-5006-**-**	Chlorine/Sodium Hypochlorite	402,000		402,000	274,575	127,425 68.3% (22)
17-5007-**-**	Polymer Products	482,000		482,000	284,856	197,144 59.1%
17-5008-**-**	Ferric Chloride	172,888		172,888	192,805	(19,917) 111.5% (5)
17-5009-**-**	Odor Control Chemicals	44,796		44,796	32,259	12,537 72.0%
17-5010-**-**	Other Chemicals - Misc.	1,996		1,996	-	1,996 0.0%
17-5011-**-**	Laboratory Services	16,500		16,500	9,948	6,552 60.3%
17-5012-**-**	Grit Hauling - 21A	47,000		47,000	40,867	6,133 87.0% (23)
17-5013-**-**	Landscaping	67,668		67,668	47,167	20,501 69.7%
17-5015-**-**	Management Support Services	13,204		13,204	18,802	(5,598) 142.4% (24)
17-5017-**-**	Legal Fees	1,500		1,500	28,514	(27,014) 1901.0% (25)
17-5019-**-**	Contract Services Misc.	80,720		80,720	95,807	(15,087) 118.7%
17-5021-**-**	Small Vehicle Expense	7,000		7,000	8,677	(1,677) 124.0% (26)
17-5022-**-**	Miscellaneous Expense	5,004		5,004	853	4,151 17.0%
17-5023-**-**	Office Supplies - All	11,000		11,000	8,245	2,755 75.0%
17-5024-**-**	Petroleum Products	33,220		33,220	19,387	13,833 58.4%
17-5025-**-**	Uniforms	25,004		25,004	21,404	3,600 85.6%
17-5026-**-**	Small Vehicle Fuel	9,996		9,996	4,820	5,176 48.2%
17-5027-**-**	Insurance - Property/Liability **	88,132	23,461	111,593	81,869	29,724 73.4%
17-5028-**-**	Small Tools & Supplies	25,976		25,976	23,271	2,705 89.6% (18)
17-5030-**-**	Trash Disposal	1,996		1,996	1,397	599 70.0%
17-5031-**-**	Safety Program & Supplies	39,648		39,648	47,651	(8,003) 120.2% (8)
17-5032-**-**	Equipment Rental	3,004		3,004	-	3,004 0.0%
17-5033-**-**	Recruitment	1,004		1,004	971	33 96.7%
17-5034-**-**	Travel Expense/Tech. Conferences	15,956		15,956	17,057	(1,101) 106.9% (9)
17-5035-**-**	Training Expense	15,172		15,172	9,034	6,138 59.5%
17-5036-**-**	Laboratory Supplies	23,208		23,208	15,729	7,479 67.8%
17-5037-**-**	Office Equipment	10,000		10,000	1,451	8,549 14.5%
17-5038-**-**	Permits	41,624		41,624	23,799	17,825 57.2%
17-5039-**-**	Membership Dues/Fees	4,312		4,312	10,301	(5,989) 238.9% (10)
17-5049-**-**	Biosolids Disposal	905,004		905,004	643,858	261,146 71.1%
17-5050-**-**	Contract Services Generators - 29A	8,000		8,000	-	8,000 0.0%
17-5052-**-**	Janitorial Services	41,000		41,000	20,715	20,285 50.5%
17-5054-**-**	Diesel Truck Maint	19,004		19,004	24,483	(5,479) 128.8% (27)
17-5055-**-**	Diesel Truck Fuel - 37B	8,000		8,000	4,555	3,445 56.9%
17-5056-**-**	Maintenance Equip. & Facilities (Solids)	201,000		201,000	111,660	89,340 55.6%
17-5057-**-**	Maintenance Equip. & Facilities (Liquids)	230,000		230,000	180,724	49,276 78.6%
17-5058-**-**	Maintenance Equip. & Facilities (Common)	35,000		35,000	20,410	14,590 58.3%
17-5059-**-**	Maintenance Equip. & Facilities (Co-Gen)	588,000		588,000	312,573	275,427 53.2%
17-5060-**-**	Maintenance Equip. & Facilities (AWT)	37,000		37,000	50,171	(13,171) 135.6% (28)
17-5061-**-**	Mileage	1,004		1,004	624	380 62.1%
17-5068-**-**	MNWD Potable Water Supplies & Svcs.	24,972		24,972	12,109	12,863 48.5%
17-5076-**-**	SCADA Infrastructure	7,000		7,000	-	7,000 0.0%
17-5077-**-**	IT Direct	8,040		8,040	3,239	4,801 40.3%
17-5105-**-**	Co-Generation Power Credit - Offset	325,000		325,000	367,025	(42,025) 112.9% (29)
17-5303-**-**	Group Insurance Waiver	7,192		7,192	5,471	1,721 76.1%
17-5705-**-**	Monthly Car Allowance	11,392		11,392	6,383	5,009 56.0%
17-5706-**-**	Effluent Pond Cleaning	90,000		90,000	-	90,000 0.0%
17-6500-**-**	IT Allocations in to PC's & Depts.	230,586		230,586	179,193	51,393 77.7%
	Total Other Expenses	4,620,630	23,461	4,644,091	3,320,001	1,324,090 71.5%
	Total Expenses	7,805,050	27,590	7,832,640	5,432,021	2,400,619 69.4%

**South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC**
For the Period Ended March 31, 2020

	FY 2019-20 Budget	Board Approved Expenditures*	Board Approved Expenditures*	Actual	(Over)/Under Budget	%Expended
21 - Effluent Transmission Main						
Salary and Fringe						
21-5000-**-**	-	-	-	4,740	(4,740)	0.0%
21-5001-**-**	-	-	-	2,851	(2,851)	0.0%
21-5401-**-**	-	-	-	3,366	(3,366)	0.0%
				<u>10,957</u>	<u>(10,957)</u>	<u>0.0%</u>
Total Payroll Costs						
	-	-	-	10,957	(10,957)	0.0%
Other Expenses						
21-5019-**-**	-	-	-	157	(157)	0.0%
21-5027-**-**	740	197	937	655	282	69.9%
	<u>740</u>	<u>197</u>	<u>937</u>	<u>1,408</u>	<u>(471)</u>	<u>150.2%</u>
Total Expenses	740	197	937	12,364	(11,427)	1319.6% (15)
23 - North Coast Interceptor						
Other Expenses						
23-5011-02-00-00	-	-	-	11,200	(11,200)	0.0%
23-5015-01-00-00	-	-	-	16,011	(16,011)	0.0%
23-5017-01-00-00	-	-	-	1,800	(1,800)	0.0%
	<u>-</u>	<u>-</u>	<u>-</u>	<u>29,010</u>	<u>(29,010)</u>	<u>0.0%</u>
Total Other Expenses	-	-	-	29,010	(29,010)	0.0%
	-	-	-	29,010	(29,010)	0.0%
24 - Aliso Creek Ocean Outfall						
Salary and Fringe						
24-5000-**-**	99,608	-	99,608	75,181	24,427	75.5%
24-5001-**-**	460	-	460	603	(143)	131.2%
24-5306-01-11-00	-	-	-	466	(466)	0.0%
24-5315-02-11-00	-	-	-	68	(68)	0.0%
24-5401-**-**	71,648	-	71,648	53,379	18,269	74.5%
	<u>171,716</u>	<u>-</u>	<u>171,716</u>	<u>129,697</u>	<u>42,019</u>	<u>75.5%</u>
Total Payroll Costs	171,716	-	171,716	129,697	42,019	75.5%
Other Expenses						
24-5015-**-**	22,496	-	22,496	3,712	18,784	16.5%
24-5017-**-**	1,004	-	1,004	-	1,004	0.0%
24-5027-**-**	6,524	1,737	8,261	6,019	2,241	72.9%
24-5031-**-**	1,004	-	1,004	-	1,004	0.0%
24-5034-**-**	3,704	-	3,704	2,702	1,002	73.0%
24-5035-**-**	6,008	-	6,008	3,000	3,008	49.9%
24-5036-**-**	19,560	-	19,560	14,264	5,296	72.9%
24-5038-**-**	186,756	-	186,756	187,466	(710)	100.4% (13)
24-5039-**-**	5,500	-	5,500	-	5,500	0.0%
24-5044-**-**	18,000	-	18,000	22,823	(4,823)	126.8% (14)
24-5046-**-**	14,004	-	14,004	11,535	2,470	82.4%
24-5058-**-**	1,004	-	1,004	-	1,004	0.0%
24-5069-**-**	30,004	-	30,004	12,005	17,999	40.0%
24-6500-**-**	12,776	-	12,776	9,930	2,846	77.7%
	<u>328,344</u>	<u>1,737</u>	<u>330,081</u>	<u>273,455</u>	<u>56,625</u>	<u>82.8%</u>
Total Other Expenses	328,344	1,737	330,081	273,455	56,625	82.8%
	328,344	1,737	330,081	273,455	56,625	82.8%
Total Expenses	500,060	1,737	501,797	403,153	98,644	80.3%
	500,060	1,737	501,797	403,153	98,644	80.3%
Total O&M Expenses	18,346,162	66,218	18,412,380	12,955,442	5,456,938	70.4%

* Board approved (one year) payment of PEPRAs employee's contribution rate increase
** Pooled Liability Retro Adjustment

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
 For the Period Ended March 31, 2020

- (1) Staff is utilizing Comp Time more than Overtime and considering both line items together, JBL and CTP are slightly over budget and RTP is under budget.
- (2) Standby Pay is elevated due to the rotation schedule of the staff. The overall Standby Pay for O&M is on Budget and is anticipated to level out over the FY.
- (3) Power costs are elevated, and the line item Budget may need to be adjusted due to high energy demand charges as discussed with the Board in May during the approval of the FY 2019-20 Budget.
- (4) A leak in the fiberglass tank required staff to drain the bleach tank and refill it. The bleach drained from the leaking tank is being stored in temporary totes and will be used over the next few months.
 Ferric chloride usage continues to be elevated due to sulfur type filamentous bacteria entering the plants from the collection system. O&M staff has increased Ferric dosing to trying to settle the bacteria in the primary clarifiers prior to biological treatment because these bacteria do not settle well and impact effluent quality. These bacteria are becoming more prevalent in the collection system to the plants with lower and lower sewer flows. Ferric chloride usage is elevated in the summer at CTP and lowers in the winter; expenses are planned to level off.
- (5) Annual trees work was completed at the beginning of the FY; expenses are planned to level off.
- (6) Staff completed the restocking of PPE for the upcoming Winter; expenses are planned to level off.
- (7) The first quarter included the purchase of new boots per the Employee Manual; expenses have leveled off.
- (8) Two of the three planned major conferences were attended by staff in the first quarter of the Fiscal Year including, WEFTEC and HACHWIMS; expenses have leveled off and may be under budget due to cancellation of conferences.
- (9) Membership renewals include Water Research Foundation at an increase in cost.
- (10) The access gates and parking lot lighting poles were removed and recoated due to deterioration and corrosion from the ocean air.
- (11) Staff purchased an additional software license for JBL's Lockout-Tagout procedures. Also, a JBL SCADA laptop was replaced. Since both items are directly attributed to JBL, they are charged to PC-2; expenses are planned to level off.
- (12) Costs to date include SOCWA's annual renewal of its NPDES and SCAQMD permits; expenses are planned to level off.
- (13) Additional costs due to replacement of moors in the ocean for sample location identification.
- (14) ETM costs are elevated due to emergency repairs. O&M staff will request a budget amendment for PC21.
- (15) Intern time included in this budget line item.
- (16) CTP staff is overhauling the documents storage systems for the treatment plant; expenses are planned to level off.
- (17) O&M staff procured a number of tools at the beginning of the FY; expenses are planned to level off.
- (18) A CTP SCADA laptop was replaced and is directly attributed to CTP and will be charged to PC-15; expenses are planned to level off.
 Additional power is being purchased due to warranty work on the new engine. Power costs are elevated, and the line item Budget may need to be adjusted due to high energy demand charges as discussed with the Board in May during the approval of the FY 2019-20 Budget.
- (19) Additional gas is being purchased due to warranty work on the new engine gas cleaning system.
- (20) Bleach usage is elevated in the summer at RTP and lowers with lower recycled water demand in the winter; expenses are planned to level off.
- (21) Grit deliveries are higher than expected due to heavy rains pushing additional debris down the sewer and into the Treatment Plant.
- (22)
- (23)

South Orange County Wastewater Authority
O&M Budget vs. Actual Comparison by PC
For the Period Ended March 31, 2020

- (24) RTP and CTP required additional stormwater assessments due to elevated levels of ammonia and bacteria under the industrial stormwater program; expenses are planned to level off.
- (25) Several O&M contracts are being reviewed and updated for the new engine at RTP.
- (26) O&M staff overhauled the tow motor used to move the girt bins around. The project was planned for next year but the unit failed quicker than expected.
- (27) Sludge hauling truck emissions control system repairs. Truck rented for several biosolids hauling trips.
- (28) O&M staff completed the annual overhaul of the AWT to prepare for summer. The project includes a complete shutdown, equipment inspection, and performing needed repairs.
- (29) The value of power is higher than anticipated during the budget process. This will be adjusted in the FY20/21 Budget.
- (30) Additional staff has been stationed at CTP during holidays to better to perform necessary process control changes with increased flows from Laguna Beach, EBSD and SCWD during holidays.
- (31) The Stanley access control and associated communication system was expanded. The increased costs will be included in the FY20-21 Budget.
- (32) CTP staff rented equipment to replace a number of broken lights in the Headworks Building.

**South Orange County Wastewater Authority
Budget vs. Actual Comparison - Engineering**
For the Period Ended March 31, 2020

		FY 2019-20 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe							
01-5000-03-00-00	Regular Salaries-O&M*	207,349	714	208,063	145,152	62,911	69.8%
01-5401-03-00-00	Fringe Benefits IN to PC's & Depts.	149,173		149,173	102,551	46,622	68.7%
	Total Payroll Costs	356,522	714	357,236	247,702	109,533	69.3%
Other Expenses							
01-5015-03-00-00	Management Support Services	9,600		9,600	-	9,600	0.0%
-5022--**-00	Miscellaneous Expense	3,121		3,121	69	3,052	2.2%
01-5023-03-00-00	Office Supplies - All	204		204	90	114	43.9%
01-5031-03-00-00	Safety Supplies	300		300	-	300	0.0%
01-5034-03-00-00	Travel Expense/Tech. Conferences	12,625		12,625	5,202	7,423	41.2%
01-5035-03-00-00	Training Expense	4,400		4,400	278	4,122	6.3%
01-5037-03-00-00	Office Equipment	400		400	-	400	0.0%
01-5039-03-00-00	Membership Dues/Fees	1,350		1,350	728	622	53.9%
01-5061-03-00-00	Mileage	500		500	263	237	52.6%
01-5309-03-00-00	Operating Leases	6,695		6,695	5,757	938	86.0%
01-5705-03-00-00	Monthly Car Allowance	5,250		5,250	3,838	1,412	73.1%
01-5802-03-00-00	Shipping/Freight	306		306	-	306	0.0%
01-6500-03-00-00	IT Allocations in to PC's & Depts.	55,588		55,588	43,199	12,389	77.7%
	Total Other Expenses	100,339	-	100,339	59,424	40,915	59.2%
	Total Engineering Expenses	456,862	714	457,575	307,127	150,448	67.1%

* Board approved (one year) payment of PEPRA employee's contribution rate increase

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

For the Period Ended March 31, 2020

		FY 2019-20 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended
Salary and Fringe							
01-6000-04-00-00	Regular Salaries-Admin or IT*	1,030,445	3,092	1,033,537	693,855	339,682	67.1%
01-6001-04-00-00	Overtime Salaries-Admin or IT	6,000		6,000	22,449	(16,449)	374.2% (1)
01-6315-04-00-00	Comp Time - Admin	5,000		5,000	8,379	(3,379)	167.6%
01-6401-04-00-00	Fringe Benefits IN to ADMIN or IT	741,332		741,332	490,442	250,890	66.2%
	Total Payroll Costs	1,782,777	3,092	1,785,869	1,215,126	570,744	68.0%
Other Expenses							
01-6101-04-00-00	HR Recruitment & Employee Relations	34,200		34,200	34,745	(545)	101.6%
01-6102-04-00-00	Subscriptions	2,000		2,000	1,745	255	87.2%
01-6200-04-00-00	Management Support Services	100,000		100,000	80,819	19,181	80.8%
01-6201-04-00-00	Audit	45,000		45,000	30,000	15,000	66.7%
01-6202-04-00-00	Legal	250,000		250,000	142,469	107,531	57.0%
01-6204-04-00-00	Postage	2,400		2,400	3,046	(646)	126.9% (2)
01-6223-04-00-00	Office Supplies - Admin	6,000		6,000	4,851	1,149	80.9%
01-6224-04-00-00	Office Equipment Admin or IT	400		400	1,092	(692)	273.1%
01-6234-04-00-00	Memberships & Trainings	90,000		90,000	69,296	20,704	77.0%
01-6239-04-00-00	Travel & Conference	21,500		21,500	12,427	9,073	57.8%
01-6310-04-00-00	Miscellaneous	23,000		23,000	22,574	426	98.1%
01-6311-04-00-00	Mileage	1,188		1,188	348	840	29.3%
01-6317-04-00-00	Contract Services Misc	5,500		5,500	4,018	1,482	73.0%
01-6500-04-00-00	IT Allocations in to PC's & Depts.	132,191		132,191	102,730	29,461	77.7%
01-6601-04-00-00	Shipping/Freight	3,667		3,667	3,390	277	92.4%
01-6705-04-00-00	Monthly Car Allowance	12,000		12,000	9,119	2,881	76.0%
	Total Other Expenses	729,046	-	729,046	557,315	171,731	76.4%
	Total Admin Expenses	2,511,823	3,092	2,514,915	1,772,441	742,474	70.5%

*Board approved (one year) payment of PEPRA employee's contribution rate increase

(1) Cost increases due to less admin FTE hours and special meetings for managers and PCs.

(2) Postage increases due to delivery of board packets

South Orange County Wastewater Authority
Budget vs. Actual Comparison-IT
 For the Period Ended March 31, 2020

		FY 2019-20 Budget	Board Approved Expenditures*	Adjusted Budget	Actual	(Over)/Under Budget	% Expended
Salary & Fringe							
01-6000-05-00-00	Regular Salaries-Admin or IT *	98,482	518	99,000	68,792	30,208	69.9%
01-6001-05-00-00	Overtime Salaries-Admin or IT	-		-	4,053	(4,053)	0.0%
01-6315-05-00-00	Comp Time - IT	-			-	-	0.0%
01-6401-05-00-00	Fringe Benefits IN to ADMIN or IT	70,851		70,851	48,499	22,352	68.5%
	Total Salary & Fringe	169,333	518	169,851	121,344	48,507	71.7%
Other Expenses							
01-5028-05-00-00	Small Tools & Supplies	1,000		1,000	-	1,000	0.0%
01-5037-05-00-00	Office Equipment	600		600	-	600	0.0%
01-6102-05-00-00	Subscriptions	700		700	-	700	0.0%
01-6200-05-00-00	Management Support Services				8,400	(8,400)	0.0%
01-6234-05-00-00	Memberships & Trainings	1,000		1,000	-	1,000	0.0%
01-6239-05-00-00	Travel & Conference	3,500		3,500	2,745	755	78.4%
01-6300-05-00-00	Software Maintenance Agreements	51,967		51,967	97,793	(45,826)	188.2% (1)
01-6301-05-00-00	Hardware Maintenance Agreements	7,126		7,126	4,443	2,683	62.3%
01-6302-05-00-00	Cloud Subscriptions (Internet)	75,124		75,124	55,376	19,748	73.7%
01-6303-05-00-00	Telecommunications	127,036		127,036	106,549	20,487	83.9%
01-6305-05-00-00	IT Professional Services	236,919		236,919	129,182	107,737	54.5%
01-6306-05-00-00	Small Hardware Purchases (< \$5k)	20,900		20,900	31,909	(11,009)	152.7% (2)
01-6307-05-00-00	Small Software Purchases & Licenses (<\$5k)	24,908		24,908	4,201	20,707	16.9%
01-6308-05-00-00	IT Memberships	160		160	704	(544)	440.0%
01-6309-05-00-00	Operating Leases	55,200		55,200	42,848	12,352	77.6%
01-6310-05-00-00	Miscellaneous	5,000		5,000	346	4,654	6.9%
	Total Other Expenses	611,140	-	611,140	485,188	125,952	79.4%
	Total Expenses before Allocation	780,473	518	780,991	606,532	174,459	77.7%
IT Allocations (Out) to PC's & Depts							
01-6400-05-00-00	IT Allocations (OUT) to PC's & Depts.	(780,473)	(518)	(780,991)	(606,532)	(174,459)	77.7%
	Total IT Allocations (Out) to PC's & Depts	(780,473)	(518)	(780,991)	(606,532)	(174,459)	77.7%

* Board approved (one year) payment of PEPRAs employee's contribution rate increase

(1) SCADA license agreement billed at the beginning of the fiscal year.
 (2) Additional expenses related to the server room relocation.

Agenda Item

6

Finance Committee Meeting

Meeting Date: April 21, 2020

TO: Finance Committee

FROM: Betty Burnett, General Manager

STAFF CONTACT: Mary Carey, Finance Controller

SUBJECT: Fiscal Year 2020-21 Member Agencies Payments Towards Unfunded Pension Liability (UAL)

Summary/Discussion

This staff report should be read with the PowerPoint slides 3 – 11 applicable to the UAL discussion also attached with this Committee packet.

At the March 24, 2020 meeting the Finance Committee received a presentation from Staff covering information in CalPERS annual valuation report as follows:

1. SOCWA's projected UAL for June 30, 2020 is \$15,126,143.
2. If the Authority continues to make only the minimum required annual payment over the 25-year amortization period, the interest payment will be \$12,865,744 or 85% of the principal or present value of the UAL.
3. If a Member Agency makes an advanced discretionary payment (ADP), the savings are significant for all member agencies.
4. The UAL Balance changes each year based on changes in previous assumptions such as:
 - Financial Markets (Gain)/Loss
 - Actuarial Assumptions Change
 - Method ChangeThe annual changes are enumerated and described as "bases" applicable in each new year.
5. When making an ADP, agencies must tell CalPERS which base they are paying.
6. Staff presented an example applying a \$2.7 million payment to the oldest base; however, to maximize the savings, the presentation today will use the base with the longest amortization period.

Staff will continue the discussion on the UAL with a presentation from Julio Morales, Urban Futures Inc., on the long-term impacts of UAL. The Presentation will include an approach to PERS payment per member agency, bases funded and benefits to long-

term reduction of liability for the member agency. Staff will present information on how to determine future year payments.

Recommended Action:

1. Finance Committee Questions and Comments.
2. Finance Committee to direct staff to introduce per agency payment option for Board of Directors consideration.

SOCWA
Budget Development
2020/2021 Fiscal Year
April 21, 2020

FY 2020–21 Budget Prep Overview

March 24, 2020 Meeting – Key Assumptions / O&M

- ❖ Staffing Overview
- ❖ Funding PERS/OPEB Costs
 - Unfunded Pension Liability and OPEB (Retiree Health)
 - Payments Removal from Fringe Pool
- ❖ General Assumptions
 - Pension Lump Sum Payment; Group Insurance; Ops Costs
 - Legal Expenditures
- ❖ Major Cost Drivers
- ❖ Summary O&M By Member Agency

April 21, 2020 Meeting – Budget Review Continued

- ❖ Member Agency PERS Payments & Benefits
- ❖ O&M Cost Comparison to Prior Year (slide 21)
- ❖ One-Time Cost Reductions (Economic Hardship Reductions) (slide 22)
- ❖ Two Year Capital Program
- ❖ Administration & General Fund
- ❖ IT Budget

Member Agency PERS Funding Options to Reduce Long-Term Liabilities

Unfunded Liability – Long Term Impacts of Minimum Annual Payments

FY 2020 Unfunded Pension Liability(UAL)					
Member Agency	%	Current UAL	Amortized 25 Years	Interest Payments	Interest % Principal
City of Laguna Beach	10.69%	\$1,617,370	\$2,993,047	\$1,375,676	85%
City of San Clemente	0.67%	101,523	187,875	86,352	85%
City of San Juan Capistrano	10.39%	1,571,687	2,908,507	1,336,820	85%
Emerald Bay Service District	0.46%	69,751	129,079	59,328	85%
El Toro Water District	3.54%	535,681	991,313	455,631	85%
Irvine Ranch Water District	0.76%	115,642	214,004	98,361	85%
Moulton Niguel Water District	45.15%	6,829,870	12,639,108	5,809,238	85%
South Coast Water District	18.45%	2,790,396	5,163,804	2,373,408	85%
Santa Margarita Water District	9.87%	1,492,570	2,762,095	1,269,525	85%
Trabuco Canyon Water District	0.01%	1,651	3,055	1,404	85%
Total Net Pension Liability	100.00%	\$15,126,143	\$27,991,887	\$12,865,744	85%

Interest Payments are 85% of the Principal or Present Value of the UAL Amount if Amortized over 25 Years.

South Orange County Wastewater Authority

UAL and OPEB by Member Agency

Based on Board Approved Percentages for FY 2018-19

Member Agencies	UAL		OPEB		Total	
	Amount	Allocation %	Amount	Allocation %	Amount	Allocation %
City of Laguna Beach	\$105,989	10.69%	\$53,870	10.69%	\$159,859	10.69%
City of San Clemente	6,653	0.67%	3,381	0.67%	10,034	0.67%
City of San Juan Capistrano	102,995	10.39%	52,348	10.39%	155,343	10.39%
Emerald Bay Service District	4,571	0.46%	2,323	0.46%	6,894	0.46%
El Toro Water District	35,104	3.54%	17,842	3.54%	52,946	3.54%
Irvine Ranch Water District	7,578	0.76%	3,852	0.76%	11,430	0.76%
Moulton Niguel Water District	447,571	45.15%	227,484	45.15%	675,054	45.15%
South Coast Water District	182,858	18.45%	92,940	18.45%	275,799	18.45%
Santa Margarita Water District	97,810	9.87%	49,713	9.87%	147,523	9.87%
Trabuco Canyon Water District	108	0.01%	55	0.01%	163	0.01%
Total	\$991,237	100.00%	\$503,809	100.00%	\$1,495,046	100.00%

UAL Comprised of 18 bases

	%	FY 2021 UAL Payments
Laguna Beach	10.69%	\$ 107,940
San Clemente	0.67%	6,775
San Juan Capistrano	10.39%	104,892
Emerald Bay	0.46%	4,655
El Toro	3.54%	35,750
Irvine Ranch	0.76%	7,718
Moulton Niguel	45.15%	455,814
South Coast	18.45%	186,226
Santa Margarita	9.87%	99,611
Trabuco Canyon	0.01%	110
TOTAL	100%	\$ 1,009,492

CalPERS FY 20-21
payments based on
June 30, 2018
Actuarial Report

SOCWA						
Year	Reason	Ramp Up	Term	Balance 6/30/2020	Payment FY 20-21	
1	2013 Share of pre-2013 Pool	NO	16	\$ 4,861,047	\$ 418,565	
2	2013 Non-Asset (gain)/loss	100%	25	(44,555)	(3,022)	
3	2013 13.2% (Book Value vs. MVA)	100%	25	4,830,854	327,711	
4	2014 Non-Asset (gain)/loss	80%	26	4,194	277	
5	2014 CalPERS (Gain): 18.40% vs. 7.50%	80%	26	(3,704,246)	(244,950)	
6	2014 Life Expectancy+2.0/2.5 years	80%	16	2,295,392	218,267	
7	2015 Non-Asset (gain)/loss	60%	27	(197,498)	(10,330)	
8	2015 CalPERS Loss: 2.40% vs. 7.50%	60%	27	2,355,350	123,194	
9	2016 Non-Asset (gain)/loss	40%	28	(371,080)	(14,583)	
10	2016 CalPERS Loss: 0.6% vs. 7.375%	40%	28	2,925,968	114,987	
11	2016 Discount: 7.50% to 7.375%	40%	18	900,458	49,025	
12	2017 Non-Asset (gain)/loss	20%	29	(78,044)	(2,075)	
13	2017 CalPERS (Gain): 11.2% vs. 7.25%	20%	29	(1,470,230)	(39,081)	
14	2017 Discount: 7.375% to 7.25%	20%	19	1,003,539	36,594	
15	2018 Non-Asset (gain)/loss	20%	30	226,015	3,087	
16	2018 CalPERS Gain - 8.60% vs. 7.0%	20%	30	(441,269)	(6,027)	
17	2018 Discount: 7.25% to 7.00%	20%	20	1,587,700	29,602	
18	2018 Method Change	20%	20	442,550	8,251	
				FY 2020-21 "Classic Plan"	\$ 15,126,145	\$ 1,009,492
				2nd Tier	93,316	4,748
				PEPRA	123,103	11,103
				COMBINED TOTAL	\$ 15,342,564	\$ 1,025,343

Pre-Pay Methodology

Assumptions used for illustration

1. FY 20-21 Actuarial Values - June 30, 2018 report
2. Pre-pay option applies only for Classic Plan.
3. Assume Member pre-pays their full UAL.
4. Target longest bases to maximize total % savings
5. UAL payment schedule *revised* after pre-payment
6. Rebalance % allocation for Other Members, pay UAL based on revised payment schedule
7. Members pay their share of New Bases:
 - New Bases from 2019 CalPERS Report - allocated based on 2019 % allocation

Pre-Pay Base #10 (28 Years)

Maximize Savings: Pre-Pay Longest Base

South Coast Water District

- June 30, 2018 Actuarial = \$14,670,263
- FY 20-21 Value = \$15,126,145
- **18.45% of total liability = \$2,790,397**
- Pre-Pay 95% of Base #10
- **South Coast eliminates \$5.1 million UAL payments**
 - South Coast pays off share of Bases #1-#18
 - South Coast responsible for share of New Bases only
- **Other Members save \$1.4 million**

SOCWA						
Year Term			Balance 6/30/2020	Payment FY 20-21		
1	2013	16	\$ 4,861,047	\$	418,565	
2	2013	25	(44,555)		(3,022)	
3	2013	25	4,830,854		327,711	
4	2014	26	4,194		277	
5	2014	26	(3,704,246)		(244,950)	
6	2014	16	2,295,392		218,267	
7	2015	27	(197,498)		(10,330)	
8	2015	27	2,355,350		123,194	
9	2016	28	(371,080)		(14,583)	
10	2016	28	2,925,968		114,987	
11	2016	18	900,458		49,025	
12	2017	29	(78,044)		(2,075)	
13	2017	29	(1,470,230)		(39,081)	
14	2017	19	1,003,539		36,594	
15	2018	30	226,015		3,087	
16	2018	30	(441,269)		(6,027)	
17	2018	20	1,587,700		29,602	
18	2018	20	442,550		8,251	
FY 20-21			\$ 15,126,145	\$	1,009,492	

Member Share of Savings

Current UAL Allocation

	Laguna Beach	City of San Clemente	San Juan Capistrano	Emerald Bay	El Toro	Irvine Ranch	Moulton Niguel	South Coast	Santa Margarita	Trabuco Canyon	
	10.69%	0.67%	10.39%	0.46%	3.54%	0.76%	45.15%	18.45%	9.87%	0.01%	100%
UAL	\$ 1,617,370	\$ 101,523	\$ 1,571,687	\$ 69,751	\$ 535,681	\$ 115,642	\$ 6,829,872	\$ 2,790,397	\$ 1,492,570	\$ 1,651	\$15,126,145
FY 20-21	107,940	6,775	104,892	4,655	35,750	7,718	455,814	186,226	99,611	110	\$ 1,009,492
TOTAL	\$ 2,993,058	\$ 187,876	\$ 2,908,518	\$ 129,079	\$ 991,316	\$ 214,004	\$ 12,639,158	\$ 5,163,825	\$ 2,762,106	\$ 3,055	\$27,991,995

% Allocation After Pre-Pay & Rebalancing

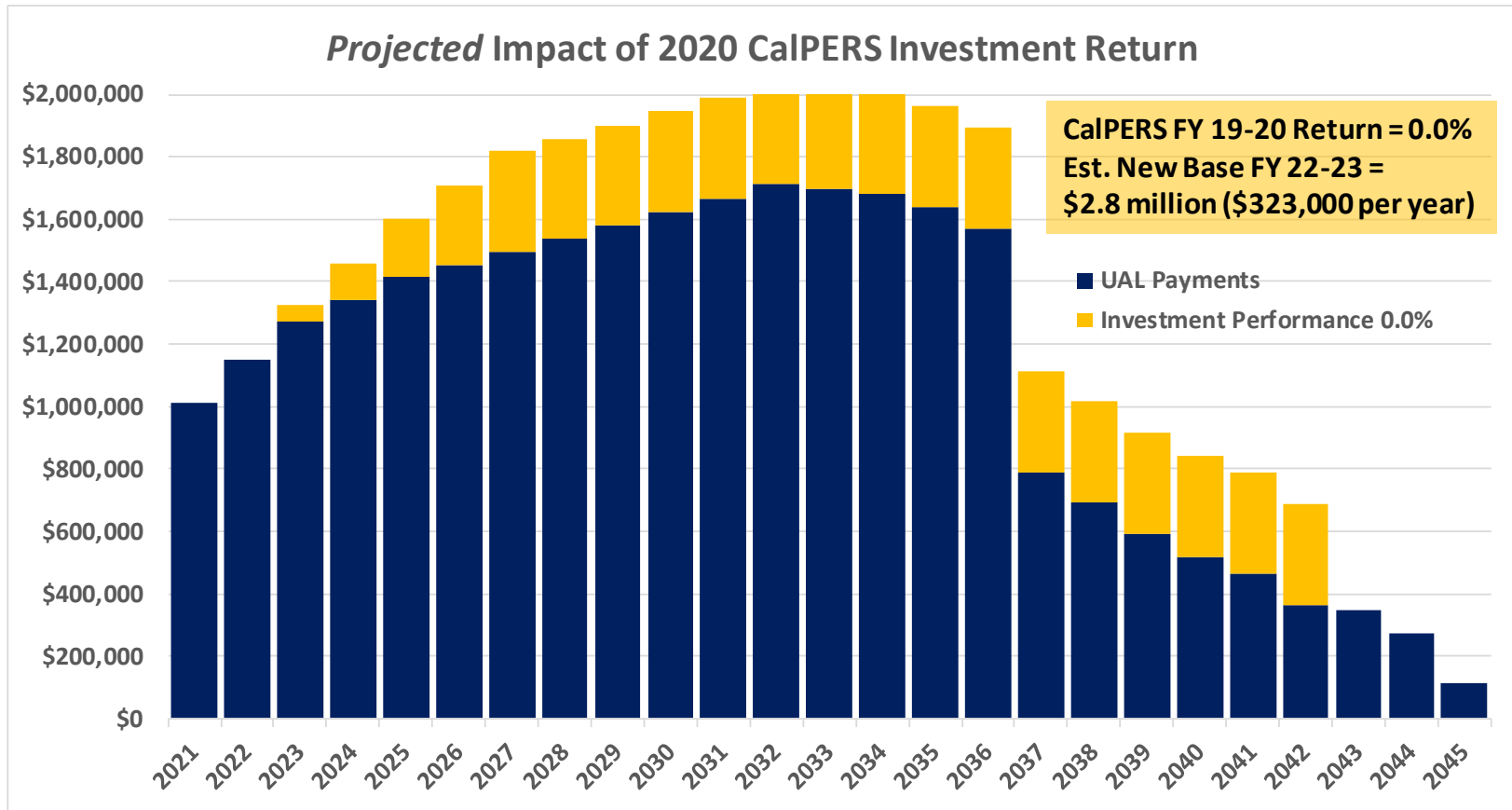
	13.11%	0.82%	12.74%	0.57%	4.34%	0.94%	55.37%	0.00%	12.10%	0.01%	100%
UAL	\$ 1,617,370	\$ 101,523	\$ 1,571,687	\$ 69,751	\$ 535,681	\$ 115,642	\$ 6,829,872		\$ 1,492,570	\$ 1,651	\$12,335,748
FY 20-21	117,776	7,393	114,449	5,079	39,008	8,421	497,345		108,688	120	\$ 898,279
TOTAL	\$ 2,806,683	\$ 176,177	\$ 2,727,408	\$ 121,042	\$ 929,588	\$ 200,678	\$ 11,852,132		\$ 2,590,113	\$ 2,865	\$21,406,686
SAVINGS	\$ 186,374	\$ 11,699	\$ 181,110	\$ 8,038	\$ 61,728	\$ 13,326	\$ 787,026	\$ 5,163,825	\$ 171,993	\$ 190	\$ 6,585,309

Member Share of UAL remains the same (after pre-payment)

- *Pre-payment changes UAL for cash flows:*
 - *increase costs in early years & eliminates payments in later years*

Total Savings = \$6.6 million (Members save \$1.4 million)

Impact on UAL



- CalPERS actuary projects year-end return = 0.0%
- 0.0% return, effectively 7% loss
- New base = \$2.8 million (\$300,000)

2020 Projected UAL Payment

	2018 Bases After Pre-Payment										
	City or Laguna Beach	City of San Clemente	City of San Juan Capistrano	Emerald Bay	El Toro	Irvine Ranch	Moulton Niguel	South Coast	Santa Margarita	Trabuco Canyon	
	13.11%	0.82%	12.74%	0.57%	4.34%	0.94%	55.37%	0.00%	12.10%	0.01%	100%
UAL	\$ 1,617,370	\$ 101,523	\$ 1,571,687	\$ 69,751	\$ 535,681	\$ 115,642	\$ 6,829,872	\$ -	\$ 1,492,570	\$ 1,651	\$12,335,748
FY 20-21	117,776	7,393	114,449	5,079	39,008	8,421	497,345	-	108,688	120	\$ 898,279
TOTAL	\$ 2,806,683	\$ 176,177	\$ 2,727,408	\$ 121,042	\$ 929,588	\$ 200,678	\$ 11,852,132	\$ -	\$ 2,590,113	\$ 2,865	\$21,406,686
	NEW BASES										
	10.69%	0.67%	10.39%	0.46%	3.54%	0.76%	45.15%	18.45%	9.87%	0.01%	100%
UAL	\$ 302,641	\$ 18,997	\$ 294,093	\$ 13,052	\$ 100,236	\$ 21,639	\$ 1,278,002	\$ 522,138	\$ 279,289	\$ 309	\$ 2,830,396
FY 22-23	6,203	389	6,028	268	2,054	444	26,194	10,702	5,724	6	\$ 58,012
TOTAL	\$ 618,632	\$ 38,832	\$ 601,159	\$ 26,679	\$ 204,894	\$ 44,232	\$ 2,612,375	\$ 1,067,306	\$ 570,897	\$ 631	\$ 5,785,638
COMBINED	\$ 3,425,316	\$ 215,009	\$ 3,328,567	\$ 147,721	\$ 1,134,482	\$ 244,910	\$ 14,464,508	\$ 1,067,306	\$ 3,161,010	\$ 3,497	\$27,192,324

- Each member pays share of 2018 UAL, except South Coast.
- All members pays a % allocation for New Bases (2020 ~\$2.8 million)
- % Allocation based on rolling average costs, developed by Bartel (actuary)

FY 2020–2022 Capital Program

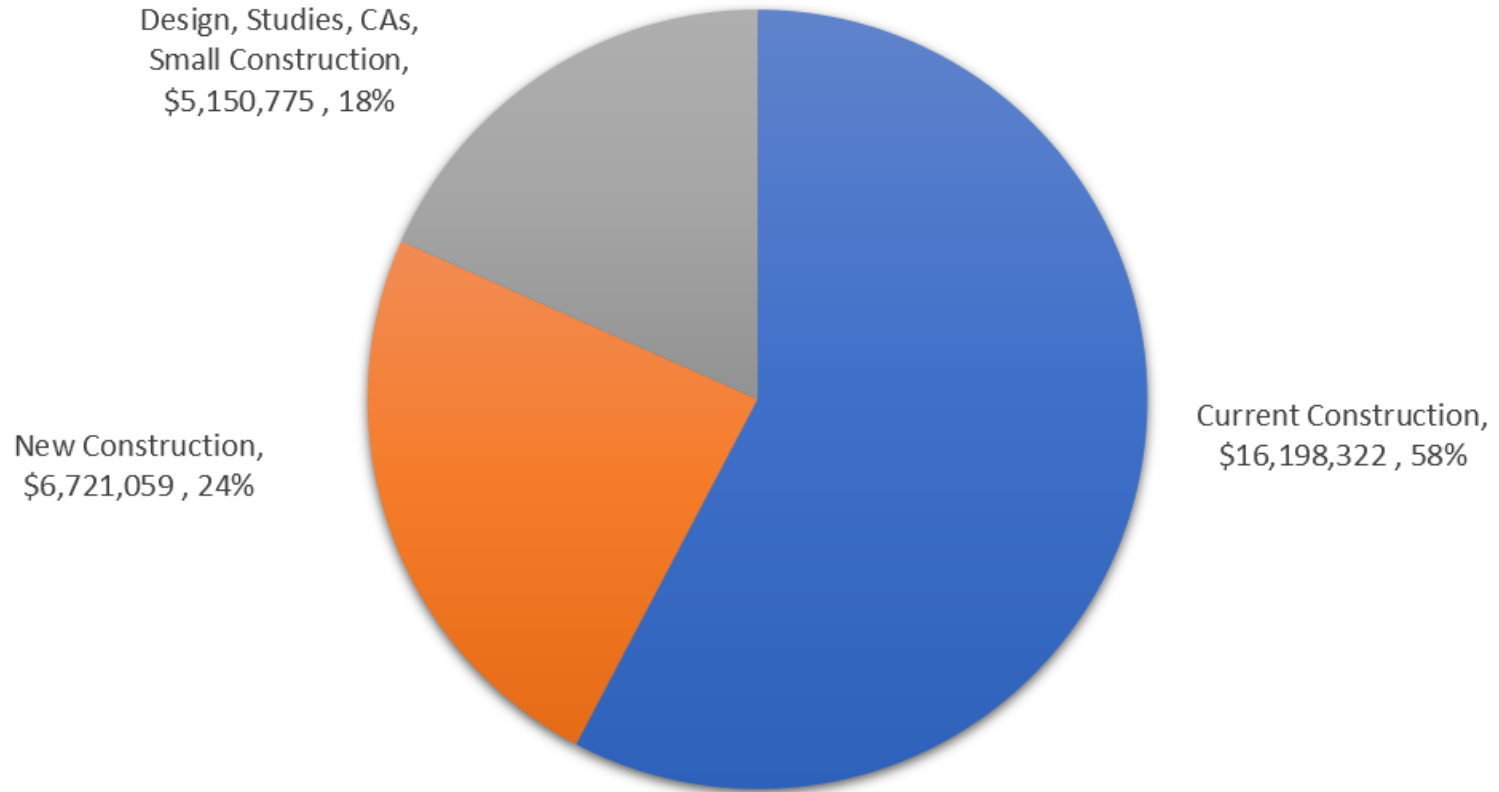
Two Year Capital Program

	FY 2016-17 Actual Expenditures	FY 2017-18 Actual Expenditures	FY 2018-19 Actual Expenditures	FY 2019-20 Budget Expenditures	FY 2020-21 Budget	FY 2021-22 Forecast
Total Capital Budget						
Member Agency						
City of Laguna Beach	857,725	1,047,324	525,844	4,962,557	4,155,760	2,505,772
City of San Clemente	9,387	396	3,571	14,745	218,724	-
City of San Juan Capistrano	886,145	698,567	645,880	3,247,868	3,903,153	2,034,712
El Toro Water District	673,966	433,008	174,214	642,576	1,296,413	717,084
Emerald Bay Service District	58,190	76,782	40,038	383,631	323,477	189,632
Irvine Ranch Water District	19,893	48,848	88,323	159,724	1,046,183	213,752
Moulton Niguel Water District	4,729,584	4,411,148	1,962,020	16,026,273	9,430,195	16,184,840
Santa Margarita Water District	818,783	520,859	480,709	2,525,591	3,356,987	1,541,004
South Coast Water District	1,798,353	1,853,786	1,974,351	6,546,999	6,767,142	3,671,016
Total Member Agency	9,852,026	9,090,717	5,894,949	34,509,964	30,498,034	27,057,813

FY 2021 Proposed Budget by Spending Type

SOCWA FY2021 Proposed CIP Budget

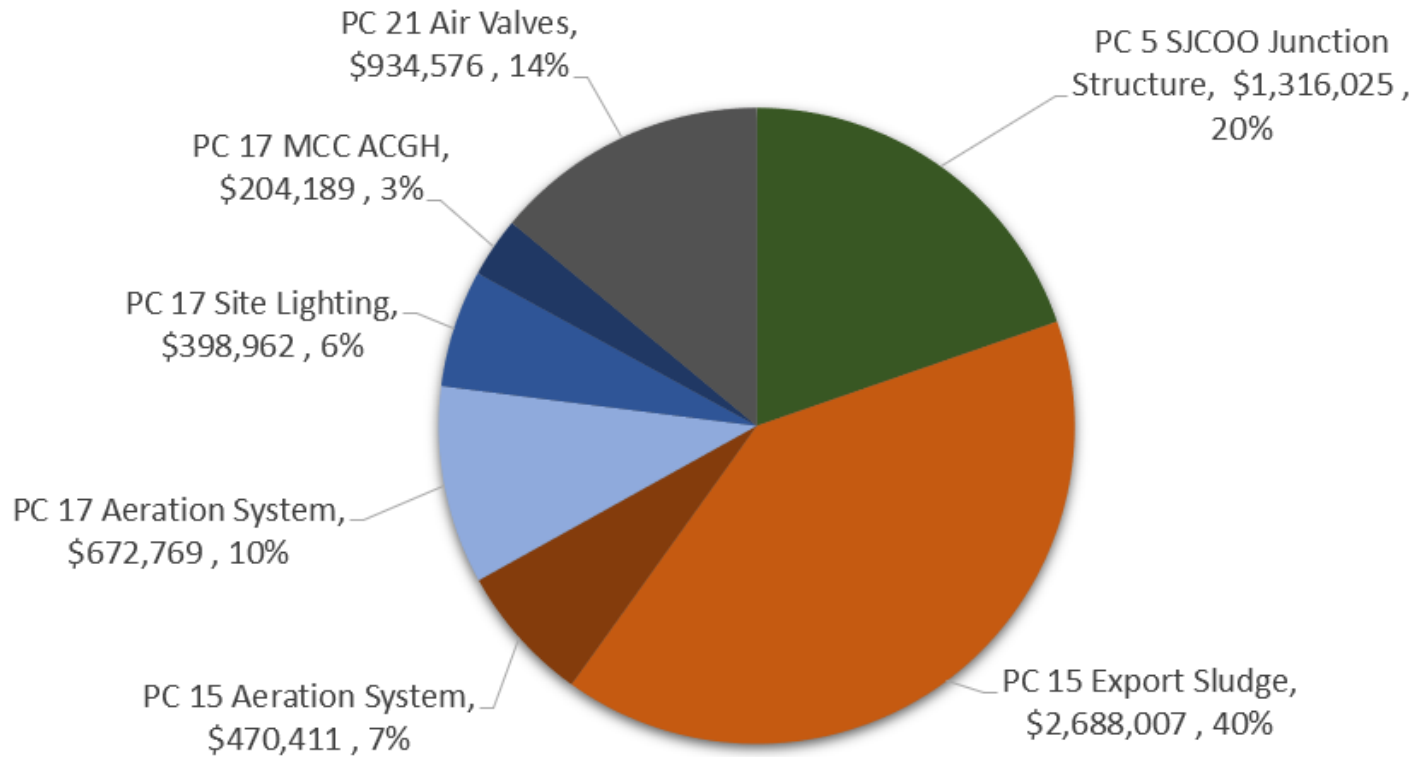
Total \$28,070,155



FY 2021 Proposed New Construction Projects

New Construction (FY2021)

Total \$6,721,059



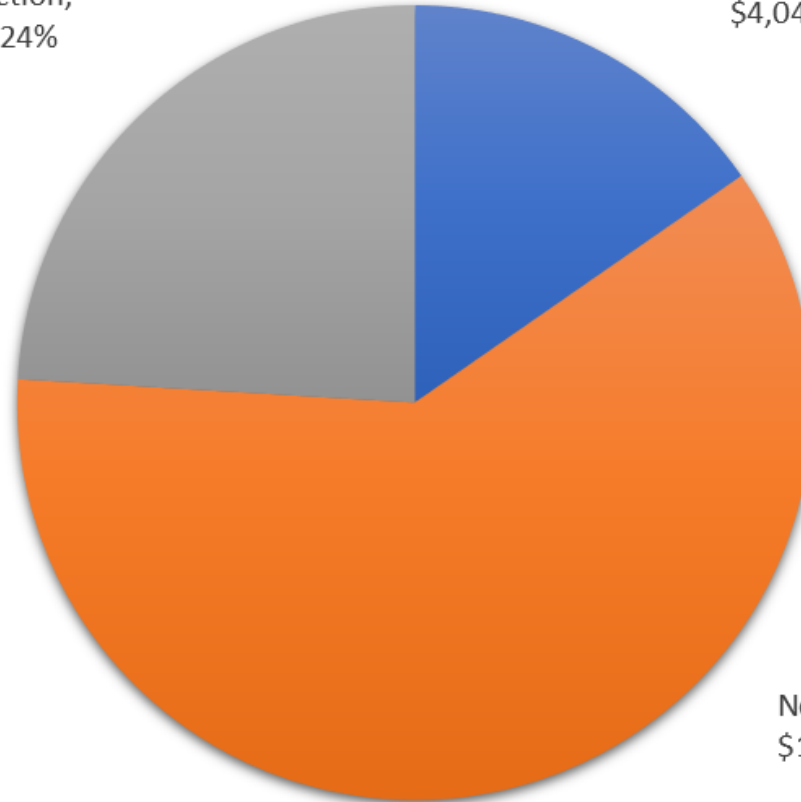
FY 2022 Proposed Budget by Spending Type

SOCWA FY2022 Proposed CIP Budget

Total \$26,405,872

Design, Studies, CAs,
Small Construction,
\$6,351,317 , 24%

Current Construction,
\$4,049,580 , 15%

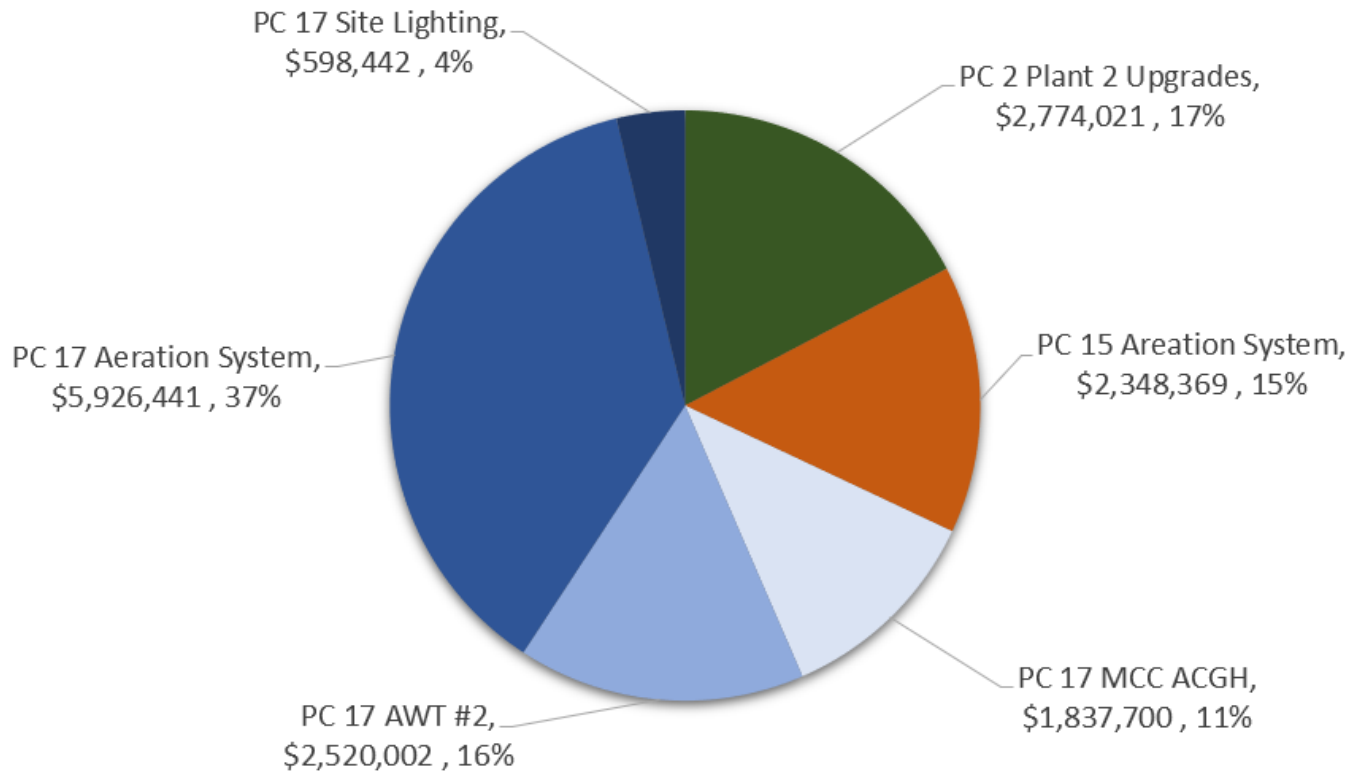


New Construction,
\$16,004,975 , 61%

FY 2022 Proposed New Construction Projects

New Construction (FY2022)

Total \$16,004,975



O&M / Environmental FY 2020–2021 Preliminary Budget

FY 2020–2021 Preliminary Total Budget with UAL and OPEB Expense

	FY 2018-19 Actual	Change %	FY 2019-20 Budget	Change %	FY 2020-21 Budget	Change %	UAL & OPEB	Allocation %'s	Total Budget	Change %
O&M Budget by Member Agency										
City of Laguna Beach	2,197,880	10.3%	2,397,061	9.1%	2,287,225	-4.6%	159,859	10.69%	2,447,083	2.1%
City of San Clemente	155,352	-0.6%	146,259	-5.9%	255,803	74.9%	10,034	0.67%	265,838	81.8%
City of San Juan Capistrano	2,262,176	4.8%	2,195,284	-3.0%	2,399,787	9.3%	155,343	10.39%	2,555,130	16.4%
El Toro Water District	875,388	8.8%	889,672	1.6%	954,307	7.3%	52,946	3.54%	1,007,253	13.2%
Emerald Bay Service District	147,131	17.2%	154,448	5.0%	145,356	-5.9%	6,894	0.46%	152,250	-1.4%
Irvine Ranch Water District	163,057	-2.9%	163,390	0.2%	236,899	45.0%	11,430	0.76%	248,329	52.0%
Moulton Niguel Water District	8,895,527	4.6%	9,149,541	2.9%	9,091,604	-0.6%	675,054	45.15%	9,766,658	6.7%
Santa Margarita Water District	1,532,718	-19.2%	2,210,538	44.2%	1,741,898	-21.2%	147,523	9.87%	1,889,421	-14.5%
South Coast Water District	3,799,657	11.9%	3,946,386	3.9%	4,114,414	4.3%	275,799	18.45%	4,390,212	11.2%
Trabuco Canyon Water District	34,905	-37.8%	62,266	78.4%	49,242	-20.9%	163	0.01%	49,405	-20.7%
Total O&M Budget by Member Agency	20,063,792	4.2%	21,314,846	6.2%	21,276,535	-0.2%	1,495,046	100.00%	22,771,581	6.8%

FY 2020–2021 Preliminary Total Budget New Information

- ❖ COLA March 2020 1.9% (2% MOU Cap)
- ❖ Overview of Cost Changes in 2020/2021 as compared to prior year.
- ❖ In light of Covid 19, presentation of possible one (1) year SOCWA O&M and Small Capital Budget reduction measures applicable for economic hardship.

Cost Comparison

Total Budget Year-Over-Year (YOY) Change			
FY 2019-20 to FY 2020-21			
			Percent Change
FY 2019-20 Budget	\$21,314,846		
Plume Tracking Analysis -Outfalls	\$500,000		2.3%
Operations:			
Chemicals	\$24,892		
Biosolids Hauling and Disposal	\$74,996		
Utilities	\$91,476		
Maintenance – Equip. & Facilities	\$12,988		
Contract Services – Misc	\$56,016		
Facilities	\$31,012		
Insurance	\$65,472		
Legal	\$20,204		
	\$377,056		1.8%
UAL and OPEB Change	\$194,366		0.9%
IT:			
Software Maintenance Agreements	-\$13,188		
Hardware Maintenance Agreements	\$0		
Cloud Subscriptions (Internet)	\$98,245		
Telecommunications	\$23,498		
IT Professional Services	\$13,841		
Small Hardware Purchases (< \$5k)	\$8,300		
Small Software Purchases & Licenses(<\$5k)	\$2,000		
	\$132,696		0.6%
New Hire Lab Tech	\$99,233		0.5%
Admin Part Time Contract Employee	\$86,445		0.4%
Other	\$66,940		0.3%
FY 2020-21 Budget	\$22,771,581		6.8%

Economic Hardship Adjustments

FY 20-21 Total Budget Submitted:		¹ COLA	² New Hire	³ P/T Admin	⁴ Legal	⁵ OPEB	⁶ Training	⁷ Plume Study	⁸ IT Capital	⁹ IT Professional Services	¹⁰ Cloud Subscriptions	Total Adjs.	% Change	FY 20-21 Revised Budget	% Orig Budget	FY 19-20 Budget	YOY Change	% Change
O&M	\$18,545,768	(\$86,453)	(103,576)				(72,956)	(450,000)	(25,377)	(84,359)	(19,225)	(\$841,947)	-4.5%	\$17,703,821	95.5%			
Residual Engr, Admin & Gen Fund	2,730,767	(16,000)		(86,445)	(50,000)		(17,374)		(7,623)	(25,341)	(5,775)	(208,558)	-7.6%	2,522,209	92.4%			
Sub-total	\$21,276,535	(\$102,453)	(103,576)	(86,445)	(50,000)		(90,330)	(450,000)	(33,000)	(109,700)	(25,000)	(\$1,050,504)	-4.9%	\$20,226,031	95.1%			
Long Term Liabilities Payments:																		
Unfunded Pension Liability (UAL)	\$991,237													991,237	100.0%			
Retiree Health Pay-Go (OPEB)	503,809					(503,809)						(503,809)	-100.0%		0.0%			
Sub-total	\$1,495,046					(503,809)						(503,809)	-33.7%	991,237	66.3%			
Total Budget Submitted to Fin Comm	\$22,771,581	(\$102,453)	(103,576)	(86,445)	(50,000)	(503,809)	(90,330)	(450,000)	(33,000)	(109,700)	(25,000)	(\$1,554,313)	-6.8%	\$21,217,268	93.2%	\$21,314,846	(\$97,578)	-0.5%

¹COLA reduced to 2%, MOU minimum, March CPI-U was 1.9%; 3.2% was included in original submittal.

²New Hire Delayed until State Implements Regulatory Guidelines.

³Part Time Contract Position delayed.

⁴Some tasks will be completed Internally.

⁵Use PARS Savings to Pay Current Year Retiree Health Pay-Go.

⁶Training, travel expense and tech conferences reduced by 50%.

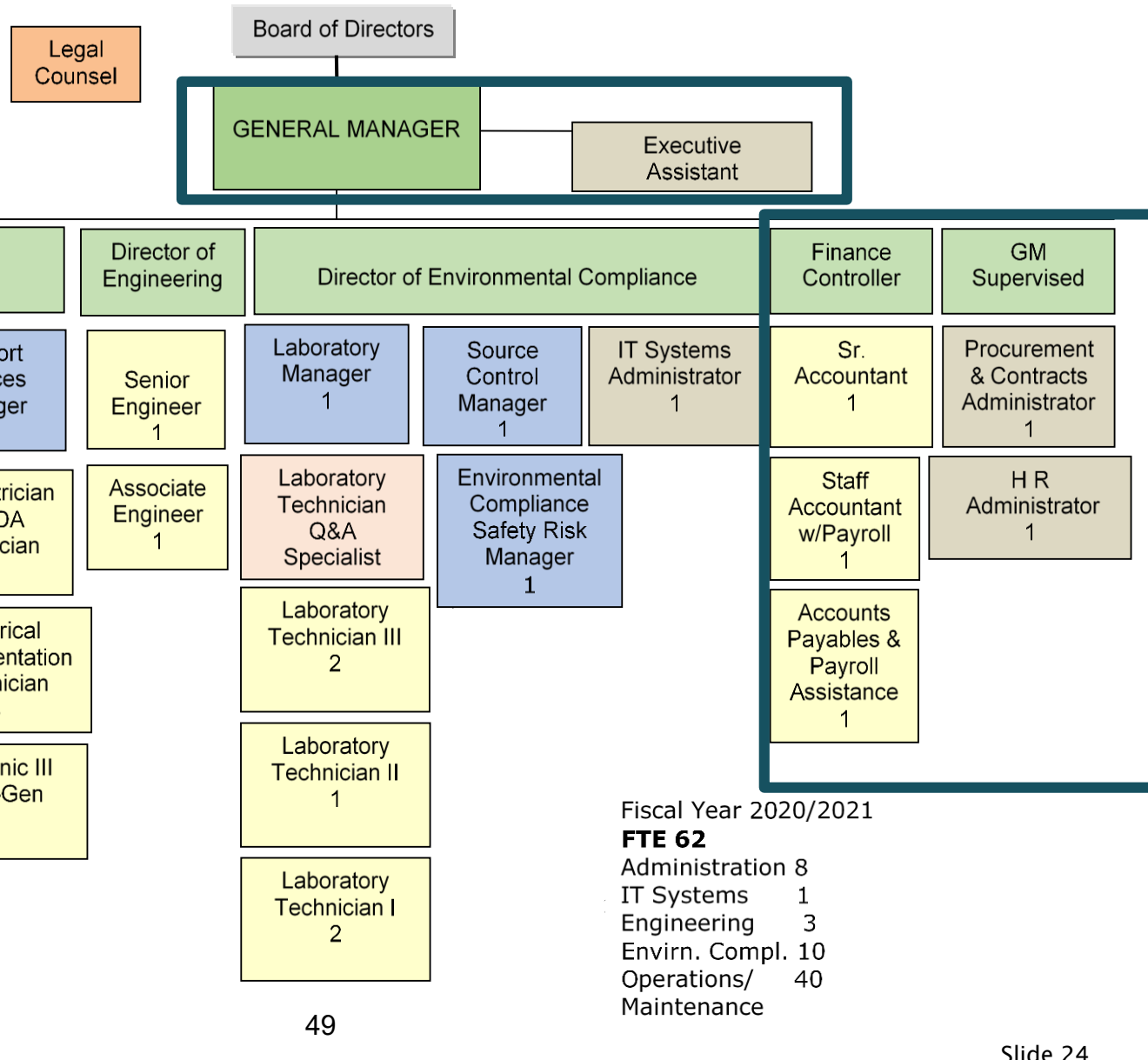
⁷Plume Tracking Analysis for Outfalls delayed.

⁸IT items that should be capitalized moved to small capital.

⁹Projects moved to next fiscal year.

¹⁰Projects moved to next fiscal year.

Administration / General Fund



Administration Budget

- ▶ Costs less than anticipated for legal fees
- ▶ Overall salary decrease
- ▶ Contracted Administrative support
- ▶ Legal/Manager meeting costs fund JPA changes
- ▶ 2019/2020 goal to prepare a UAL Funding Plan/GASB compliance (first set in '18/'19)
- ▶ Segregate UAL from fringe pool

Administration Budget

	FY 2019-20 Budget	FY 2020-21 Budget
Salary and Fringe		
Regular Salaries-Admin & IT	1,030,445	955,654
Overtime Salaries-Admin & IT	6,000	20,000
Comp Time - Admin	5,000	15,000
Fringe Benefits IN to PC's & Depts.	741,332	498,178
Total Payroll Costs	1,782,777	1,488,832
		-16.5%
Other Expenses		
Public Notices/ Public Relations		
HR Recruitment & Employee Relations	34,200	25,000
Subscriptions	2,000	2,040
Contract Labor		86,445
Management Support Services	100,000	102,000
Audit	45,000	44,900
Legal	250,000	255,000
Postage	2,400	4,000
Office Supplies - Admin	6,000	6,120
Office Equipment Admin or IT	400	1,000
Memberships & Trainings	90,000	91,800
Travel & Conference	21,500	21,930
Scholarship/Education reimbursement		1,000
Education Reimbursement		3,000
Miscellaneous	23,000	23,460
Mileage	1,188	1,211
Contract Services Misc	5,500	5,610
IT Allocations in to PC's & Depts.	132,191	142,960
Shipping/Freight	3,667	3,740
Monthly Car Allowance	12,000	12,000
Total Other Expenses	729,045	833,216
Total Administration Expenses	2,511,822	2,322,048

General Fund – No Change

		Finance Committee Recommended General Fund %'s
Salary and Fringe		
01-6000-04-00-00	Regular Salaries-Admin & IT	Footnote #1
01-6001-04-00-00	Overtime Salaries-Admin & IT	50%
01-6315-04-00-00	Comp Time - Admin	50%
01-6401-04-00-00	Fringe Benefits IN to PC's & Depts.	
	Total Payroll Costs	
	Percentage Change YOY	
Other Expenses		
01-5018-04-00-00	Public Notices/ Public Relations	100%
01-5027-04-00-00	Contract Labor	50%
01-6101-04-00-00	Recruitment & Employee Relations	
01-6102-04-00-00	Subscriptions	
01-6200-04-00-00	Management Support Services	
01-6201-04-00-00	Audit	100%
01-6202-04-00-00	Legal	40%
01-6203-04-00-00	Outside Services	100%
01-6204-04-00-00	Postage	20%
01-6220-04-00-00	Board of Directors - Fees	
01-6223-04-00-00	Office Supplies - Admin	100%
01-6224-04-00-00	Office Equipment	100%
01-6234-04-00-00	Memberships & Trainings	
01-6239-04-00-00	Travel & Conference	
01-6240-04-00-00	Scholarship Sponsorship	
01-6310-04-00-00	Miscellaneous	20%
01-6311-04-00-00	Mileage	
01-6317-04-00-00	Contract Services Misc	
01-6500-04-00-00	IT Allocations in to PC's & Depts.	5%
01-6601-04-00-00	Shipping/Freight	
01-6705-04-00-00	Monthly Car Allowance	
	Total Other Expenses	
	Total General Fund Expenses	
	Percentage Change YOY	

Part-time employee

Time Allocation		
(1)	Executive Assistant	50%
	Contract Labor	50%
	GM	50%
	Controller	5%

General Fund – Agency Shares

▶ SMWD	10.81%
▶ SCWD	16.22%
▶ SJC	10.81%
▶ San Clemente	5.41%
▶ TCWD	2.7%
▶ MNWD	16.22%
▶ EBSD	10.81%
▶ CLB	10.81%
▶ IRWD	8.11%
▶ ETWD	8.11%

General Fund Budget

General Fund Budget FY 2020–2021			
	Finance Committee Recommended General Fund %'s	FY 2019–20 Budget	FY 2020–21 Budget
Salary & Fringe			
Regular Salaries–Admin & IT	See Below Note 1	223,834	169,901
Overtime Salaries–Admin & IT	50%	3,000	10,000
Comp Time – Admin	50%	2,500	7,500
Fringe Benefits IN to PC's & Depts.		161,033	88,568
Total Payroll Costs		390,367	275,969
	Percentage Change YOY		
Other Expenses			
Public Notices/ Public Relations	100%		
Contract Labor	50%		43,223
Recruitment & Employee Relations			
Subscriptions			
Management Support Services			
Audit	100%	45,000	44,900
Legal	40%	100,000	102,000
Outside Services	100%		
Postage	20%	480	800
Board of Directors – Fees			
Office Supplies – Admin	100%	6,000	6,120
Office Equipment	100%	400	1,000
Memberships & Trainings			
Travel & Conference			
Scholarship Sponsorship			
Miscellaneous	20%	4,600	4,692
Mileage			
Contract Services Misc			
IT Allocations in to PC's & Depts.	5%	6,610	7,148
Shipping/Freight			
Monthly Car Allowance			
Total Other Expenses		163,090	209,882
Total General Fund Expenses		553,456	485,851
	Percentage Change YOY		-12.2%
Time Allocation (Note 1)			
Executive Assistant	50%		
Contract Labor	50%		
GM	50%		
Controller	5%		

Information Technology

- ▶ Approximately \$100,000 Reduction in Budget
 - ~12% Budget Reduction
- ▶ Increase in Cloud Subscription Line Item
- ▶ Decrease in Professional Services Line Item
- ▶ Projects Completed This Fiscal Year:
 - Tabware conversion project
 - Network Vulnerability Assessment
 - IT Infrastructure Assessment
 - Seismic Bracing of Servers at JBL
- ▶ Projects for Following Fiscal Year:
 - IT Strategic Plan
 - Office 365 VoIP Conversion

Information Technology

	FY 2019-20 Budget	FY 2020-21 Budget
Regular Salaries-Admin & IT	98,482	95,014
Overtime Salaries-Admin & IT		
Comp Time - IT		5,000
Fringe Benefits IN to PC's & Depts.	70,851	49,530
Total Salary & Fringe	169,333	149,544
Office Supplies - All		
Small Tools & Supplies	1,000	1,000
Safety Supplies		
Training Expense		2,000
Office Equipment	600	600
Mileage		
Recruitment & Employee Relations, IT DEPT		
Subscriptions	700	
Management Support Services		
Memberships & Trainings	1,000	2,750
Travel & Conference	3,500	3,500
Software Maintenance Agreements	51,967	38,779
Hardware Maintenance Agreements	7,126	7,126
Cloud Subscriptions (Internet)	75,124	173,369
Telecommunications	127,036	150,534
IT Professional Services	236,919	250,760
Small Hardware Purchases (< \$5k)	20,900	29,200
Small Software Purchases & Licenses(<\$5k)	24,908	26,908
IT Memberships	160	160
Operating Leases	55,200	55,200
Miscellaneous	5,000	5,000
Computer & Photocopy Supplies		
Shipping/Freight		
Total Other Expenses	611,140	746,886
Total IT Expenses	780,473	896,429
Total IT Allocations (Out) to PC's & Depts	56	(896,429)

To be revised

Questions

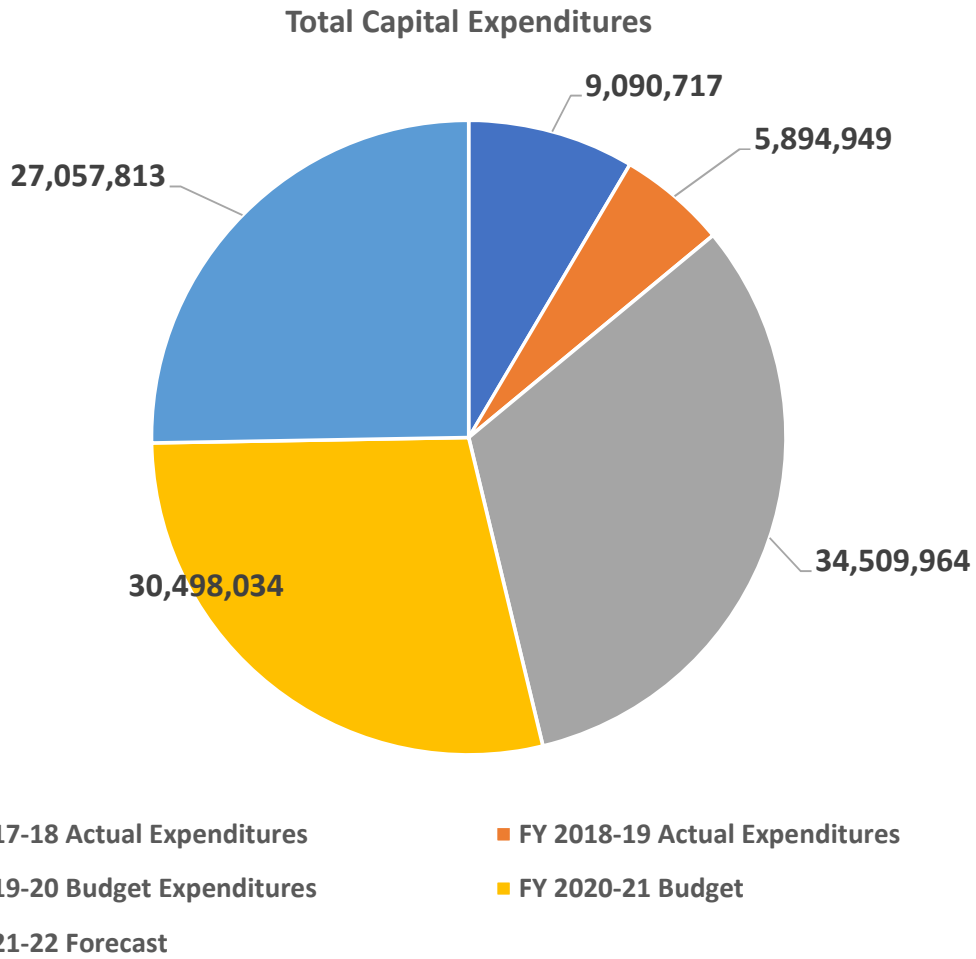
FY 2020–2022
Capital Program Detail
(Agenda Item 7)

**South Orange County Wastewater Authority
FY 2020-21 Capital Budget w/1-Year Forecast by Member Agency**

	FY 2016-17 Actual Expenditures	FY 2017-18 Actual Expenditures	FY 2018-19 Actual Expenditures	FY 2019-20 Budget Expenditures	FY 2020-21 Budget	FY 2021-22 Forecast
Total Capital Budget						
Member Agency						
City of Laguna Beach	857,725	1,047,324	525,844	4,962,557	4,155,760	2,505,772
City of San Clemente	9,387	396	3,571	14,745	218,724	-
City of San Juan Capistrano	886,145	698,567	645,880	3,247,868	3,903,153	2,034,712
El Toro Water District	673,966	433,008	174,214	642,576	1,296,413	717,084
Emerald Bay Service District	58,190	76,782	40,038	383,631	323,477	189,632
Irvine Ranch Water District	19,893	48,848	88,323	159,724	1,046,183	213,752
Moulton Niguel Water District	4,729,584	4,411,148	1,962,020	16,026,273	9,430,195	16,184,840
Santa Margarita Water District	818,783	520,859	480,709	2,525,591	3,356,987	1,541,004
South Coast Water District	1,798,353	1,853,786	1,974,351	6,546,999	6,767,142	3,671,016
Total Member Agency	9,852,026	9,090,717	5,894,949	34,509,964	30,498,034	27,057,813

**South Orange County Wastewater Authority
FY 2020-21 Capital Budget w/1-Year Forecast by Member Agency**

	FY 2017-18 Actual Expenditures	FY 2018-19 Actual Expenditures	FY 2019-20 Budget Expenditures	FY 2020-21 Budget	FY 2021-22 Forecast
Total Capital Expenditures	9,090,717	5,894,949	34,509,964	30,498,034	27,057,813

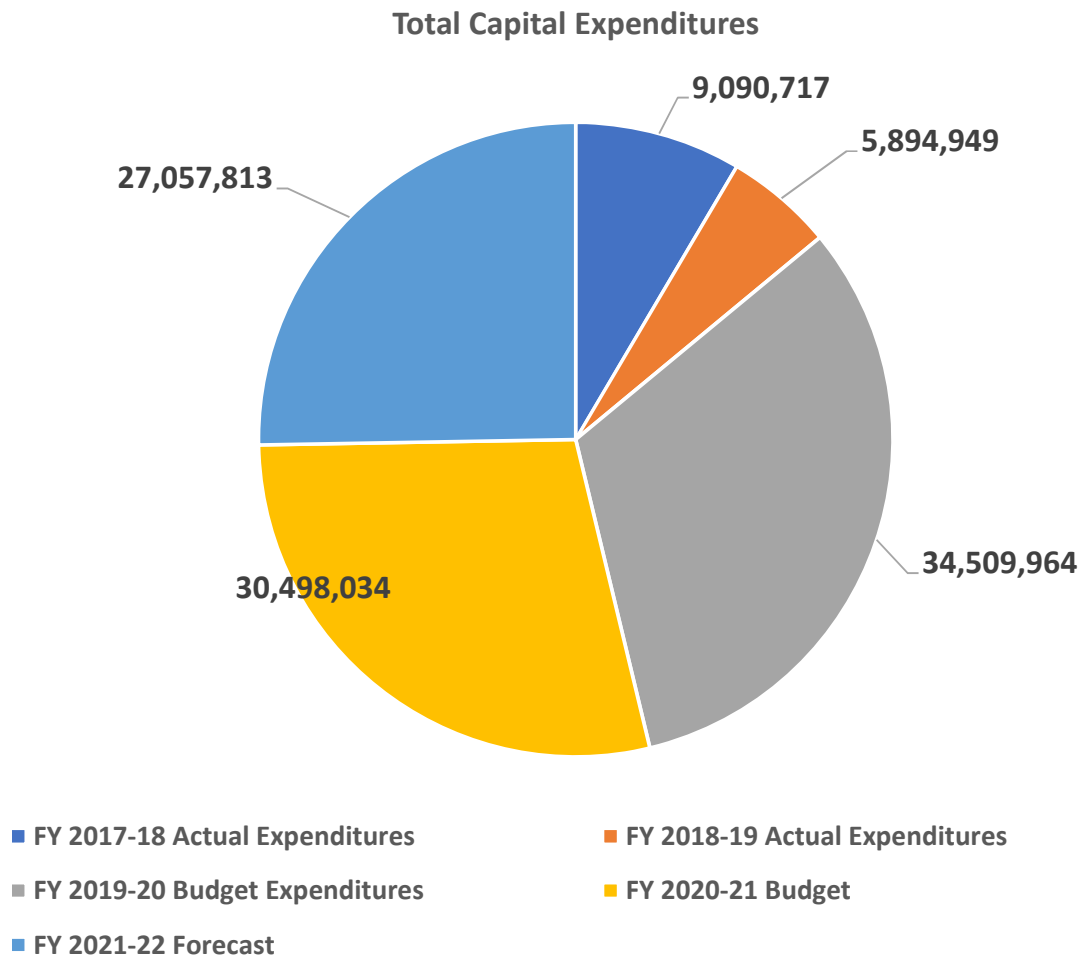


South Orange County Wastewater Authority
FY 2020-21 Capital Budget w/Non-Capital Engineering, Non-Capital Misc
and Small Capital by Member Agency

	FY 2017-18 Actual	FY 2018-19 Actual	FY 2019-20 Budget	FY 2020-21 Budget	FY 2021-22 Forecast
Large Capital Projects					
Member Agency					
City of Laguna Beach	792,058	307,282	4,632,011	3,771,865	2,039,668
City of San Clemente	239	3,571	-	210,027	-
City of San Juan Capistrano	435,443	479,345	2,821,980	3,483,928	1,811,360
El Toro Water District	345,185	114,321	527,457	1,199,804	604,456
Emerald Bay Service District	57,552	23,701	359,248	294,149	154,156
Irvine Ranch Water District	17,111	87,012	153,887	1,006,941	182,500
Moulton Niguel Water District	3,489,654	1,133,442	14,641,912	8,070,505	14,529,712
Santa Margarita Water District	316,782	354,266	2,186,216	3,058,367	1,375,540
South Coast Water District	1,396,833	1,658,004	5,876,061	6,066,814	3,055,132
Total Member Agency	6,850,857	4,160,944	31,198,772	27,162,400	23,752,524
*Non-Capital Engineering Projects (O&M Non-Operating Expense)					
Member Agency					
City of Laguna Beach	61,261	13,466	46,606	120,615	204,604
City of San Clemente	157	-	12,586	8,697	-
City of San Juan Capistrano	54,660	14,698	162,656	200,113	-
El Toro Water District	42,783	2,262	16,596	16,605	15,116
Emerald Bay Service District	4,653	1,045	3,406	9,324	15,872
Irvine Ranch Water District	31,737	1,311	-	7,990	-
Moulton Niguel Water District	196,010	61,590	280,670	375,582	665,792
Santa Margarita Water District	49,105	9,698	137,178	148,276	-
South Coast Water District	94,689	23,390	178,989	274,432	161,216
Total Member Agency	535,056	127,459	838,687	1,161,634	1,062,600
*Non-Capital Miscellaneous Engineering (O&M Non-Operating Expense)					
Member Agency					
City of Laguna Beach			28,332	1,580	1,580
City of San Clemente			1,703	-	-
City of San Juan Capistrano			54,668	1,520	1,520
El Toro Water District			36,258	31,664	31,664
Emerald Bay Service District			1,769	112	112
Irvine Ranch Water District			5,405	31,252	31,252
Moulton Niguel Water District			169,463	5,264	5,264
Santa Margarita Water District			46,245	1,144	1,144
South Coast Water District			81,157	2,464	2,464
Total Member Agency	-	-	425,000	75,000	75,000
*Small Internal Capital					
Member Agency					
City of Laguna Beach	194,006	205,096	255,608	261,700	259,920
City of San Clemente	-	-	456	-	-
City of San Juan Capistrano	208,464	151,837	208,564	217,592	221,832
El Toro Water District	45,040	57,630	62,264	48,340	65,848
Emerald Bay Service District	14,577	15,292	19,208	19,892	19,492
Irvine Ranch Water District	-	-	432	-	-
Moulton Niguel Water District	725,483	766,988	934,228	978,844	984,072
Santa Margarita Water District	154,973	116,746	155,952	149,200	164,320
South Coast Water District	362,263	292,957	410,792	423,432	452,204
Total Member Agency	1,704,805	1,606,546	2,047,504	2,099,000	2,167,689
Total Capital Budget					
Member Agency					
City of Laguna Beach	1,047,324	525,844	4,962,557	4,155,760	2,505,772
City of San Clemente	396	3,571	14,745	218,724	-
City of San Juan Capistrano	698,567	645,880	3,247,868	3,903,153	2,034,712
El Toro Water District	433,008	174,214	642,576	1,296,413	717,084
Emerald Bay Service District	76,782	40,038	383,631	323,477	189,632
Irvine Ranch Water District	48,848	88,323	159,724	1,046,183	213,752
Moulton Niguel Water District	4,411,148	1,962,020	16,026,273	9,430,195	16,184,840
Santa Margarita Water District	520,859	480,709	2,525,591	3,356,987	1,541,004
South Coast Water District	1,853,786	1,974,351	6,546,999	6,767,142	3,671,016
Total Member Agency	9,090,717	5,894,949	34,509,964	30,498,034	27,057,813

South Orange County Wastewater Authority FY 2020-21 Capital Budget w/1-Year Forecast by Member Agency

	FY 2017-18 Actual Expenditures	FY 2018-19 Actual Expenditures	FY 2019-20 Budget Expenditures	FY 2020-21 Budget	FY 2021-22 Forecast
Total Capital Expenditures	9,090,717	5,894,949	34,509,964	30,498,034	27,057,813



South Orange County Wastewater Authority
FY 2020-21 Capital Budget w/Non-Capital Engineering, Non-Capital Misc
and Small Capital by Member Agency

	FY 2017-18 Actual	FY 2018-19 Actual	FY 2019-20 Budget	FY 2020-21 Budget	FY 2021-22 Forecast
Large Capital Projects					
Member Agency					
City of Laguna Beach	792,058	307,282	4,632,011	3,771,865	2,039,668
City of San Clemente	239	3,571	-	210,027	-
City of San Juan Capistrano	435,443	479,345	2,821,980	3,483,928	1,811,360
El Toro Water District	345,185	114,321	527,457	1,199,804	604,456
Emerald Bay Service District	57,552	23,701	359,248	294,149	154,156
Irvine Ranch Water District	17,111	87,012	153,887	1,006,941	182,500
Moulton Niguel Water District	3,489,654	1,133,442	14,641,912	8,070,505	14,529,712
Santa Margarita Water District	316,782	354,266	2,186,216	3,058,367	1,375,540
South Coast Water District	1,396,833	1,658,004	5,876,061	6,066,814	3,055,132
Total Member Agency	6,850,857	4,160,944	31,198,772	27,162,400	23,752,524
*Non-Capital Engineering Projects (O&M Non-Operating Expense)					
Member Agency					
City of Laguna Beach	61,261	13,466	46,606	120,615	204,604
City of San Clemente	157	-	12,586	8,697	-
City of San Juan Capistrano	54,660	14,698	162,656	200,113	-
El Toro Water District	42,783	2,262	16,596	16,605	15,116
Emerald Bay Service District	4,653	1,045	3,406	9,324	15,872
Irvine Ranch Water District	31,737	1,311	-	7,990	-
Moulton Niguel Water District	196,010	61,590	280,670	375,582	665,792
Santa Margarita Water District	49,105	9,698	137,178	148,276	-
South Coast Water District	94,689	23,390	178,989	274,432	161,216
Total Member Agency	535,056	127,459	838,687	1,161,634	1,062,600
*Non-Capital Miscellaneous Engineering (O&M Non-Operating Expense)					
Member Agency					
City of Laguna Beach			28,332	1,580	1,580
City of San Clemente			1,703	-	-
City of San Juan Capistrano			54,668	1,520	1,520
El Toro Water District			36,258	31,664	31,664
Emerald Bay Service District			1,769	112	112
Irvine Ranch Water District			5,405	31,252	31,252
Moulton Niguel Water District			169,463	5,264	5,264
Santa Margarita Water District			46,245	1,144	1,144
South Coast Water District			81,157	2,464	2,464
Total Member Agency	-	-	425,000	75,000	75,000
*Small Internal Capital					
Member Agency					
City of Laguna Beach	194,006	205,096	255,608	261,700	259,920
City of San Clemente	-	-	456	-	-
City of San Juan Capistrano	208,464	151,837	208,564	217,592	221,832
El Toro Water District	45,040	57,630	62,264	48,340	65,848
Emerald Bay Service District	14,577	15,292	19,208	19,892	19,492
Irvine Ranch Water District	-	-	432	-	-
Moulton Niguel Water District	725,483	766,988	934,228	978,844	984,072
Santa Margarita Water District	154,973	116,746	155,952	149,200	164,320
South Coast Water District	362,263	292,957	410,792	423,432	452,204
Total Member Agency	1,704,805	1,606,546	2,047,504	2,099,000	2,167,689
Total Capital Budget					
Member Agency					
City of Laguna Beach	1,047,324	525,844	4,962,557	4,155,760	2,505,772
City of San Clemente	396	3,571	14,745	218,724	-
City of San Juan Capistrano	698,567	645,880	3,247,868	3,903,153	2,034,712
El Toro Water District	433,008	174,214	642,576	1,296,413	717,084
Emerald Bay Service District	76,782	40,038	383,631	323,477	189,632
Irvine Ranch Water District	48,848	88,323	159,724	1,046,183	213,752
Moulton Niguel Water District	4,411,148	1,962,020	16,026,273	9,430,195	16,184,840
Santa Margarita Water District	520,859	480,709	2,525,591	3,356,987	1,541,004
South Coast Water District	1,853,786	1,974,351	6,546,999	6,767,142	3,671,016
Total Member Agency	9,090,717	5,894,949	34,509,964	30,498,034	27,057,813

**South Orange County Wastewater Authority
Large Capital Projects Scheduled for FY 2020-21**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 02 J B Latham					
Liquids					
3220-000 - Facility Improvements B - Basin Upgrades Construction I (201	885,273	1,475,455	1,180,364	1,180,364	4,721,456
3227-000 - Package ""D"" Design (2021)	-	-	30,531	106,859	137,390
3285-000 - Main Plant Drain Line Reconstruction (2018)	-	41,838	97,622	83,676	223,136
Total Liquids	885,273	1,517,293	1,308,517	1,370,899	5,081,982
Common					
3229-000 - Drainage Pump Station Reconstruction (2021)	-	17,858	71,433	89,292	178,583
3231-000 - Facility Improvements B - Common Upgrades Construction II	173,978	289,964	231,971	231,971	927,884
Total Common	173,978	307,822	303,404	321,263	1,106,467
Solids					
3234-000 - Centrate Piping Reconstruction (2021)	-	19,879	79,518	99,397	198,794
3235-000 - Package ""D"" Design (2021)	-	-	91,593	320,575	412,168
3287-000 - Facility Improvements B - DAFT and Ancillary Solids Improvem	787,962	1,313,270	1,050,616	1,050,616	4,202,464
Total Solids	787,962	1,333,149	1,221,727	1,470,588	4,813,426
Total PC 02 J B Latham	1,847,213	3,158,264	2,833,648	3,162,750	11,001,875

**South Orange County Wastewater Authority
Large Capital Projects Scheduled for FY 2020-21**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 05 San Juan Creek Ocean Outfall					
3605-000 - Junction Structure Reinforcement Permitting and Final	83,717	111,623	83,717	-	279,057
3606-000 - Junction Struction - Sleeve Insertion (2021)	295,393	393,857	295,393	-	984,643
Total PC 05 San Juan Creek Ocean Outfall	379,110	505,480	379,110	-	1,263,700
PC 15 Coastal Treatment Plant					
Liquids					
3539-000 - Facility Construction Improvements - Part II (2020)	1,189,972	1,983,286	1,586,629	1,586,629	6,346,516
3541-000 - Export Sludge System Construction (2020)	474,354	474,354	790,590	948,708	2,688,006
3542-000 - South Embankment Protection (2021)	-	52,348	52,348	-	104,696
3543-000 - Export Sludge Pipeline Replacement at RTP (2021)	-	-	-	52,356	52,356
3544-000 - Aeration Upgrade Construction - Part I (2021)	-	-	235,206	235,206	470,412
Total Liquids	1,664,326	2,509,988	2,664,773	2,822,899	9,661,986
AWT					
3546-000 - Chlorine Contact Basin Gates (2021)	-	119,574	119,574	-	239,148
Total AWT	-	119,574	119,574	-	239,148
Total PC 15 Coastal Treatment Plant	1,664,326	2,629,562	2,784,347	2,822,899	9,901,134

**South Orange County Wastewater Authority
Large Capital Projects Scheduled for FY 2020-21**

1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
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PC 17 Joint Regional Wastewater Reclamation

Liquids

3742-000 - Aeration System Upgrade (2019)	173,254	-	-	-	173,254
3743-000 - Aeration Gate Replacement (2019)	52,185	-	-	-	52,185
3753-000 - Aeration Diffuser Upgrade (2020)	117,111	-	-	-	117,111
3756-000 - Secondary Clarifier Safety Repairs (2020)	5,892	17,675	23,567	11,783	58,917
3757-000 - Miscellaneous Safety Improvements - Liquids (2020)	11,747	35,241	46,988	23,494	117,470
3766-000 - AWT Sodium Hypochlorite Tanks Shade (2020)	-	127,990	127,990	-	255,980
3774-000 - MCC A, C, G, H Replacement (Liquids) (2021)	-	-	-	98,419	98,419
3775-000 - Aeration Handrail Upgrade (2021)	15,383	46,149	61,532	30,766	153,830
3776-000 - Effluent Pond Gate Replacement (2021)	-	-	124,943	124,943	249,886
3777-000 - Site Lighting Upgrade Basins (2021)	-	-	54,718	164,155	218,873
Total Liquids	375,572	227,055	439,738	453,560	1,495,925

Common

37202C-000 - West Slope Protection	-	-	-	91,903	91,903
37203C-000 - Admin. Bldg. Door and Window Repair	-	99,561	33,187	-	132,748
3778-000 - Site Lighting Upgrade - Common (2021)	-	-	45,022	135,067	180,089
3779-000 - MCC A, C, G, H Replacement (Common) (2021)	-	-	-	62,074	62,074
Total Common	-	99,561	78,209	289,044	466,814

**South Orange County Wastewater Authority
Large Capital Projects Scheduled for FY 2020-21**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
Solids					
37201S-000 - MCC A, C, G, H Replacement	-	-	-	43,696	43,696
3771-000 - Miscellaneous Safety Improvements - Solids (2020)	-	31,975	31,975	-	63,950
3772-000 - Hot Water Piping Reconstruction (2020)	-	155,975	155,975	-	311,950
3773-000 - Co-Generation System Modifications (2020)	72,672	145,344	72,672	-	290,688
Total Solids	72,672	333,294	260,622	43,696	710,284
Total PC 17 Joint Regional Wastewater Reclamation	448,244	659,910	778,569	786,300	2,673,023
PC 21 Effluent Transmission Main					
3107-000 - Air Valve Replacement Construction (D) (2021)	35,653	106,959	106,959	106,959	356,530
3108-000 - Air Valve Replacement Construction (E) (2021)	57,804	173,413	173,413	173,413	578,043
3109-000 - Trail Bridge Crossing (D) (2021)	-	409,238	409,238	204,619	1,023,095
31211B-000 - Aliso ETM Reach B/C Techite Replacement	-	-	146,000	219,000	365,000
Total PC 21 Effluent Transmission Main	93,457	689,610	835,610	703,991	2,322,668
FY 20-21 Total Work Plan	4,432,350	7,642,826	7,611,284	7,475,940	27,162,400

**South Orange County Wastewater Authority
Non Capital Projects Scheduled for FY 2020-21**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 02 J B Latham					
Liquids					
42211L-000 - Influent Flow Metering Evaluation	12,730	38,191	-	-	50,921
42212L-000 - Plant 1 Grit Handling Evaluation	-	-	25,352	25,352	50,704
42213L-000 - Chlorine Contact Basin/Effluent Pump Station Condition Asses	16,550	49,649	-	-	66,199
42214L-000 - Dana Point Influent Sewer Condition Assessment	16,485	49,455	-	-	65,940
42215L-000 - Plant 1 Influent Sewer Condition Assessment	21,557	64,672	-	-	86,229
42216L-000 - Plant 1 Bypass Sewer Condition Assessment	10,145	30,434	-	-	40,579
Total Liquids	77,467	232,401	25,352	25,352	360,572
Common					
42217C-000 - Site Storage Evaluation	15,244	45,730	-	-	60,974
42218C-000 - Buried Utility Master Plan	76,219	76,219	-	-	152,438
42219C-000 - Electrical Conduit and Cable Master Plan	30,488	30,488	-	-	60,976
Total Common	121,951	152,437	-	-	274,388
Total PC 02 J B Latham	199,418	384,838	25,352	25,352	634,960
PC 05 San Juan Creek Ocean Outfall					
46211O-000 - Land Outfall Facility Condition Assessment	13,081	39,245	-	-	52,326
Total PC 05 San Juan Creek Ocean Outfall	13,081	39,245	-	-	52,326

**South Orange County Wastewater Authority
Non Capital Projects Scheduled for FY 2020-21**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 15 Coastal Treatment Plant					
Liquids					
45211L-000 - Plant Reconfiguration Feasibility Study	60,000	60,000	60,000	60,000	240,000
45212L-000 - Site Storage Evaluation	12,500	37,500	-	-	50,000
Total Liquids	72,500	97,500	60,000	60,000	290,000
Total PC 15 Coastal Treatment Plant	72,500	97,500	60,000	60,000	290,000
PC 17 Joint Regional Wastewater Reclamation					
Liquids					
47211L-000 - Interstage Pump Station Condition Assessment	-	-	26,172	26,172	52,344
Total Liquids	-	-	26,172	26,172	52,344
Common					
47212C-000 - Site Storage Evaluation	20,325	60,975	-	-	81,300
Total Common	20,325	60,975	-	-	81,300
Total PC 17 Joint Regional Wastewater Reclamation	20,325	60,975	26,172	26,172	133,644
PC 24 Aliso Creek Ocean Outfall					
44211O-000 - Creek Section Pipeline Replacement Estimate Update	-	-	25,352	25,352	50,704
Total PC 24 Aliso Creek Ocean Outfall	-	-	25,352	25,352	50,704
FY 20-21 Total Work Plan	305,324	582,558	136,876	136,876	1,161,634

South Orange County Wastewater Authority
Non Capital Miscellaneous Engineering Expenses Scheduled for FY 2020-21

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 02 J B Latham Common					
5212-000 - PC 2 Miscellaneous Engineering Common (2021)	1,250	1,250	1,250	1,250	5,000
Total Common	1,250	1,250	1,250	1,250	5,000
Total PC 02 J B Latham	1,250	1,250	1,250	1,250	5,000
PC 15 Coastal Treatment Plant Liquids					
5505-000 - PC 15 Miscellaneous Engineering Liquids (2021)	875	875	875	875	3,500
Total Liquids	875	875	875	875	3,500
Total PC 15 Coastal Treatment Plant	875	875	875	875	3,500
PC 17 Joint Regional Wastewater Reclamation Common					
5708-000 - PC 17 Miscellaneous Engineering Common (2021)	1,000	1,000	1,000	1,000	4,000
Total Common	1,000	1,000	1,000	1,000	4,000
Total PC 17 Joint Regional Wastewater Reclamation	1,000	1,000	1,000	1,000	4,000
PC 21 Effluent Transmission Main					
5115-000 - PC 21 Miscellaneous Engineering B/C/D (2021)	15,625	15,625	15,625	15,625	62,500
Total PC 21 Effluent Transmission Main	15,625	15,625	15,625	15,625	62,500
FY 20-21 Total Work Plan	18,750	18,750	18,750	18,750	75,000

**South Orange County Wastewater Authority
Small Capital Projects Scheduled for FY 2020-21**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 02 J B Latham					
Liquids					
2221-001 - 2 ISCO Samplers (between 3 PC's)	1,750	1,750	1,750	1,750	7,000
2221-002 - Laboratory Equipment and Probe Replacements (between 3 PC's)	2,500	2,500	2,500	2,500	10,000
2221-003 - Building Lighting Improvements	3,750	3,750	3,750	3,750	15,000
2221-004 - Aeration Header Noise Cover	11,250	11,250	11,250	11,250	45,000
2221-005 - 4-side RAS Pump Overhaul	3,500	3,500	3,500	3,500	14,000
2221-006 - 4-side WAS Pump Overhaul	4,500	4,500	4,500	4,500	18,000
2221-007 - 9-side WAS Pump Overhaul	4,500	4,500	4,500	4,500	18,000
2221-008 - 9-side Gas Line Replacement	9,000	9,000	9,000	9,000	36,000
2221-009 - Replacement Liquids Side Bleach Tank	4,750	4,750	4,750	4,750	19,000
2221-010 - Decant Pump Station Wet Well Lining	6,000	6,000	6,000	6,000	24,000
2221-011 - Replacement 4-Side Grit Tank Stairs	3,250	3,250	3,250	3,250	13,000
2221-012 - Replacement Gate Operator JBL	1,750	1,750	1,750	1,750	7,000
2221-013 - 9-side Replacement Blower Room Basement Fans	2,750	2,750	2,750	2,750	11,000
2221-014 - 4-Side Headworks Roll up Door Replacement	7,250	7,250	7,250	7,250	29,000
2221-015 - Replacement Grit Auger JBL	20,000	20,000	20,000	20,000	80,000
2221-016 - 4-Side RSP Overhaul	7,250	7,250	7,250	7,250	29,000
2221-017 - Fixed Gas Detectors - JBL Liquids	11,250	11,250	11,250	11,250	45,000
Total Liquids	105,000	105,000	105,000	105,000	420,000

**South Orange County Wastewater Authority
Small Capital Projects Scheduled for FY 2020-21**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
Common					
2221-018 - Safety Equipment JBL	5,000	5,000	5,000	5,000	20,000
2221-019 - Replacement Gate Operator	1,750	1,750	1,750	1,750	7,000
2221-020 - Stanley Access Upgrades 2021	1,500	1,500	1,500	1,500	6,000
2221-021 - Ultrasonic Testing Equipment (between 3 PC's)	2,250	2,250	2,250	2,250	9,000
2221-022 - Vibration Analysis Testing Equipment (between 3 PC's)	2,500	2,500	2,500	2,500	10,000
2221-023 - JBL PLC Hardware Upgrades and Replacements 20-21	3,750	3,750	3,750	3,750	15,000
2221-024 - JBL HP SCADA Server Switch	3,750	3,750	3,750	3,750	15,000
2221-025 - JBL OIT Replacements 20-21	2,500	2,500	2,500	2,500	10,000
Total Common	23,000	23,000	23,000	23,000	92,000
Solids					
2221-026 - Solids Buildings Door Replacement	4,750	4,750	4,750	4,750	19,000
2221-027 - Foul Air Connection to Centrate Line	3,750	3,750	3,750	3,750	15,000
2221-028 - Centrifuge Rebuild JBL	17,500	17,500	17,500	17,500	70,000
2221-029 - Replacement Solids Side Bleach Tank	6,000	6,000	6,000	6,000	24,000
2221-030 - Fixed Gas Detectors - JBL Solids	11,250	11,250	11,250	11,250	45,000
Total Solids	43,250	43,250	43,250	43,250	173,000
Total PC 02 J B Latham - O&M	178,250	178,250	178,250	178,250	713,000

**South Orange County Wastewater Authority
Small Capital Projects Scheduled for FY 2020-21**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 15 Coastal Treatment Plant					
Liquids					
2221-001 - 2 ISCO Samplers (between 3 PC's)	1,750	1,750	1,750	1,750	7,000
2221-002 - Laboratory Equipment and Probe Replacements (between 3 PC's)	2,500	2,500	2,500	2,500	10,000
2521-001 - Replacement Nitrate Probe	4,250	4,250	4,250	4,250	17,000
2521-002 - Pump/Blower Overhauls	3,750	3,750	3,750	3,750	15,000
2521-003 - Replacement Grit Auger CTP	21,250	21,250	21,250	21,250	85,000
2521-004 - Grit Pump Replacements (2)	17,500	17,500	17,500	17,500	70,000
2521-005 - WAS Pump Control Rehabilitation	1,750	1,750	1,750	1,750	7,000
2521-006 - Process Water Tank Cover Replacement	22,500	22,500	22,500	22,500	90,000
2521-007 - Fixed Gas Detectors CTP	19,000	19,000	19,000	19,000	76,000
2521-008 - Building Lighting Improvements CTP	12,500	12,500	12,500	12,500	50,000
2521-009 - DAFT Stair and Walkway Replacement	4,250	4,250	4,250	4,250	17,000
Total Liquids	111,000	111,000	111,000	111,000	444,000
Common					
2221-021 - Ultrasonic Testing Equipment (between 3 PC's)	2,250	2,250	2,250	2,250	9,000
2221-022 - Vibration Analysis Testing Equipment (between 3 PC's)	2,500	2,500	2,500	2,500	10,000
2521-010 - Safety Equipment CTP	7,500	7,500	7,500	7,500	30,000
2521-011 - Landscape Renovations CTP	10,000	10,000	10,000	10,000	40,000
2521-012 - Stanley Security Access Expansion 2020 CTP	3,750	3,750	3,750	3,750	15,000
2521-013 - Replacement Roll Up Door	3,750	3,750	3,750	3,750	15,000
2521-014 - CTP PLC Hardware Upgrades and Replacements 20-21	3,750	3,750	3,750	3,750	15,000
2521-015 - CTP HP SCADA Server Switch	3,750	3,750	3,750	3,750	15,000
2521-016 - CTP OIT Replacements 20-21	2,500	2,500	2,500	2,500	10,000
Total Common	39,750	39,750	39,750	39,750	159,000

**South Orange County Wastewater Authority
Small Capital Projects Scheduled for FY 2020-21**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
AWT					
2521-017 - Building #19 Floor Rehabilitation	6,250	6,250	6,250	6,250	25,000
2521-018 - Replacement Turbidity Meter	1,750	1,750	1,750	1,750	7,000
Total AWT	8,000	8,000	8,000	8,000	32,000
Total PC 15 Coastal Treatment Plant - O&M					
	162,500	162,500	162,500	162,500	650,000
PC 17 Joint Regional Wastewater Reclamation Liquids					
2221-001 - 2 ISCO Samplers (between 3 PC's)	1,750	1,750	1,750	1,750	7,000
2221-002 - Laboratory Equipment and Probe Replacements (between 3 PC's)	2,500	2,500	2,500	2,500	10,000
2721-001 - Headworks Replacement Doors	2,500	2,500	2,500	2,500	10,000
2721-002 - Aeration Panel Replacement	9,000	9,000	9,000	9,000	36,000
2721-003 - Rebuild RAS Pump #55	4,000	4,000	4,000	4,000	16,000
2721-004 - Rebuild Three (3) Low Pressure Water Pumps	12,000	12,000	12,000	12,000	48,000
2721-005 - Overhaul Interstage Pump #3	12,500	12,500	12,500	12,500	50,000
2721-006 - Overhaul two (2) Hoffman Blowers	3,000	3,000	3,000	3,000	12,000
2721-007 - Replacement Grit Auger	20,000	20,000	20,000	20,000	80,000
2721-008 - Fixed Gas Detectors - RTP Liquids	18,750	18,750	18,750	18,750	75,000
Total Liquids	86,000	86,000	86,000	86,000	344,000
Common					
2221-021 - Ultrasonic Testing Equipment (between 3 PC's)	2,250	2,250	2,250	2,250	9,000
2221-022 - Vibration Analysis Testing Equipment (between 3 PC's)	2,500	2,500	2,500	2,500	10,000
2721-009 - Safety Equipment	7,500	7,500	7,500	7,500	30,000
2721-010 - Landscape Renovations	9,000	9,000	9,000	9,000	36,000
2721-011 - Stanley Security Access Expansion 2020	2,000	2,000	2,000	2,000	8,000
2721-012 - RTP PLC Hardware Upgrades and Replacments 20-21	3,750	3,750	3,750	3,750	15,000
2721-013 - RTP HP SCADA Server Switch	3,750	3,750	3,750	3,750	15,000
2721-014 - RTP OIT Replacements 20-21	2,500	2,500	2,500	2,500	10,000
Total Common	33,250	33,250	33,250	33,250	133,000

**South Orange County Wastewater Authority
Small Capital Projects Scheduled for FY 2020-21**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
Solids					
2721-015 - Building #40 Replacement Doors	5,000	5,000	5,000	5,000	20,000
2721-016 - Fixed Gas Detectors - RTP Solids	18,750	18,750	18,750	18,750	75,000
2721-017 - Spare SET Sludge Pump	3,750	3,750	3,750	3,750	15,000
2721-018 - Centrifuge Rebuild	15,000	15,000	15,000	15,000	60,000
Total Solids	42,500	42,500	42,500	42,500	170,000
AWT					
2721-019 - Overhaul AWT Valve Actuator Systems	19,250	19,250	19,250	19,250	77,000
2721-020 - Spare Pulsafeeder Pump	3,000	3,000	3,000	3,000	12,000
Total AWT	22,250	22,250	22,250	22,250	89,000
Total PC 17 Joint Regional Wastewater Reclamation - O&M	184,000	184,000	184,000	184,000	736,000
FY 2020-21 O & M Small Internal Capital Work Plan	514,000	514,000	514,000	514,000	2,056,000
IT Small Internal Capital					
PC 02 J B Latham					
Common					
2221-031 - Seismic bracing installation for server equipment	2,500	2,500	2,500	2,500	10,000
2221-032 - PA System	4,500	4,500	4,500	4,500	18,000
Total PC 02 J B Latham - IT	7,000	7,000	7,000	7,000	28,000
PC 15 Coastal Treatment Plant					
Common					
2521-019 - Directional antenna inst for secondary Internet to VZW	3,750	3,750	3,750	3,750	15,000
Total PC 15 Coastal Treatment Plant - IT	3,750	3,750	3,750	3,750	15,000
FY 2020-21 IT Small Internal Capital Work Plan	10,750	10,750	10,750	10,750	43,000
FY 2020-21 Total Small Internal Capital Work Plan	524,750	524,750	524,750	524,750	2,099,000

**South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21**

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	1,563,687	-	-	-	1,172,766	1,465,957	879,573	5,081,983
Common	-	-	336,196	-	-	-	247,288	270,234	252,751	1,106,469
Solids	-	-	1,444,028	-	-	-	1,040,741	962,685	1,365,972	4,813,426
Total PC 02 J B Latham	-	-	3,343,911	-	-	-	2,460,795	2,698,876	2,498,296	11,001,878
PC 05 San Juan Creek Ocean Outfall	-	210,027	140,017	-	-	-	196,000	157,583	560,071	1,263,698
PC 15 Coastal Treatment Plant										
Liquids	3,662,902	-	-	288,417	-	-	2,826,490	2,884,174	-	9,661,983
AWT	-	-	-	-	-	-	-	239,148	-	239,148
Total PC 15 Coastal Treatment Plant	3,662,902	-	-	288,417	-	-	2,826,490	3,123,322	-	9,901,131
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	1,495,926	-	-	1,495,926
Common	29,269	-	-	1,541	47,895	-	364,716	23,392	-	466,813
Solids	79,694	-	-	4,191	144,968	-	417,788	63,641	-	710,282
Total PC 17 Joint Regional Wastewater Reclamation	108,963	-	-	5,732	192,863	-	2,278,430	87,033	-	2,673,021
PC 21 Effluent Transmission Main	-	-	-	-	1,006,941	1,006,941	308,790	-	-	2,322,672
Total Large Capital Work Plan	3,771,865	210,027	3,483,928	294,149	1,199,804	1,006,941	8,070,505	6,066,814	3,058,367	27,162,400
Non-Capital Engineering Projects (Non-Operating O&M Expense)										
PC 02 J B Latham										
Liquids	-	-	110,945	-	-	-	83,208	104,012	62,407	360,572
Common	-	-	83,371	-	-	-	61,324	67,014	62,678	274,388
Total PC 02 J B Latham	-	-	194,316	-	-	-	144,532	171,026	125,085	634,959
PC 05 San Juan Creek Ocean Outfall	-	8,697	5,797	-	-	-	8,116	6,525	23,191	52,326
PC 15 Coastal Treatment Plant										
Liquids	109,940	-	-	8,658	-	-	84,835	86,566	-	289,999
Total PC 15 Coastal Treatment Plant	109,940	-	-	8,658	-	-	84,835	86,566	-	289,999
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	52,346	-	-	52,346
Common	5,097	-	-	269	8,341	-	63,519	4,073	-	81,299
Total PC 17 Joint Regional Wastewater Reclamation	5,097	-	-	269	8,341	-	115,865	4,073	-	133,644
PC 24 Aliso Creek Ocean Outfall	5,578	-	-	397	8,264	7,990	22,234	6,242	-	50,704
Total Non-Capital Engineering Work Plan	120,615	8,697	200,113	9,324	16,605	7,990	375,582	274,432	148,276	1,161,634

**South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21**

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Common	-	-	1,520	-	-	-	1,116	1,220	1,144	5,000
Total PC 02 J B Latham	-	-	1,520	-	-	-	1,116	1,220	1,144	5,000
PC 15 Coastal Treatment Plant										
Liquids	1,328	-	-	100	-	-	1,024	1,044	-	3,496
Total PC 15 Coastal Treatment Plant	1,328	-	-	100	-	-	1,024	1,044	-	3,496
PC 17 Joint Regional Wastewater Reclamation										
Common	252	-	-	12	412	-	3,124	200	-	4,000
Total PC 17 Joint Regional Wastewater Reclamation	252	-	-	12	412	-	3,124	200	-	4,000
PC 21 Effluent Transmission Main	-	-	-	-	31,252	31,252	-	-	-	62,504
Total Non Capital Miscellaneous Engineering Work Plan	1,580	-	1,520	112	31,664	31,252	5,264	2,464	1,144	75,000
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	129,232	-	-	-	96,924	121,152	72,692	420,000
Common	-	-	36,460	-	-	-	26,820	29,308	27,412	120,000
Solids	-	-	51,900	-	-	-	37,404	34,600	49,096	173,000
Total PC 02 J B Latham	-	-	217,592	-	-	-	161,148	185,060	149,200	713,000
PC 15 Coastal Treatment Plant										
Liquids	168,320	-	-	13,252	-	-	129,888	132,536	-	443,996
Common	65,964	-	-	5,196	-	-	50,900	51,940	-	174,000
AWT	-	-	-	-	-	-	-	32,000	-	32,000
Total PC 15 Coastal Treatment Plant	234,284	-	-	18,448	-	-	180,788	216,476	-	649,996
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	344,000	-	-	344,000
Common	8,340	-	-	440	13,644	-	103,912	6,664	-	133,000
Solids	19,076	-	-	1,004	34,696	-	99,996	15,232	-	170,004
AWT	-	-	-	-	-	-	89,000	-	-	89,000
Total PC 17 Joint Regional Wastewater Reclamation	27,416	-	-	1,444	48,340	-	636,908	21,896	-	736,004
Total Small Internal Capital Work Plan	261,700	-	217,592	19,892	48,340	-	978,844	423,432	149,200	2,099,000

**South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21**

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	1,803,864	-	-	-	1,352,898	1,691,121	1,014,672	5,862,555
Common	-	-	457,547	-	-	-	336,548	367,776	343,985	1,505,857
Solids	-	-	1,495,928	-	-	-	1,078,145	997,285	1,415,068	4,986,426
Total PC 02 J B Latham	-	-	3,757,339	-	-	-	2,767,591	3,056,182	2,773,725	12,354,838
PC 05 San Juan Creek Ocean Outfall	-	218,724	145,814	-	-	-	204,116	164,108	583,262	1,316,024
PC 15 Coastal Treatment Plant										
Liquids	3,942,490	-	-	310,427	-	-	3,042,237	3,104,320	-	10,399,474
Common	65,964	-	-	5,196	-	-	50,900	51,940	-	174,000
AWT	-	-	-	-	-	-	-	271,148	-	271,148
Total PC 15 Coastal Treatment Plant	4,008,454	-	-	315,623	-	-	3,093,137	3,427,408	-	10,844,622
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	1,892,272	-	-	1,892,272
Common	42,958	-	-	2,262	70,292	-	535,271	34,329	-	685,112
Solids	98,770	-	-	5,195	179,664	-	517,784	78,873	-	880,286
AWT	-	-	-	-	-	-	89,000	-	-	89,000
Total PC 17 Joint Regional Wastewater Reclamation	141,728	-	-	7,457	249,956	-	3,034,327	113,202	-	3,546,670
PC 21 Effluent Transmission Main	-	-	-	-	1,038,193	1,038,193	308,790	-	-	2,385,176
PC 24 Aliso Creek Ocean Outfall	5,578	-	-	397	8,264	7,990	22,234	6,242	-	50,704
SOCWA Total Capital Work Plan	4,155,760	218,724	3,903,153	323,477	1,296,413	1,046,183	9,430,195	6,767,142	3,356,987	30,498,034

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21
1st Quarter

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	272,392	-	-	-	204,294	255,367	153,220	885,273
Common	-	-	52,863	-	-	-	38,883	42,491	39,742	173,979
Solids	-	-	236,389	-	-	-	170,370	157,592	223,611	787,962
Total PC 02 J B Latham	-	-	561,644	-	-	-	413,547	455,450	416,573	1,847,214
PC 05 San Juan Creek Ocean Outfall	-	63,008	42,005	-	-	-	58,800	47,275	168,021	379,109
PC 15 Coastal Treatment Plant										
Liquids	630,953	-	-	49,681	-	-	486,877	496,814	-	1,664,325
AWT	-	-	-	-	-	-	-	-	-	-
Total PC 15 Coastal Treatment Plant	630,953	-	-	49,681	-	-	486,877	496,814	-	1,664,325
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	375,572	-	-	375,572
Common	-	-	-	-	-	-	-	-	-	-
Solids	8,154	-	-	429	14,832	-	42,746	6,511	-	72,672
Total PC 17 Joint Regional Wastewater Reclamation	8,154	-	-	429	14,832	-	418,318	6,511	-	448,244
PC 21 Effluent Transmission Main	-	-	-	-	31,290	31,290	30,879	-	-	93,459
Total Large Capital Work Plan	639,107	63,008	603,649	50,110	46,122	31,290	1,408,421	1,006,050	584,594	4,432,351
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 02 J B Latham										
Liquids	-	-	23,836	-	-	-	17,877	22,346	13,408	77,467
Common	-	-	37,054	-	-	-	27,255	29,784	27,857	121,950
Total PC 02 J B Latham	-	-	60,890	-	-	-	45,132	52,130	41,265	199,417
PC 05 San Juan Creek Ocean Outfall	-	2,174	1,449	-	-	-	2,029	1,631	5,798	13,081
PC 15 Coastal Treatment Plant										
Liquids	27,485	-	-	2,164	-	-	21,209	21,642	-	72,500
Total PC 15 Coastal Treatment Plant	27,485	-	-	2,164	-	-	21,209	21,642	-	72,500
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	-	-	-	-
Common	1,274	-	-	67	2,085	-	15,880	1,018	-	20,324
Total PC 17 Joint Regional Wastewater Reclamation	1,274	-	-	67	2,085	-	15,880	1,018	-	20,324
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
Total Non-Capital Engineering Work Plan	28,759	2,174	62,339	2,231	2,085	-	84,250	76,421	47,063	305,322

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21
1st Quarter

	CLB	CSC	CSJC	EBSJ	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Common	-	-	380	-	-	-	279	305	286	1,250
Total PC 02 J B Latham	-	-	380	-	-	-	279	305	286	1,250
PC 15 Coastal Treatment Plant										
Liquids	332	-	-	25	-	-	256	261	-	874
Total PC 15 Coastal Treatment Plant	332	-	-	25	-	-	256	261	-	874
PC 17 Joint Regional Wastewater Reclamation										
Common	63	-	-	3	103	-	781	50	-	1,000
Total PC 17 Joint Regional Wastewater Reclamation	63	-	-	3	103	-	781	50	-	1,000
PC 21 Effluent Transmission Main	-	-	-	-	7,813	7,813	-	-	-	15,626
Total Non Capital Miscellaneous Engineering Work	395	-	380	28	7,916	7,813	1,316	616	286	18,750
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	32,308	-	-	-	24,231	30,288	18,173	105,000
Common	-	-	9,115	-	-	-	6,705	7,327	6,853	30,000
Solids	-	-	12,975	-	-	-	9,351	8,650	12,274	43,250
Total PC 02 J B Latham	-	-	54,398	-	-	-	40,287	46,265	37,300	178,250
PC 15 Coastal Treatment Plant										
Liquids	42,080	-	-	3,313	-	-	32,472	33,134	-	110,999
Common	16,491	-	-	1,299	-	-	12,725	12,985	-	43,500
AWT	-	-	-	-	-	-	-	8,000	-	8,000
Total PC 15 Coastal Treatment Plant	58,571	-	-	4,612	-	-	45,197	54,119	-	162,499
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	86,000	-	-	86,000
Common	2,085	-	-	110	3,411	-	25,978	1,666	-	33,250
Solids	4,769	-	-	251	8,674	-	24,999	3,808	-	42,501
AWT	-	-	-	-	-	-	22,250	-	-	22,250
Total PC 17 Joint Regional Wastewater Reclamation	6,854	-	-	361	12,085	-	159,227	5,474	-	184,001
Total Small Internal Capital Work Plan	65,425	-	54,398	4,973	12,085	-	244,711	105,858	37,300	524,750

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21
1st Quarter

	CLB	CSC	CSJC	EBSJ	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	328,536	-	-	-	246,402	308,001	184,801	1,067,740
Common	-	-	99,412	-	-	-	73,122	79,907	74,738	327,179
Solids	-	-	249,364	-	-	-	179,721	166,242	235,885	831,212
Total PC 02 J B Latham	-	-	677,312	-	-	-	499,245	554,150	495,424	2,226,131
PC 05 San Juan Creek Ocean Outfall	-	65,182	43,454	-	-	-	60,829	48,906	173,819	392,190
PC 15 Coastal Treatment Plant										
Liquids	700,850	-	-	55,183	-	-	540,814	551,851	-	1,848,698
Common	16,491	-	-	1,299	-	-	12,725	12,985	-	43,500
AWT	-	-	-	-	-	-	-	8,000	-	8,000
Total PC 15 Coastal Treatment Plant	717,341	-	-	56,482	-	-	553,539	572,836	-	1,900,198
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	461,572	-	-	461,572
Common	3,422	-	-	180	5,599	-	42,639	2,734	-	54,574
Solids	12,923	-	-	680	23,506	-	67,745	10,319	-	115,173
AWT	-	-	-	-	-	-	22,250	-	-	22,250
Total PC 17 Joint Regional Wastewater Reclamation	16,345	-	-	860	29,105	-	594,206	13,053	-	653,569
PC 21 Effluent Transmission Main	-	-	-	-	39,103	39,103	30,879	-	-	109,085
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
SOCWA Total Capital Work Plan	733,686	65,182	720,766	57,342	68,208	39,103	1,738,698	1,188,945	669,243	5,281,174

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21
2nd Quarter

	CLB	CSC	CSJC	EBSJ	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	466,859	-	-	-	350,145	437,681	262,608	1,517,293
Common	-	-	93,531	-	-	-	68,796	75,180	70,316	307,823
Solids	-	-	399,945	-	-	-	288,249	266,630	378,326	1,333,150
Total PC 02 J B Latham	-	-	960,335	-	-	-	707,190	779,491	711,250	3,158,266
PC 05 San Juan Creek Ocean Outfall	-	84,011	56,007	-	-	-	78,400	63,033	224,029	505,480
PC 15 Coastal Treatment Plant										
Liquids	951,548	-	-	74,925	-	-	734,265	749,250	-	2,509,988
AWT	-	-	-	-	-	-	-	119,574	-	119,574
Total PC 15 Coastal Treatment Plant	951,548	-	-	74,925	-	-	734,265	868,824	-	2,629,562
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	227,056	-	-	227,056
Common	6,242	-	-	329	10,215	-	77,786	4,989	-	99,561
Solids	37,395	-	-	1,966	68,025	-	196,043	29,863	-	333,292
Total PC 17 Joint Regional Wastewater Reclamation	43,637	-	-	2,295	78,240	-	500,885	34,852	-	659,909
PC 21 Effluent Transmission Main	-	-	-	-	298,487	298,487	92,637	-	-	689,611
Total Large Capital Work Plan	995,185	84,011	1,016,342	77,220	376,727	298,487	2,113,377	1,746,200	935,279	7,642,828
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 02 J B Latham										
Liquids	-	-	71,508	-	-	-	53,631	67,039	40,223	232,401
Common	-	-	46,318	-	-	-	34,069	37,230	34,821	152,438
Total PC 02 J B Latham	-	-	117,826	-	-	-	87,700	104,269	75,044	384,839
PC 05 San Juan Creek Ocean Outfall	-	6,523	4,348	-	-	-	6,087	4,894	17,393	39,245
PC 15 Coastal Treatment Plant										
Liquids	36,963	-	-	2,910	-	-	28,522	29,104	-	97,499
Total PC 15 Coastal Treatment Plant	36,963	-	-	2,910	-	-	28,522	29,104	-	97,499
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	-	-	-	-
Common	3,823	-	-	201	6,256	-	47,639	3,055	-	60,974
Total PC 17 Joint Regional Wastewater Reclamation	3,823	-	-	201	6,256	-	47,639	3,055	-	60,974
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
Total Non-Capital Engineering Work Plan	40,786	6,523	122,174	3,111	6,256	-	169,948	141,322	92,437	582,557

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21
2nd Quarter

	CLB	CSC	CSJC	EBSJ	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Common	-	-	380	-	-	-	279	305	286	1,250
Total PC 02 J B Latham	-	-	380	-	-	-	279	305	286	1,250
PC 15 Coastal Treatment Plant										
Liquids	332	-	-	25	-	-	256	261	-	874
Total PC 15 Coastal Treatment Plant	332	-	-	25	-	-	256	261	-	874
PC 17 Joint Regional Wastewater Reclamation										
Common	63	-	-	3	103	-	781	50	-	1,000
Total PC 17 Joint Regional Wastewater Reclamation	63	-	-	3	103	-	781	50	-	1,000
PC 21 Effluent Transmission Main	-	-	-	-	7,813	7,813	-	-	-	15,626
Total Non Capital Miscellaneous Engineering Work	395	-	380	28	7,916	7,813	1,316	616	286	18,750
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	32,308	-	-	-	24,231	30,288	18,173	105,000
Common	-	-	9,115	-	-	-	6,705	7,327	6,853	30,000
Solids	-	-	12,975	-	-	-	9,351	8,650	12,274	43,250
Total PC 02 J B Latham	-	-	54,398	-	-	-	40,287	46,265	37,300	178,250
PC 15 Coastal Treatment Plant										
Liquids	42,080	-	-	3,313	-	-	32,472	33,134	-	110,999
Common	16,491	-	-	1,299	-	-	12,725	12,985	-	43,500
AWT	-	-	-	-	-	-	-	8,000	-	8,000
Total PC 15 Coastal Treatment Plant	58,571	-	-	4,612	-	-	45,197	54,119	-	162,499
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	86,000	-	-	86,000
Common	2,085	-	-	110	3,411	-	25,978	1,666	-	33,250
Solids	4,769	-	-	251	8,674	-	24,999	3,808	-	42,501
AWT	-	-	-	-	-	-	22,250	-	-	22,250
Total PC 17 Joint Regional Wastewater Reclamation	6,854	-	-	361	12,085	-	159,227	5,474	-	184,001
Total Small Internal Capital Work Plan	65,425	-	54,398	4,973	12,085	-	244,711	105,858	37,300	524,750

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21
2nd Quarter

	CLB	CSC	CSJC	EBSJ	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	570,675	-	-	-	428,007	535,008	321,004	1,854,694
Common	-	-	149,344	-	-	-	109,849	120,042	112,276	491,511
Solids	-	-	412,920	-	-	-	297,600	275,280	390,600	1,376,400
Total PC 02 J B Latham	-	-	1,132,939	-	-	-	835,456	930,330	823,880	3,722,605
PC 05 San Juan Creek Ocean Outfall	-	90,534	60,355	-	-	-	84,487	67,927	241,422	544,725
PC 15 Coastal Treatment Plant										
Liquids	1,030,923	-	-	81,173	-	-	795,515	811,749	-	2,719,360
Common	16,491	-	-	1,299	-	-	12,725	12,985	-	43,500
AWT	-	-	-	-	-	-	-	127,574	-	127,574
Total PC 15 Coastal Treatment Plant	1,047,414	-	-	82,472	-	-	808,240	952,308	-	2,890,434
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	313,056	-	-	313,056
Common	12,213	-	-	643	19,985	-	152,184	9,760	-	194,785
Solids	42,164	-	-	2,217	76,699	-	221,042	33,671	-	375,793
AWT	-	-	-	-	-	-	22,250	-	-	22,250
Total PC 17 Joint Regional Wastewater Reclamation	54,377	-	-	2,860	96,684	-	708,532	43,431	-	905,884
PC 21 Effluent Transmission Main	-	-	-	-	306,300	306,300	92,637	-	-	705,237
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
SOCWA Total Capital Work Plan	1,101,791	90,534	1,193,294	85,332	402,984	306,300	2,529,352	1,993,996	1,065,302	8,768,886

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21
2nd Quarter

	CLB	CSC	CSJC	EBSJ	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	466,859	-	-	-	350,145	437,681	262,608	1,517,293
Common	-	-	93,531	-	-	-	68,796	75,180	70,316	307,823
Solids	-	-	399,945	-	-	-	288,249	266,630	378,326	1,333,150
Total PC 02 J B Latham	-	-	960,335	-	-	-	707,190	779,491	711,250	3,158,266
PC 05 San Juan Creek Ocean Outfall	-	84,011	56,007	-	-	-	78,400	63,033	224,029	505,480
PC 15 Coastal Treatment Plant										
Liquids	951,548	-	-	74,925	-	-	734,265	749,250	-	2,509,988
AWT	-	-	-	-	-	-	-	119,574	-	119,574
Total PC 15 Coastal Treatment Plant	951,548	-	-	74,925	-	-	734,265	868,824	-	2,629,562
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	227,056	-	-	227,056
Common	6,242	-	-	329	10,215	-	77,786	4,989	-	99,561
Solids	37,395	-	-	1,966	68,025	-	196,043	29,863	-	333,292
Total PC 17 Joint Regional Wastewater Reclamation	43,637	-	-	2,295	78,240	-	500,885	34,852	-	659,909
PC 21 Effluent Transmission Main	-	-	-	-	298,487	298,487	92,637	-	-	689,611
Total Large Capital Work Plan	995,185	84,011	1,016,342	77,220	376,727	298,487	2,113,377	1,746,200	935,279	7,642,828
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 02 J B Latham										
Liquids	-	-	71,508	-	-	-	53,631	67,039	40,223	232,401
Common	-	-	46,318	-	-	-	34,069	37,230	34,821	152,438
Total PC 02 J B Latham	-	-	117,826	-	-	-	87,700	104,269	75,044	384,839
PC 05 San Juan Creek Ocean Outfall	-	6,523	4,348	-	-	-	6,087	4,894	17,393	39,245
PC 15 Coastal Treatment Plant										
Liquids	36,963	-	-	2,910	-	-	28,522	29,104	-	97,499
Total PC 15 Coastal Treatment Plant	36,963	-	-	2,910	-	-	28,522	29,104	-	97,499
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	-	-	-	-
Common	3,823	-	-	201	6,256	-	47,639	3,055	-	60,974
Total PC 17 Joint Regional Wastewater Reclamation	3,823	-	-	201	6,256	-	47,639	3,055	-	60,974
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
Total Non-Capital Engineering Work Plan	40,786	6,523	122,174	3,111	6,256	-	169,948	141,322	92,437	582,557

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21
2nd Quarter

	CLB	CSC	CSJC	EBSJ	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Common	-	-	380	-	-	-	279	305	286	1,250
Total PC 02 J B Latham	-	-	380	-	-	-	279	305	286	1,250
PC 15 Coastal Treatment Plant										
Liquids	332	-	-	25	-	-	256	261	-	874
Total PC 15 Coastal Treatment Plant	332	-	-	25	-	-	256	261	-	874
PC 17 Joint Regional Wastewater Reclamation										
Common	63	-	-	3	103	-	781	50	-	1,000
Total PC 17 Joint Regional Wastewater Reclamation	63	-	-	3	103	-	781	50	-	1,000
PC 21 Effluent Transmission Main	-	-	-	-	7,813	7,813	-	-	-	15,626
Total Non Capital Miscellaneous Engineering Work	395	-	380	28	7,916	7,813	1,316	616	286	18,750
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	32,308	-	-	-	24,231	30,288	18,173	105,000
Common	-	-	9,115	-	-	-	6,705	7,327	6,853	30,000
Solids	-	-	12,975	-	-	-	9,351	8,650	12,274	43,250
Total PC 02 J B Latham	-	-	54,398	-	-	-	40,287	46,265	37,300	178,250
PC 15 Coastal Treatment Plant										
Liquids	42,080	-	-	3,313	-	-	32,472	33,134	-	110,999
Common	16,491	-	-	1,299	-	-	12,725	12,985	-	43,500
AWT	-	-	-	-	-	-	-	8,000	-	8,000
Total PC 15 Coastal Treatment Plant	58,571	-	-	4,612	-	-	45,197	54,119	-	162,499
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	86,000	-	-	86,000
Common	2,085	-	-	110	3,411	-	25,978	1,666	-	33,250
Solids	4,769	-	-	251	8,674	-	24,999	3,808	-	42,501
AWT	-	-	-	-	-	-	22,250	-	-	22,250
Total PC 17 Joint Regional Wastewater Reclamation	6,854	-	-	361	12,085	-	159,227	5,474	-	184,001
Total Small Internal Capital Work Plan	65,425	-	54,398	4,973	12,085	-	244,711	105,858	37,300	524,750

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21
2nd Quarter

	CLB	CSC	CSJC	EBSJ	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	570,675	-	-	-	428,007	535,008	321,004	1,854,694
Common	-	-	149,344	-	-	-	109,849	120,042	112,276	491,511
Solids	-	-	412,920	-	-	-	297,600	275,280	390,600	1,376,400
Total PC 02 J B Latham	-	-	1,132,939	-	-	-	835,456	930,330	823,880	3,722,605
PC 05 San Juan Creek Ocean Outfall	-	90,534	60,355	-	-	-	84,487	67,927	241,422	544,725
PC 15 Coastal Treatment Plant										
Liquids	1,030,923	-	-	81,173	-	-	795,515	811,749	-	2,719,360
Common	16,491	-	-	1,299	-	-	12,725	12,985	-	43,500
AWT	-	-	-	-	-	-	-	127,574	-	127,574
Total PC 15 Coastal Treatment Plant	1,047,414	-	-	82,472	-	-	808,240	952,308	-	2,890,434
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	313,056	-	-	313,056
Common	12,213	-	-	643	19,985	-	152,184	9,760	-	194,785
Solids	42,164	-	-	2,217	76,699	-	221,042	33,671	-	375,793
AWT	-	-	-	-	-	-	22,250	-	-	22,250
Total PC 17 Joint Regional Wastewater Reclamation	54,377	-	-	2,860	96,684	-	708,532	43,431	-	905,884
PC 21 Effluent Transmission Main	-	-	-	-	306,300	306,300	92,637	-	-	705,237
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
SOCWA Total Capital Work Plan	1,101,791	90,534	1,193,294	85,332	402,984	306,300	2,529,352	1,993,996	1,065,302	8,768,886

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21
3rd Quarter

	CLB	CSC	CSJC	EBSJ	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	402,621	-	-	-	301,966	377,457	226,474	1,308,518
Common	-	-	92,188	-	-	-	67,809	74,101	69,307	303,405
Solids	-	-	366,518	-	-	-	264,157	244,345	346,706	1,221,726
Total PC 02 J B Latham	-	-	861,327	-	-	-	633,932	695,903	642,487	2,833,649
PC 05 San Juan Creek Ocean Outfall	-	63,008	42,005	-	-	-	58,800	47,275	168,021	379,109
PC 15 Coastal Treatment Plant										
Liquids	1,010,227	-	-	79,545	-	-	779,545	795,454	-	2,664,771
AWT	-	-	-	-	-	-	-	119,574	-	119,574
Total PC 15 Coastal Treatment Plant	1,010,227	-	-	79,545	-	-	779,545	915,028	-	2,784,345
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	439,738	-	-	439,738
Common	4,904	-	-	258	8,024	-	61,104	3,919	-	78,209
Solids	29,242	-	-	1,538	53,193	-	153,297	23,352	-	260,622
Total PC 17 Joint Regional Wastewater Reclamation	34,146	-	-	1,796	61,217	-	654,139	27,271	-	778,569
PC 21 Effluent Transmission Main	-	-	-	-	371,487	371,487	92,637	-	-	835,611
Total Large Capital Work Plan	1,044,373	63,008	903,332	81,341	432,704	371,487	2,219,053	1,685,477	810,508	7,611,283
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 02 J B Latham										
Liquids	-	-	7,801	-	-	-	5,850	7,313	4,388	25,352
Common	-	-	-	-	-	-	-	-	-	-
Total PC 02 J B Latham	-	-	7,801	-	-	-	5,850	7,313	4,388	25,352
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	22,746	-	-	1,791	-	-	17,552	17,910	-	59,999
Total PC 15 Coastal Treatment Plant	22,746	-	-	1,791	-	-	17,552	17,910	-	59,999
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	26,173	-	-	26,173
Common	-	-	-	-	-	-	-	-	-	-
Total PC 17 Joint Regional Wastewater Reclamation	-	-	-	-	-	-	26,173	-	-	26,173
PC 24 Aliso Creek Ocean Outfall	2,789	-	-	198	4,132	3,995	11,117	3,121	-	25,352
Total Non-Capital Engineering Work Plan	25,535	-	7,801	1,989	4,132	3,995	60,692	28,344	4,388	136,876

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21
3rd Quarter

	CLB	CSC	CSJC	EBSJ	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Common	-	-	380	-	-	-	279	305	286	1,250
Total PC 02 J B Latham	-	-	380	-	-	-	279	305	286	1,250
PC 15 Coastal Treatment Plant										
Liquids	332	-	-	25	-	-	256	261	-	874
Total PC 15 Coastal Treatment Plant	332	-	-	25	-	-	256	261	-	874
PC 17 Joint Regional Wastewater Reclamation										
Common	63	-	-	3	103	-	781	50	-	1,000
Total PC 17 Joint Regional Wastewater Reclamation	63	-	-	3	103	-	781	50	-	1,000
PC 21 Effluent Transmission Main	-	-	-	-	7,813	7,813	-	-	-	15,626
Total Non Capital Miscellaneous Engineering Work	395	-	380	28	7,916	7,813	1,316	616	286	18,750
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	32,308	-	-	-	24,231	30,288	18,173	105,000
Common	-	-	9,115	-	-	-	6,705	7,327	6,853	30,000
Solids	-	-	12,975	-	-	-	9,351	8,650	12,274	43,250
Total PC 02 J B Latham	-	-	54,398	-	-	-	40,287	46,265	37,300	178,250
PC 15 Coastal Treatment Plant										
Liquids	42,080	-	-	3,313	-	-	32,472	33,134	-	110,999
Common	16,491	-	-	1,299	-	-	12,725	12,985	-	43,500
AWT	-	-	-	-	-	-	-	8,000	-	8,000
Total PC 15 Coastal Treatment Plant	58,571	-	-	4,612	-	-	45,197	54,119	-	162,499
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	86,000	-	-	86,000
Common	2,085	-	-	110	3,411	-	25,978	1,666	-	33,250
Solids	4,769	-	-	251	8,674	-	24,999	3,808	-	42,501
AWT	-	-	-	-	-	-	22,250	-	-	22,250
Total PC 17 Joint Regional Wastewater Reclamation	6,854	-	-	361	12,085	-	159,227	5,474	-	184,001
Total Small Internal Capital Work Plan	65,425	-	54,398	4,973	12,085	-	244,711	105,858	37,300	524,750

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21
3rd Quarter

	CLB	CSC	CSJC	EBSJ	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	442,730	-	-	-	332,047	415,058	249,035	1,438,870
Common	-	-	101,683	-	-	-	74,793	81,733	76,446	334,655
Solids	-	-	379,493	-	-	-	273,508	252,995	358,980	1,264,976
Total PC 02 J B Latham	-	-	923,906	-	-	-	680,348	749,786	684,461	3,038,501
PC 05 San Juan Creek Ocean Outfall	-	63,008	42,005	-	-	-	58,800	47,275	168,021	379,109
PC 15 Coastal Treatment Plant										
Liquids	1,075,385	-	-	84,674	-	-	829,825	846,759	-	2,836,643
Common	16,491	-	-	1,299	-	-	12,725	12,985	-	43,500
AWT	-	-	-	-	-	-	-	127,574	-	127,574
Total PC 15 Coastal Treatment Plant	1,091,876	-	-	85,973	-	-	842,550	987,318	-	3,007,717
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	551,911	-	-	551,911
Common	7,052	-	-	371	11,538	-	87,863	5,635	-	112,459
Solids	34,011	-	-	1,789	61,867	-	178,296	27,160	-	303,123
AWT	-	-	-	-	-	-	22,250	-	-	22,250
Total PC 17 Joint Regional Wastewater Reclamation	41,063	-	-	2,160	73,405	-	840,320	32,795	-	989,743
PC 21 Effluent Transmission Main	-	-	-	-	379,300	379,300	92,637	-	-	851,237
PC 24 Aliso Creek Ocean Outfall	2,789	-	-	198	4,132	3,995	11,117	3,121	-	25,352
SOCWA Total Capital Work Plan	1,135,728	63,008	965,911	88,331	456,837	383,295	2,525,772	1,820,295	852,482	8,291,660

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21
4th Quarter

	CLB	CSC	CSJC	EBSJ	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	421,815	-	-	-	316,361	395,452	237,271	1,370,899
Common	-	-	97,614	-	-	-	71,800	78,462	73,386	321,262
Solids	-	-	441,176	-	-	-	317,965	294,118	417,329	1,470,588
Total PC 02 J B Latham	-	-	960,605	-	-	-	706,126	768,032	727,986	3,162,749
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	1,070,174	-	-	84,266	-	-	825,803	842,656	-	2,822,899
AWT	-	-	-	-	-	-	-	-	-	-
Total PC 15 Coastal Treatment Plant	1,070,174	-	-	84,266	-	-	825,803	842,656	-	2,822,899
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	453,560	-	-	453,560
Common	18,123	-	-	954	29,656	-	225,826	14,484	-	289,043
Solids	4,903	-	-	258	8,918	-	25,702	3,915	-	43,696
Total PC 17 Joint Regional Wastewater Reclamation	23,026	-	-	1,212	38,574	-	705,088	18,399	-	786,299
PC 21 Effluent Transmission Main	-	-	-	-	305,677	305,677	92,637	-	-	703,991
Total Large Capital Work Plan	1,093,200	-	960,605	85,478	344,251	305,677	2,329,654	1,629,087	727,986	7,475,938
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 02 J B Latham										
Liquids	-	-	7,801	-	-	-	5,850	7,313	4,388	25,352
Common	-	-	-	-	-	-	-	-	-	-
Total PC 02 J B Latham	-	-	7,801	-	-	-	5,850	7,313	4,388	25,352
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	22,746	-	-	1,791	-	-	17,552	17,910	-	59,999
Total PC 15 Coastal Treatment Plant	22,746	-	-	1,791	-	-	17,552	17,910	-	59,999
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	26,173	-	-	26,173
Common	-	-	-	-	-	-	-	-	-	-
Total PC 17 Joint Regional Wastewater Reclamation	-	-	-	-	-	-	26,173	-	-	26,173
PC 24 Aliso Creek Ocean Outfall	2,789	-	-	198	4,132	3,995	11,117	3,121	-	25,352
Total Non-Capital Engineering Work Plan	25,535	-	7,801	1,989	4,132	3,995	60,692	28,344	4,388	136,876

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21
4th Quarter

	CLB	CSC	CSJC	EBSJ	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Common	-	-	380	-	-	-	279	305	286	1,250
Total PC 02 J B Latham	-	-	380	-	-	-	279	305	286	1,250
PC 15 Coastal Treatment Plant										
Liquids	332	-	-	25	-	-	256	261	-	874
Total PC 15 Coastal Treatment Plant	332	-	-	25	-	-	256	261	-	874
PC 17 Joint Regional Wastewater Reclamation										
Common	63	-	-	3	103	-	781	50	-	1,000
Total PC 17 Joint Regional Wastewater Reclamation	63	-	-	3	103	-	781	50	-	1,000
PC 21 Effluent Transmission Main	-	-	-	-	7,813	7,813	-	-	-	15,626
Total Non Capital Miscellaneous Engineering Work	395	-	380	28	7,916	7,813	1,316	616	286	18,750
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	32,308	-	-	-	24,231	30,288	18,173	105,000
Common	-	-	9,115	-	-	-	6,705	7,327	6,853	30,000
Solids	-	-	12,975	-	-	-	9,351	8,650	12,274	43,250
Total PC 02 J B Latham	-	-	54,398	-	-	-	40,287	46,265	37,300	178,250
PC 15 Coastal Treatment Plant										
Liquids	42,080	-	-	3,313	-	-	32,472	33,134	-	110,999
Common	16,491	-	-	1,299	-	-	12,725	12,985	-	43,500
AWT	-	-	-	-	-	-	-	8,000	-	8,000
Total PC 15 Coastal Treatment Plant	58,571	-	-	4,612	-	-	45,197	54,119	-	162,499
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	86,000	-	-	86,000
Common	2,085	-	-	110	3,411	-	25,978	1,666	-	33,250
Solids	4,769	-	-	251	8,674	-	24,999	3,808	-	42,501
AWT	-	-	-	-	-	-	22,250	-	-	22,250
Total PC 17 Joint Regional Wastewater Reclamation	6,854	-	-	361	12,085	-	159,227	5,474	-	184,001
Total Small Internal Capital Work Plan	65,425	-	54,398	4,973	12,085	-	244,711	105,858	37,300	524,750

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2020-21
4th Quarter

	CLB	CSC	CSJC	EBSJ	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	461,924	-	-	-	346,442	433,053	259,832	1,501,251
Common	-	-	107,109	-	-	-	78,784	86,094	80,525	352,512
Solids	-	-	454,151	-	-	-	327,316	302,768	429,603	1,513,838
Total PC 02 J B Latham	-	-	1,023,184	-	-	-	752,542	821,915	769,960	3,367,601
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	1,135,332	-	-	89,395	-	-	876,083	893,961	-	2,994,771
Common	16,491	-	-	1,299	-	-	12,725	12,985	-	43,500
AWT	-	-	-	-	-	-	-	8,000	-	8,000
Total PC 15 Coastal Treatment Plant	1,151,823	-	-	90,694	-	-	888,808	914,946	-	3,046,271
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	565,733	-	-	565,733
Common	20,271	-	-	1,067	33,170	-	252,585	16,200	-	323,293
Solids	9,672	-	-	509	17,592	-	50,701	7,723	-	86,197
AWT	-	-	-	-	-	-	22,250	-	-	22,250
Total PC 17 Joint Regional Wastewater Reclamation	29,943	-	-	1,576	50,762	-	891,269	23,923	-	997,473
PC 21 Effluent Transmission Main	-	-	-	-	313,490	313,490	92,637	-	-	719,617
PC 24 Aliso Creek Ocean Outfall	2,789	-	-	198	4,132	3,995	11,117	3,121	-	25,352
SOCWA Total Capital Work Plan	1,184,555	-	1,023,184	92,468	368,384	317,485	2,636,373	1,763,905	769,960	8,156,314

**South Orange County Wastewater Authority
Large Capital Projects Scheduled for FY 2021-22**

		1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 02 J B Latham						
Liquids						
	32221L-000 - Building Lighting Improvements	295,091	295,091	295,091	295,091	1,180,364
	32222L-000 - Aeration Header Noise Cover	322,751	322,751	322,751	322,751	1,291,004
	32223L-000 - 4-side RAS Pump Overhaul	41,980	41,980	41,980	41,980	167,920
	32224L-000 - 4-side WAS Pump Overhaul	13,946	13,946	13,946	13,946	55,784
	Total Liquids	673,768	673,768	673,768	673,768	2,695,072
Common						
	32221C-000 - 2 ISCO Samplers (between 3 PC's)	26,498	26,498	26,498	26,498	105,992
	32222C-000 - Laboratory Equipment and Probe Replacements (between 3 PC's)	57,993	57,993	57,993	57,993	231,972
	Total Common	84,491	84,491	84,491	84,491	337,964
Solids						
	32221S-000 - 9-side WAS Pump Overhaul	344,255	344,255	344,255	344,255	1,377,020
	32222S-000 - 9-side Gas Line Replacement	125,940	125,940	125,940	125,940	503,760
	32223S-000 - Replacement Liquids Side Bleach Tank	262,654	262,654	262,654	262,654	1,050,616
	Total Solids	732,849	732,849	732,849	732,849	2,931,396
	Total PC 02 J B Latham	1,491,108	1,491,108	1,491,108	1,491,108	5,964,432

**South Orange County Wastewater Authority
Large Capital Projects Scheduled for FY 2021-22**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 15 Coastal Treatment Plant					
Liquids					
35221L-000 - Decant Pump Station Wet Well Lining	41,334	41,334	41,334	41,334	165,336
35222L-000 - Replacement 4-Side Grit Tank Stairs	75,347	75,347	75,347	75,347	301,388
35223L-000 - Replacement Gate Operator JBL	396,657	396,657	396,657	396,657	1,586,628
35224L-000 - 4-Side Headworks Roll up Door Replacement	118,589	118,589	118,589	118,589	474,356
35225L-000 - Replacement Grit Auger JBL	74,170	74,170	74,171	74,171	296,684
35226L-000 - 4-Side RSP Overhaul	470,411	470,411	470,411	470,411	1,881,644
35227L-000 - 9-side Replacement Blower Room Basement Fans	5,800	5,800	5,801	5,801	23,202
Total Liquids	1,182,308	1,182,308	1,182,310	1,182,310	4,729,236
Total PC 15 Coastal Treatment Plant	1,182,308	1,182,308	1,182,310	1,182,310	4,729,236
PC 17 Joint Regional Wastewater Reclamation					
Liquids					
37221L-000 - JBL PLC Hardware Upgrades and Replacements 20-21	945,026	945,026	945,026	945,026	3,780,104
37222L-000 - JBL HP SCADA Server Switch	245,443	245,443	245,443	245,443	981,772
37223L-000 - JBL OIT Replacements 20-21	73,929	73,929	73,929	73,929	295,716
37224L-000 - Seismic bracing installation for server equipment	165,907	165,907	165,907	165,907	663,628
37225L-000 - PA System	542,983	542,983	542,983	542,983	2,171,932
37226L-000 - Solids Buildings Door Replacement	87,018	87,018	87,018	87,018	348,072
37227L-000 - Foul Air Connection to Centrate Line	221,443	221,443	221,443	221,443	885,772
37228L-000 - Centrifuge Rebuild JBL	82,077	82,077	82,077	82,077	328,308
Total Liquids	2,363,826	2,363,826	2,363,826	2,363,826	9,455,304

**South Orange County Wastewater Authority
Large Capital Projects Scheduled for FY 2021-22**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
Common					
37221C-000 - Fixed Gas Detectors - JBL Liquids	22,976	22,976	22,976	22,976	91,904
37222C-000 - Safety Equipment JBL	96,783	96,783	96,783	96,783	387,132
37223C-000 - Replacement Gate Operator	17,902	17,902	17,902	17,902	71,608
37224C-000 - Stanley Access Upgrades 2021	243,885	243,885	243,885	243,885	975,540
37225C-000 - Ultrasonic Testing Equipment (between 3 PC's)	67,533	67,533	67,533	67,533	270,132
37226C-000 - Vibration Analysis Testing Equipment (between 3 PC's)	139,665	139,665	139,665	139,665	558,660
Total Common	588,744	588,744	588,744	588,744	2,354,976
Solids					
37221S-000 - Replacement Solids Side Bleach Tank	98,317	98,317	98,317	98,317	393,268
37222S-000 - Fixed Gas Detectors - JBL Solids	51,306	51,306	51,306	51,306	205,224
37223S-000 - Replacement Nitrate Probe	71,271	71,271	71,271	71,271	285,084
Total Solids	220,894	220,894	220,894	220,894	883,576
Total PC 17 Joint Regional Wastewater Reclamation	3,173,464	3,173,464	3,173,464	3,173,464	12,693,856
PC 21 Effluent Transmission Main					
31211B-000 - Aliso ETM Reach B/C Techite Replacement	91,250	91,250	91,250	91,250	365,000
Total PC 21 Effluent Transmission Main	91,250	91,250	91,250	91,250	365,000
FY 21-22 Total Work Plan	5,938,130	5,938,130	5,938,132	5,938,132	23,752,524

**South Orange County Wastewater Authority
Non Capital Projects Scheduled for FY 2021-22**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 15 Coastal Treatment Plant					
Liquids					
45221L-000 - Foul Air System and Headworks Condition Assessment	44,102	44,102	44,102	44,102	176,408
45222L-000 - Spatial Utilization Analysis	19,733	19,733	19,733	19,734	78,933
45223L-000 - Plant Reconfiguration Feasibility Study	65,000	65,000	65,000	65,000	260,000
Total Liquids	128,835	128,835	128,835	128,836	515,341
Total PC 15 Coastal Treatment Plant	128,835	128,835	128,835	128,836	515,341
PC 17 Joint Regional Wastewater Reclamation					
Liquids					
47221L-000 - Secondary Effluent Conveyance and Grit Handling Evaluations, Mix	99,980	99,980	99,980	99,980	399,920
Total Liquids	99,980	99,980	99,980	99,980	399,920
Common					
47222C-000 - Energy Building Condition Assessment, and Energy Building Seisn	36,835	36,835	36,835	36,835	147,339
Total Common	36,835	36,835	36,835	36,835	147,339
Total PC 17 Joint Regional Wastewater Reclamation	136,815	136,815	136,815	136,815	547,259
FY 21-22 Total Work Plan	265,650	265,650	265,650	265,651	1,062,600

South Orange County Wastewater Authority
Non Capital Miscellaneous Engineering Expenses Scheduled for FY 2021-22

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 02 J B Latham Common					
5212-000 - PC 2 Miscellaneous Engineering Common (2022)	1,250	1,250	1,250	1,250	5,000
Total Common	1,250	1,250	1,250	1,250	5,000
Total PC 02 J B Latham	1,250	1,250	1,250	1,250	5,000
PC 15 Coastal Treatment Plant Liquids					
5505-000 - PC 15 Miscellaneous Engineering Liquids (2022)	875	875	875	875	3,500
Total Liquids	875	875	875	875	3,500
Total PC 15 Coastal Treatment Plant	875	875	875	875	3,500
PC 17 Joint Regional Wastewater Reclamation Common					
5708-000 - PC 17 Miscellaneous Engineering Common (2022)	1,000	1,000	1,000	1,000	4,000
Total Common	1,000	1,000	1,000	1,000	4,000
Total PC 17 Joint Regional Wastewater Reclamation	1,000	1,000	1,000	1,000	4,000
PC 21 Effluent Transmission Main					
5115-000 - PC 21 Miscellaneous Engineering B/C/D (2022)	15,625	15,625	15,625	15,625	62,500
Total PC 21 Effluent Transmission Main	15,625	15,625	15,625	15,625	62,500
FY 21-22 Total Work Plan	18,750	18,750	18,750	18,750	75,000

**South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2021-22**

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	829,252	-	-	-	621,940	777,424	466,456	2,695,072
Common	-	-	102,688	-	-	-	75,532	82,540	77,200	337,960
Solids	-	-	879,420	-	-	-	633,816	586,280	831,884	2,931,400
Total PC 02 J B Latham	-	-	1,811,360	-	-	-	1,331,288	1,446,244	1,375,540	5,964,432
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	1,792,876	-	-	141,172	-	-	1,383,480	1,411,716	-	4,729,244
AWT	-	-	-	-	-	-	-	-	-	-
Total PC 15 Coastal Treatment Plant	1,792,876	-	-	141,172	-	-	1,383,480	1,411,716	-	4,729,244
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	9,455,300	-	-	9,455,300
Common	147,656	-	-	7,772	241,620	-	1,839,924	118,004	-	2,354,976
Solids	99,136	-	-	5,212	180,336	-	519,720	79,168	-	883,572
Total PC 17 Joint Regional Wastewater Reclamation	246,792	-	-	12,984	421,956	-	11,814,944	197,172	-	12,693,848
PC 21 Effluent Transmission Main	-	-	-	-	182,500	182,500	-	-	-	365,000
Total Large Capital Work Plan	2,039,668	-	1,811,360	154,156	604,456	182,500	14,529,712	3,055,132	1,375,540	23,752,524
Non-Capital Engineering Projects (Non-Operating O&M Expense)										
PC 02 J B Latham										
Liquids	-	-	-	-	-	-	-	-	-	-
Common	-	-	-	-	-	-	-	-	-	-
Total PC 02 J B Latham	-	-	-	-	-	-	-	-	-	-
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	195,364	-	-	15,384	-	-	150,756	153,832	-	515,336
Total PC 15 Coastal Treatment Plant	195,364	-	-	15,384	-	-	150,756	153,832	-	515,336
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	399,920	-	-	399,920
Common	9,240	-	-	488	15,116	-	115,116	7,384	-	147,344
Total PC 17 Joint Regional Wastewater Reclamation	9,240	-	-	488	15,116	-	515,036	7,384	-	547,264
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
Total Non-Capital Engineering Work Plan	204,604	-	-	15,872	15,116	-	665,792	161,216	-	1,062,600

**South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2021-22**

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Common	-	-	1,520	-	-	-	1,116	1,220	1,144	5,000
Total PC 02 J B Latham	-	-	1,520	-	-	-	1,116	1,220	1,144	5,000
PC 15 Coastal Treatment Plant										
Liquids	1,328	-	-	100	-	-	1,024	1,044	-	3,496
Total PC 15 Coastal Treatment Plant	1,328	-	-	100	-	-	1,024	1,044	-	3,496
PC 17 Joint Regional Wastewater Reclamation										
Common	252	-	-	12	412	-	3,124	200	-	4,000
Total PC 17 Joint Regional Wastewater Reclamation	252	-	-	12	412	-	3,124	200	-	4,000
PC 21 Effluent Transmission Main	-	-	-	-	31,252	31,252	-	-	-	62,504
Total Non Capital Miscellaneous Engineering Work Plan	1,580	-	1,520	112	31,664	31,252	5,264	2,464	1,144	75,000
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	82,580	-	-	-	61,936	77,420	46,452	268,388
Common	-	-	71,356	-	-	-	52,484	57,356	53,644	234,840
Solids	-	-	67,896	-	-	-	48,932	45,264	64,224	226,316
Total PC 02 J B Latham	-	-	221,832	-	-	-	163,352	180,040	164,320	729,544
PC 15 Coastal Treatment Plant										
Liquids	222,612	-	-	17,528	-	-	171,780	175,288	-	587,208
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	67,080	-	67,080
Total PC 15 Coastal Treatment Plant	222,612	-	-	17,528	-	-	171,780	242,368	-	654,288
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	336,548	-	-	336,548
Common	11,020	-	-	580	18,028	-	137,296	8,804	-	175,728
Solids	26,288	-	-	1,384	47,820	-	137,820	20,992	-	234,304
AWT	-	-	-	-	-	-	37,276	-	-	37,276
Total PC 17 Joint Regional Wastewater Reclamation	37,308	-	-	1,964	65,848	-	648,940	29,796	-	783,856
Total Small Internal Capital Work Plan	259,920	-	221,832	19,492	65,848	-	984,072	452,204	164,320	2,167,689

**South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2021-22**

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	911,832	-	-	-	683,876	854,844	512,908	2,963,460
Common	-	-	175,564	-	-	-	129,132	141,116	131,988	577,800
Solids	-	-	947,316	-	-	-	682,748	631,544	896,108	3,157,716
Total PC 02 J B Latham	-	-	2,034,712	-	-	-	1,495,756	1,627,504	1,541,004	6,698,976
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	2,212,180	-	-	174,184	-	-	1,707,040	1,741,880	-	5,835,284
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	67,080	-	67,080
Total PC 15 Coastal Treatment Plant	2,212,180	-	-	174,184	-	-	1,707,040	1,808,960	-	5,902,364
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	10,191,768	-	-	10,191,768
Common	168,168	-	-	8,852	275,176	-	2,095,460	134,392	-	2,682,048
Solids	125,424	-	-	6,596	228,156	-	657,540	100,160	-	1,117,876
AWT	-	-	-	-	-	-	37,276	-	-	37,276
Total PC 17 Joint Regional Wastewater Reclamation	293,592	-	-	15,448	503,332	-	12,982,044	234,552	-	14,028,968
PC 21 Effluent Transmission Main	-	-	-	-	213,752	213,752	-	-	-	427,504
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
SOCWA Total Capital Work Plan	2,505,772	-	2,034,712	189,632	717,084	213,752	16,184,840	3,671,016	1,541,004	27,057,813

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2021-22
1st Quarter

	CLB	CSC	CSJC	EBSA	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	207,313	-	-	-	155,485	194,356	116,614	673,768
Common	-	-	25,672	-	-	-	18,883	20,635	19,300	84,490
Solids	-	-	219,855	-	-	-	158,454	146,570	207,971	732,850
Total PC 02 J B Latham	-	-	452,840	-	-	-	332,822	361,561	343,885	1,491,108
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	448,219	-	-	35,293	-	-	345,870	352,929	-	1,182,311
AWT	-	-	-	-	-	-	-	-	-	-
Total PC 15 Coastal Treatment Plant	448,219	-	-	35,293	-	-	345,870	352,929	-	1,182,311
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	2,363,825	-	-	2,363,825
Common	36,914	-	-	1,943	60,405	-	459,981	29,501	-	588,744
Solids	24,784	-	-	1,303	45,084	-	129,930	19,792	-	220,893
Total PC 17 Joint Regional Wastewater Reclamation	61,698	-	-	3,246	105,489	-	2,953,736	49,293	-	3,173,462
PC 21 Effluent Transmission Main	-	-	-	-	45,625	45,625	-	-	-	91,250
Total Large Capital Work Plan	509,917	-	452,840	38,539	151,114	45,625	3,632,428	763,783	343,885	5,938,131
Non-Capital Engineering Projects (Non-Operating O&M Expense)										
PC 02 J B Latham										
Liquids	-	-	-	-	-	-	-	-	-	-
Common	-	-	-	-	-	-	-	-	-	-
Total PC 02 J B Latham	-	-	-	-	-	-	-	-	-	-
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	48,841	-	-	3,846	-	-	37,689	38,458	-	128,834
Total PC 15 Coastal Treatment Plant	48,841	-	-	3,846	-	-	37,689	38,458	-	128,834
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	99,980	-	-	99,980
Common	2,310	-	-	122	3,779	-	28,779	1,846	-	36,836
Total PC 17 Joint Regional Wastewater Reclamation	2,310	-	-	122	3,779	-	128,759	1,846	-	136,816
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
Total Non-Capital Engineering Work Plan	51,151	-	-	3,968	3,779	-	166,448	40,304	-	265,650

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2021-22
1st Quarter

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Common	-	-	380	-	-	-	279	305	286	1,250
Total PC 02 J B Latham	-	-	380	-	-	-	279	305	286	1,250
PC 15 Coastal Treatment Plant										
Liquids	332	-	-	25	-	-	256	261	-	874
Total PC 15 Coastal Treatment Plant	332	-	-	25	-	-	256	261	-	874
PC 17 Joint Regional Wastewater Reclamation										
Common	63	-	-	3	103	-	781	50	-	1,000
Total PC 17 Joint Regional Wastewater Reclamation	63	-	-	3	103	-	781	50	-	1,000
PC 21 Effluent Transmission Main										
	-	-	-	-	7,813	7,813	-	-	-	15,626
Total Non Capital Miscellaneous Engineering Work Plan	395	-	380	28	7,916	7,813	1,316	616	286	18,750
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	20,645	-	-	-	15,484	19,355	11,613	67,097
Common	-	-	17,839	-	-	-	13,121	14,339	13,411	58,710
Solids	-	-	16,974	-	-	-	12,233	11,316	16,056	56,579
Total PC 02 J B Latham	-	-	55,458	-	-	-	40,838	45,010	41,080	182,386
PC 15 Coastal Treatment Plant										
Liquids	55,653	-	-	4,382	-	-	42,945	43,822	-	146,802
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	16,770	-	16,770
Total PC 15 Coastal Treatment Plant	55,653	-	-	4,382	-	-	42,945	60,592	-	163,572
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	84,137	-	-	84,137
Common	2,755	-	-	145	4,507	-	34,324	2,201	-	43,932
Solids	6,572	-	-	346	11,955	-	34,455	5,248	-	58,576
AWT	-	-	-	-	-	-	9,319	-	-	9,319
Total PC 17 Joint Regional Wastewater Reclamation	9,327	-	-	491	16,462	-	162,235	7,449	-	195,964
Total Small Internal Capital Work Plan	64,980	-	55,458	4,873	16,462	-	246,018	113,051	41,080	541,922

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2021-22
1st Quarter

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	227,958	-	-	-	170,969	213,711	128,227	740,865
Common	-	-	43,891	-	-	-	32,283	35,279	32,997	144,450
Solids	-	-	236,829	-	-	-	170,687	157,886	224,027	789,429
Total PC 02 J B Latham	-	-	508,678	-	-	-	373,939	406,876	385,251	1,674,744
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	553,045	-	-	43,546	-	-	426,760	435,470	-	1,458,821
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	16,770	-	16,770
Total PC 15 Coastal Treatment Plant	553,045	-	-	43,546	-	-	426,760	452,240	-	1,475,591
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	2,547,942	-	-	2,547,942
Common	42,042	-	-	2,213	68,794	-	523,865	33,598	-	670,512
Solids	31,356	-	-	1,649	57,039	-	164,385	25,040	-	279,469
AWT	-	-	-	-	-	-	9,319	-	-	9,319
Total PC 17 Joint Regional Wastewater Reclamation	73,398	-	-	3,862	125,833	-	3,245,511	58,638	-	3,507,242
PC 21 Effluent Transmission Main	-	-	-	-	53,438	53,438	-	-	-	106,876
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
SOCWA Total Capital Work Plan	626,443	-	508,678	47,408	179,271	53,438	4,046,210	917,754	385,251	6,764,453

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2021-22
2nd Quarter

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	207,313	-	-	-	155,485	194,356	116,614	673,768
Common	-	-	25,672	-	-	-	18,883	20,635	19,300	84,490
Solids	-	-	219,855	-	-	-	158,454	146,570	207,971	732,850
Total PC 02 J B Latham	-	-	452,840	-	-	-	332,822	361,561	343,885	1,491,108
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	448,219	-	-	35,293	-	-	345,870	352,929	-	1,182,311
AWT	-	-	-	-	-	-	-	-	-	-
Total PC 15 Coastal Treatment Plant	448,219	-	-	35,293	-	-	345,870	352,929	-	1,182,311
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	2,363,825	-	-	2,363,825
Common	36,914	-	-	1,943	60,405	-	459,981	29,501	-	588,744
Solids	24,784	-	-	1,303	45,084	-	129,930	19,792	-	220,893
Total PC 17 Joint Regional Wastewater Reclamation	61,698	-	-	3,246	105,489	-	2,953,736	49,293	-	3,173,462
PC 21 Effluent Transmission Main	-	-	-	-	45,625	45,625	-	-	-	91,250
Total Large Capital Work Plan	509,917	-	452,840	38,539	151,114	45,625	3,632,428	763,783	343,885	5,938,131
Non-Capital Engineering Projects (Non-Operating O&M Expense)										
PC 02 J B Latham										
Liquids	-	-	-	-	-	-	-	-	-	-
Common	-	-	-	-	-	-	-	-	-	-
Total PC 02 J B Latham	-	-	-	-	-	-	-	-	-	-
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	48,841	-	-	3,846	-	-	37,689	38,458	-	128,834
Total PC 15 Coastal Treatment Plant	48,841	-	-	3,846	-	-	37,689	38,458	-	128,834
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	99,980	-	-	99,980
Common	2,310	-	-	122	3,779	-	28,779	1,846	-	36,836
Total PC 17 Joint Regional Wastewater Reclamation	2,310	-	-	122	3,779	-	128,759	1,846	-	136,816
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
Total Non-Capital Engineering Work Plan	51,151	-	-	3,968	3,779	-	166,448	40,304	-	265,650

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2021-22
2nd Quarter

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Common	-	-	380	-	-	-	279	305	286	1,250
Total PC 02 J B Latham	-	-	380	-	-	-	279	305	286	1,250
PC 15 Coastal Treatment Plant										
Liquids	332	-	-	25	-	-	256	261	-	874
Total PC 15 Coastal Treatment Plant	332	-	-	25	-	-	256	261	-	874
PC 17 Joint Regional Wastewater Reclamation										
Common	63	-	-	3	103	-	781	50	-	1,000
Total PC 17 Joint Regional Wastewater Reclamation	63	-	-	3	103	-	781	50	-	1,000
PC 21 Effluent Transmission Main										
	-	-	-	-	7,813	7,813	-	-	-	15,626
Total Non Capital Miscellaneous Engineering Work Plan	395	-	380	28	7,916	7,813	1,316	616	286	18,750
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	20,645	-	-	-	15,484	19,355	11,613	67,097
Common	-	-	17,839	-	-	-	13,121	14,339	13,411	58,710
Solids	-	-	16,974	-	-	-	12,233	11,316	16,056	56,579
Total PC 02 J B Latham	-	-	55,458	-	-	-	40,838	45,010	41,080	182,386
PC 15 Coastal Treatment Plant										
Liquids	55,653	-	-	4,382	-	-	42,945	43,822	-	146,802
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	16,770	-	16,770
Total PC 15 Coastal Treatment Plant	55,653	-	-	4,382	-	-	42,945	60,592	-	163,572
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	84,137	-	-	84,137
Common	2,755	-	-	145	4,507	-	34,324	2,201	-	43,932
Solids	6,572	-	-	346	11,955	-	34,455	5,248	-	58,576
AWT	-	-	-	-	-	-	9,319	-	-	9,319
Total PC 17 Joint Regional Wastewater Reclamation	9,327	-	-	491	16,462	-	162,235	7,449	-	195,964
Total Small Internal Capital Work Plan	64,980	-	55,458	4,873	16,462	-	246,018	113,051	41,080	541,922

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2021-22
 2nd Quarter

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	227,958	-	-	-	170,969	213,711	128,227	740,865
Common	-	-	43,891	-	-	-	32,283	35,279	32,997	144,450
Solids	-	-	236,829	-	-	-	170,687	157,886	224,027	789,429
Total PC 02 J B Latham	-	-	508,678	-	-	-	373,939	406,876	385,251	1,674,744
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	553,045	-	-	43,546	-	-	426,760	435,470	-	1,458,821
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	16,770	-	16,770
Total PC 15 Coastal Treatment Plant	553,045	-	-	43,546	-	-	426,760	452,240	-	1,475,591
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	2,547,942	-	-	2,547,942
Common	42,042	-	-	2,213	68,794	-	523,865	33,598	-	670,512
Solids	31,356	-	-	1,649	57,039	-	164,385	25,040	-	279,469
AWT	-	-	-	-	-	-	9,319	-	-	9,319
Total PC 17 Joint Regional Wastewater Reclamation	73,398	-	-	3,862	125,833	-	3,245,511	58,638	-	3,507,242
PC 21 Effluent Transmission Main	-	-	-	-	53,438	53,438	-	-	-	106,876
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
SOCWA Total Capital Work Plan	626,443	-	508,678	47,408	179,271	53,438	4,046,210	917,754	385,251	6,764,453

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2021-22
3rd Quarter

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	207,313	-	-	-	155,485	194,356	116,614	673,768
Common	-	-	25,672	-	-	-	18,883	20,635	19,300	84,490
Solids	-	-	219,855	-	-	-	158,454	146,570	207,971	732,850
Total PC 02 J B Latham	-	-	452,840	-	-	-	332,822	361,561	343,885	1,491,108
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	448,219	-	-	35,293	-	-	345,870	352,929	-	1,182,311
AWT	-	-	-	-	-	-	-	-	-	-
Total PC 15 Coastal Treatment Plant	448,219	-	-	35,293	-	-	345,870	352,929	-	1,182,311
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	2,363,825	-	-	2,363,825
Common	36,914	-	-	1,943	60,405	-	459,981	29,501	-	588,744
Solids	24,784	-	-	1,303	45,084	-	129,930	19,792	-	220,893
Total PC 17 Joint Regional Wastewater Reclamation	61,698	-	-	3,246	105,489	-	2,953,736	49,293	-	3,173,462
PC 21 Effluent Transmission Main	-	-	-	-	45,625	45,625	-	-	-	91,250
Total Large Capital Work Plan	509,917	-	452,840	38,539	151,114	45,625	3,632,428	763,783	343,885	5,938,131
Non-Capital Engineering Projects (Non-Operating O&M Expense)										
PC 02 J B Latham										
Liquids	-	-	-	-	-	-	-	-	-	-
Common	-	-	-	-	-	-	-	-	-	-
Total PC 02 J B Latham	-	-	-	-	-	-	-	-	-	-
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	48,841	-	-	3,846	-	-	37,689	38,458	-	128,834
Total PC 15 Coastal Treatment Plant	48,841	-	-	3,846	-	-	37,689	38,458	-	128,834
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	99,980	-	-	99,980
Common	2,310	-	-	122	3,779	-	28,779	1,846	-	36,836
Total PC 17 Joint Regional Wastewater Reclamation	2,310	-	-	122	3,779	-	128,759	1,846	-	136,816
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
Total Non-Capital Engineering Work Plan	51,151	-	-	3,968	3,779	-	166,448	40,304	-	265,650

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2021-22
3rd Quarter

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Common	-	-	380	-	-	-	279	305	286	1,250
Total PC 02 J B Latham	-	-	380	-	-	-	279	305	286	1,250
PC 15 Coastal Treatment Plant										
Liquids	332	-	-	25	-	-	256	261	-	874
Total PC 15 Coastal Treatment Plant	332	-	-	25	-	-	256	261	-	874
PC 17 Joint Regional Wastewater Reclamation										
Common	63	-	-	3	103	-	781	50	-	1,000
Total PC 17 Joint Regional Wastewater Reclamation	63	-	-	3	103	-	781	50	-	1,000
PC 21 Effluent Transmission Main										
	-	-	-	-	7,813	7,813	-	-	-	15,626
Total Non Capital Miscellaneous Engineering Work Plan	395	-	380	28	7,916	7,813	1,316	616	286	18,750
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	20,645	-	-	-	15,484	19,355	11,613	67,097
Common	-	-	17,839	-	-	-	13,121	14,339	13,411	58,710
Solids	-	-	16,974	-	-	-	12,233	11,316	16,056	56,579
Total PC 02 J B Latham	-	-	55,458	-	-	-	40,838	45,010	41,080	182,386
PC 15 Coastal Treatment Plant										
Liquids	55,653	-	-	4,382	-	-	42,945	43,822	-	146,802
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	16,770	-	16,770
Total PC 15 Coastal Treatment Plant	55,653	-	-	4,382	-	-	42,945	60,592	-	163,572
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	84,137	-	-	84,137
Common	2,755	-	-	145	4,507	-	34,324	2,201	-	43,932
Solids	6,572	-	-	346	11,955	-	34,455	5,248	-	58,576
AWT	-	-	-	-	-	-	9,319	-	-	9,319
Total PC 17 Joint Regional Wastewater Reclamation	9,327	-	-	491	16,462	-	162,235	7,449	-	195,964
Total Small Internal Capital Work Plan	64,980	-	55,458	4,873	16,462	-	246,018	113,051	41,080	541,922

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2021-22
3rd Quarter

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	227,958	-	-	-	170,969	213,711	128,227	740,865
Common	-	-	43,891	-	-	-	32,283	35,279	32,997	144,450
Solids	-	-	236,829	-	-	-	170,687	157,886	224,027	789,429
Total PC 02 J B Latham	-	-	508,678	-	-	-	373,939	406,876	385,251	1,674,744
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	553,045	-	-	43,546	-	-	426,760	435,470	-	1,458,821
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	16,770	-	16,770
Total PC 15 Coastal Treatment Plant	553,045	-	-	43,546	-	-	426,760	452,240	-	1,475,591
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	2,547,942	-	-	2,547,942
Common	42,042	-	-	2,213	68,794	-	523,865	33,598	-	670,512
Solids	31,356	-	-	1,649	57,039	-	164,385	25,040	-	279,469
AWT	-	-	-	-	-	-	9,319	-	-	9,319
Total PC 17 Joint Regional Wastewater Reclamation	73,398	-	-	3,862	125,833	-	3,245,511	58,638	-	3,507,242
PC 21 Effluent Transmission Main	-	-	-	-	53,438	53,438	-	-	-	106,876
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
SOCWA Total Capital Work Plan	626,443	-	508,678	47,408	179,271	53,438	4,046,210	917,754	385,251	6,764,453

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2021-22
4th Quarter

	CLB	CSC	CSJC	EBSA	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	207,313	-	-	-	155,485	194,356	116,614	673,768
Common	-	-	25,672	-	-	-	18,883	20,635	19,300	84,490
Solids	-	-	219,855	-	-	-	158,454	146,570	207,971	732,850
Total PC 02 J B Latham	-	-	452,840	-	-	-	332,822	361,561	343,885	1,491,108
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	448,219	-	-	35,293	-	-	345,870	352,929	-	1,182,311
AWT	-	-	-	-	-	-	-	-	-	-
Total PC 15 Coastal Treatment Plant	448,219	-	-	35,293	-	-	345,870	352,929	-	1,182,311
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	2,363,825	-	-	2,363,825
Common	36,914	-	-	1,943	60,405	-	459,981	29,501	-	588,744
Solids	24,784	-	-	1,303	45,084	-	129,930	19,792	-	220,893
Total PC 17 Joint Regional Wastewater Reclamation	61,698	-	-	3,246	105,489	-	2,953,736	49,293	-	3,173,462
PC 21 Effluent Transmission Main	-	-	-	-	45,625	45,625	-	-	-	91,250
Total Large Capital Work Plan	509,917	-	452,840	38,539	151,114	45,625	3,632,428	763,783	343,885	5,938,131
Non-Capital Engineering Projects (Non-Operating O&M Expense)										
PC 02 J B Latham										
Liquids	-	-	-	-	-	-	-	-	-	-
Common	-	-	-	-	-	-	-	-	-	-
Total PC 02 J B Latham	-	-	-	-	-	-	-	-	-	-
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	48,841	-	-	3,846	-	-	37,689	38,458	-	128,834
Total PC 15 Coastal Treatment Plant	48,841	-	-	3,846	-	-	37,689	38,458	-	128,834
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	99,980	-	-	99,980
Common	2,310	-	-	122	3,779	-	28,779	1,846	-	36,836
Total PC 17 Joint Regional Wastewater Reclamation	2,310	-	-	122	3,779	-	128,759	1,846	-	136,816
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
Total Non-Capital Engineering Work Plan	51,151	-	-	3,968	3,779	-	166,448	40,304	-	265,650

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2021-22
4th Quarter

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Common	-	-	380	-	-	-	279	305	286	1,250
Total PC 02 J B Latham	-	-	380	-	-	-	279	305	286	1,250
PC 15 Coastal Treatment Plant										
Liquids	332	-	-	25	-	-	256	261	-	874
Total PC 15 Coastal Treatment Plant	332	-	-	25	-	-	256	261	-	874
PC 17 Joint Regional Wastewater Reclamation										
Common	63	-	-	3	103	-	781	50	-	1,000
Total PC 17 Joint Regional Wastewater Reclamation	63	-	-	3	103	-	781	50	-	1,000
PC 21 Effluent Transmission Main										
	-	-	-	-	7,813	7,813	-	-	-	15,626
Total Non Capital Miscellaneous Engineering Work Plan	395	-	380	28	7,916	7,813	1,316	616	286	18,750
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	20,645	-	-	-	15,484	19,355	11,613	67,097
Common	-	-	17,839	-	-	-	13,121	14,339	13,411	58,710
Solids	-	-	16,974	-	-	-	12,233	11,316	16,056	56,579
Total PC 02 J B Latham	-	-	55,458	-	-	-	40,838	45,010	41,080	182,386
PC 15 Coastal Treatment Plant										
Liquids	55,653	-	-	4,382	-	-	42,945	43,822	-	146,802
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	16,770	-	16,770
Total PC 15 Coastal Treatment Plant	55,653	-	-	4,382	-	-	42,945	60,592	-	163,572
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	84,137	-	-	84,137
Common	2,755	-	-	145	4,507	-	34,324	2,201	-	43,932
Solids	6,572	-	-	346	11,955	-	34,455	5,248	-	58,576
AWT	-	-	-	-	-	-	9,319	-	-	9,319
Total PC 17 Joint Regional Wastewater Reclamation	9,327	-	-	491	16,462	-	162,235	7,449	-	195,964
Total Small Internal Capital Work Plan	64,980	-	55,458	4,873	16,462	-	246,018	113,051	41,080	541,922

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2021-22
4th Quarter

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	227,958	-	-	-	170,969	213,711	128,227	740,865
Common	-	-	43,891	-	-	-	32,283	35,279	32,997	144,450
Solids	-	-	236,829	-	-	-	170,687	157,886	224,027	789,429
Total PC 02 J B Latham	-	-	508,678	-	-	-	373,939	406,876	385,251	1,674,744
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	553,045	-	-	43,546	-	-	426,760	435,470	-	1,458,821
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	16,770	-	16,770
Total PC 15 Coastal Treatment Plant	553,045	-	-	43,546	-	-	426,760	452,240	-	1,475,591
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	2,547,942	-	-	2,547,942
Common	42,042	-	-	2,213	68,794	-	523,865	33,598	-	670,512
Solids	31,356	-	-	1,649	57,039	-	164,385	25,040	-	279,469
AWT	-	-	-	-	-	-	9,319	-	-	9,319
Total PC 17 Joint Regional Wastewater Reclamation	73,398	-	-	3,862	125,833	-	3,245,511	58,638	-	3,507,242
PC 21 Effluent Transmission Main	-	-	-	-	53,438	53,438	-	-	-	106,876
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
SOCWA Total Capital Work Plan	626,443	-	508,678	47,408	179,271	53,438	4,046,210	917,754	385,251	6,764,453

Agenda Item

8ii

Finance Committee Meeting

Meeting Date: April 21, 2020

TO: Finance Committee
FROM: Betty Burnett, General Manager
STAFF CONTACT: Mary Carey, Finance Controller
SUBJECT: Fiscal Year 2020-21 Budget Comparison to FY 2019-20 Budget

Summary/Discussion

The March 24, 2020 Finance Committee received a staff summary (top level only) presentation on the Preliminary Total Budget for FY 2020-21 in the amount of \$22,771,581. The Budget is up \$1,456,735 or 6.8% over the prior year budget of \$21,314,846. Director Cafferty requested information on what was driving the change.

The details are included in the year over year (YOY) Budget Change slide In the PowerPoint Presentation.

Subsequent to the March 24, 2020 Finance Committee Meeting, staff has identified option to make one-time reductions of \$1.6 million or 6.8% in economic hardship reductions that will bring FY 2020-21 budget down to \$21,217,268 and \$97,578 below the prior year budget.

Recommended Action: Information Item

Agenda Item 8ii

Total Budget Year-Over-Year (YOY) Change			
FY 2019-20 to FY 2020-21			
			Percent Change
FY 2019-20 Budget	\$21,314,846		
Plume Tracking Analysis -Outfalls	\$500,000		2.3%
Operations:			
Chemicals	\$24,892		
Biosolids Hauling and Disposal	\$74,996		
Utilities	\$91,476		
Maintenance - Equip. & Facilities	\$12,988		
Contract Services - Misc	\$56,016		
Facilities	\$31,012		
Insurance	\$65,472		
Legal	\$20,204		
	\$377,056		1.8%
UAL and OPEB Change	\$194,366		0.9%
IT:			
Software Maintenance Agreements	-\$13,188		
Hardware Maintenance Agreements	\$0		
Cloud Subscriptions (Internet)	\$98,245		
Telecommunications	\$23,498		
IT Professional Services	\$13,841		
Small Hardware Purchases (< \$5k)	\$8,300		
Small Software Purchases & Licenses(<\$5k)	\$2,000		
	\$132,696		0.6%
New Hire Lab Tech	\$99,233		0.5%
Admin Part Time Contract Employee	\$86,445		0.4%
Other	\$66,940		0.3%
FY 2020-21 Budget	\$22,771,581		6.8%

Agenda Item

8iii

Finance Committee Meeting

Meeting Date: April 21, 2020

TO: Finance Committee
FROM: Betty Burnett, General Manager
STAFF CONTACT: Mary Carey, Finance Controller
SUBJECT: Fiscal Year 2020-21 Budget Economic Hardship Reductions

Summary/Discussion

The March 24, 2020 Finance Committee received a staff presentation on the Preliminary FY 2020-21 O&M Budget and a Summary Presentation (top level only) of a Preliminary Total Budget inclusive of Admin, General Fund and Residual Engineering.

Detailed Preliminary Budgets for Admin, General Fund and Residual Engineering will be presented at the upcoming meeting on April 21, 2020.

Due to the extenuating circumstances that our nation is facing and its financial toll on some of the Authority's Member Agencies, staff has identified certain expenses or projects that can be moved into a future budget year to help mitigate the current financial strain.

The Aggregate of the Economic Hardship Reductions is:

1. \$1,554,313 or 6.8% reduction to the previously presented Preliminary Total Budget of \$22,771,581.
2. The Revised Preliminary Total Budget can result in a reduction to \$21,217,268.
3. The Revised Total Budget is \$97,578 or .5% below FY 2019-20 Budget of \$21,314,846.

Significant items included in the Economic Hardship reductions would include:

1. Usage of PARS Savings Account:

The Economic Hardship Reductions include a staff recommendation to use Funds from the Authority's PARS OPEB savings account to pay FY 2020-21 Retiree Health Pay-Go of \$503,809.

The account balance as of March 31, 2020 is:

<i>Account Summary</i>						
Beginning Balance as of 3/1/2020	Contributions	Earnings	Expenses	Distributions	Transfers	Ending Balance as of 3/31/2020
\$5,200,448.20	\$0.00	-\$583,471.18	\$2,614.97	\$0.00	\$0.00	\$4,614,362.05
\$5,200,448.20	\$0.00	-\$583,471.18	\$2,614.97	\$0.00	\$0.00	\$4,614,362.05

The PARS account experienced a \$583,471 loss for the month, the month end balance is \$4,614,362.

2. March 2020 CPI-U for the Cost of Living Adjustment (COLA):

The CPI-U for Los Angeles, Long Beach and Anaheim for the year ending March 2020 is 1.9%. The current MOU says the minimum COLA is 2%, therefore, the 3.2% COLA included in the previous Budget Presentation was reduced to 1.9%, a cost reduction of \$102,453.

3. **Plume Tracking** for Outfalls will be moved to the next fiscal year, \$450,000 cost reduction.
4. **The Training Budget** across the Board can sustain a one-year 50% reduction of \$90,300.
5. **New Hire** for Environmental delayed until State implements Regulatory Guidelines, \$103,576.
6. **Part-Time Contract Admin** delayed, \$86,445.
7. **IT Projects** delayed, \$134,700.

Recommended Action: Information Item.

Agenda Item

10

Finance Committee Meeting

Meeting Date: April 21, 2020

TO: Finance Committee
FROM: Betty Burnett, General Manager
STAFF CONTACT: Mary Carey, Finance Controller
SUBJECT: FY 2019-20 3rd Quarter Cash Roll Forward

Summary/Discussion

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

Cash Roll Forward Q3, March 31, 2020

Cash Roll Forward balances are attached:

- a. Cash Roll Forward Notes
- b. Large Capital Cash Reconciliation to General Ledger (GL)
- c. Large Capital Cash Roll Forward Balance by Member Agency, Project Committee, and Capital Project
- d. Non-Capital Cash Roll Forward Balance by Member Agency, Project Committee, and Capital Project
- e. Non-Capital – Miscellaneous Cash Roll Forward Balance by Member Agency, Project Committee, and Capital Project
- f. Small Capital Cash Roll Forward Balance by Member Agency, Project Committee, and Capital Project

Recommended Action: Staff recommends that the Finance Committee recommend to the Board of Directors to receive and file the Q3 Fiscal Year 2019-20 Cash Roll Forward as submitted.

Cash Roll Forward Notes

1. Cash on Hand from Schedule of Cash and Investments as of March 31, 2020, Exhibit C in a Monthly Financials; amount confirmed with Bank, Bank Statements and reconciled to the General Ledger.
2. Adjustment for Current Assets and Liabilities, Obligations against the Cash (accounts payable, payroll accruals, Use Audit Due (To) Member Agencies; the offset to these items is in the Use Audit as an Expense or in Construction-in-Progress if Capital related.)

Amounts due to the Authority, Accounts Receivable, Use Audit Due From Member Agencies, Prepaids and Deposits.

3. Available Cash (Item 1 above less Item 2). The Authority does not carry Cash Reserves, residual cash from O&M and Small Capital is returned to the Member Agencies via the Use Audit, therefore, Cash on Hand should be Large Capital Cash.
4. Large Capital Cash is supported by a subsidiary report detailing by project committee, wastewater code and capital project:
 - a. Beginning Cash Balance from the State Audited 6/30/2016 Cash Roll Forward
 - b. Contributions based on the quarterly capital billings
 - c. Actual expenditures taken from the general ledger
 - d. Use Audit Settlement
 - e. Net Cash balance
5. Non-Capital Engineering Cash Balance is based on the quarterly invoices less Receivables included in the Accounts Receivable adjustment above, therefore, added back actual expenditures. This process began in FY 2016-17.
6. Difference is an additional cash from other sources than Member Agencies (broken down by line item in the schedule below).

**South Orange County Wastewater Authority
Cash Reconciliation
Fiscal Year End 2016, 2017, 2018, 2019 & Q1, Q2, Q3 2020 Preliminary¹**

	6/30/2016	6/30/2017	6/30/2018	6/30/2019	Q1 YTD 9/30/2019	Q2 YTD 12/31/2019	Q3 YTD 3/31/2020
(1) Cash on Hand	5,777,486	12,949,694	13,557,237	20,857,094	24,960,688	29,998,620	27,909,104
Accounts Payable	(2,453,079)	(2,682,688)	(2,314,106)	(1,981,080)	(1,479,730)	(2,107,599)	(1,821,791)
Accrued Payroll	(129,958)	(102,661)	(127,396)	(100,221)	(27,792)	(185,784)	(52,220)
Accounts Receivable	316,772	1,069,282	1,660,444	14,179	1,656	14,879	16,366
(2) PTO Reserves	(684,767)	(653,282)	(620,032)	(683,536)	(752,001)	(551,558)	(376,537)
Due to Mbr Agency	(1,692,399)	(1,358,841)	(3,910,599)	(2,475,322)	(2,475,322)	(2,475,322)	
Due From Mbr Agency	1,316,255	1,069,819	2,433,322	856,669	856,669	856,669	
Mbr Agency Refund held for FY 19-20				(1,068,028)			
Audit Adjustment	311,131						
Prepaid	65,614	65,082	204,867	211,725	284,033	315,890	205,295
Deposits	18,000	19,500	-				
Available Cash	2,845,055	10,375,905	10,883,737	15,631,481	21,368,200	25,865,795	25,880,218
(3) Large Capital Cash as of June 30th 2016, 2017, 2018, 2019 & 2020 Qtrly	2,223,007	9,168,439	8,793,369	15,067,539	20,800,492	24,036,171	22,615,784
(4) Non Capital Engineering Cash Balance		295,062	(81,041)				
(5) Moulton Niguel Non Capital Engineering Accounts Receivable		(21,831)	(22,416)				
Moulton Niguel Large Capital Accounts Receivable		649,490	1,382,368				
Add Use Audit Settlement FY 17-18			216,467				
Add Use Audit Settlement FY 16-17	211,626	(49,931)	(49,931)				
Total Large Capital Cash	2,434,633	10,041,229	10,238,817	15,067,539	20,800,492	24,036,171	22,615,784
Small Capital Carryover	129,000	(129,000)		172,996	172,996	70,432	10,342
Mbr Agency Refund held for FY 19-20							
Cash Collected for PC 2 Zephyr Wall		76,318		76,318	76,318	76,318	
Q3 Billings greater than expenditures:							
O&M					2,522	76,980	790,588
Non-Capital					115,681	528,797	764,047
Non-Capital Misc					106,252	176,049	270,681
Small Capital					246,721	687,438	940,790
Outstanding AP					67,265	67,265	27,274
Outstanding Payroll							248,648
CalPERS Advance Payment					(650,503)	(433,669)	(216,834)
Other misc., fringe adj, interest adj, etc.		22,331	(4,916)				
Net Cash as of June 30th 2016, 2017, 2018, 2019 & Q3 2020	2,563,633	10,010,879	10,233,900	15,316,853	20,937,744	25,285,781	25,451,320
(6) Difference	281,422	365,027	649,837	314,628	430,456	580,013	428,897

Additional Cash Is:							
Prior Balance		281,422	365,027	649,837	314,628	430,456	580,013
Payment to Member Agencies				(649,837)			(314,628)
County of Orange Bankruptcy Payment	18,714						
County of Orange Admin Fees	13,626						
County of Orange Access Maintenance	3,000						
City of Laguna Niguel Heat Transfer	31,320						
SMWD Lab Fees	17,820						
Coke machine	30						
FEMA Reimbursement			136,995				9,277
Interest Income Received	24,587	45,294	114,150	249,482	279	116,810	153,544
Recycling Income	16,710	11,708	2,112	1,618	1,603		690
PC 23 Admin Payment		9,135				5,150	
Mutual Omaha Refund		8,034					
Interest received for 4th qtr		4,934	25,256	52,302	113,947		
LAIF Interest Adj.		3,000					
Grant Revenue		1,500				27,597	
Other misc. expenses (fringe adj., interest adj., etc.)							
Sale of Fixed Assets	20,289		6,297	11,226			
Other misc adjustments	135,326						
Total Other Cash	281,422	365,027	649,837	314,628	430,456	580,013	428,897

¹Quarterly reconciliations are preliminary because a "Hard Close" is done only at year-end

South Orange County Wastewater Authority

Total Large Capital Projects Cash Roll Forward for Q3 FY 2019-20

Large Capital Cash Balance as of 3/31/2020										
	16	17	18	19	20	21	22	23	24	
	CLB	CSC	CSJC	ETWD	EBSB	IRWD	MNWD	SMWD	SCWD	Total
PC 02 J B Latham										
Liquids										
3202-000 - Preliminary and Primary Treatment Improvements Design (2016)	-	-	79,958	-	-	-	60,009	45,011	75,012	259,990
3250-000 - Plant 1 Grit Basins and Handling (2017)	-	-	(51,746)	-	-	-	(38,783)	(29,083)	(48,479)	(168,091)
3252-000 - Plant 1 Standby Power Generator Repl (2017)	-	-	55,274	-	-	-	41,477	31,109	51,848	179,708
3253-000 - Effluent System Valves Replacement (2107)	-	-	27,244	-	-	-	21,598	16,200	26,997	92,039
3254-000 - Additional Package B Liquids Design (2017)	-	-	46,669	-	-	-	35,016	26,262	43,771	151,718
3280-000 - Facility Improvements B - Basin Upgrades (2018)	-	-	13,141	-	-	-	9,924	7,513	12,427	43,005
3285-000 - Main Plant Drain Line Reconstruction (2018)	-	-	33,324	-	-	-	25,004	18,753	31,254	108,334
3215-000 - Motor Control Center M Replacement Design (2019)	-	-	9,904	-	-	-	7,428	5,571	9,285	32,188
3220-000 - Facility Improvements B - Basin Upgrades Construction I (2019)	-	-	898,817	-	-	-	674,163	505,547	842,680	2,921,207
Total PC 02 Liquids	-	-	1,112,584	-	-	-	835,835	626,883	1,044,794	3,620,097
Common										
3216-000 - Hoist System for Maintenance Shop (2013)	-	-	(35)	-	-	-	(26)	(26)	(28)	(115)
3218-000 - Energy Building Roof reconstruction (2014)	-	-	(103)	-	-	-	(76)	(78)	(83)	(340)
3260-000 - SCADA System Upgrade (2017)	-	-	25,451	-	-	-	18,754	19,157	20,467	83,829
3286-000 - PLC Upgrades (2018)	-	-	15,568	-	-	-	11,464	11,712	12,516	51,260
3221-000 - Electrical System Evaluation (2019)	-	-	18,248	-	-	-	13,422	13,719	14,668	60,056
3231-000 Facility Improvements B - Common Upgrades Construction	-	-	48,106	-	-	-	35,380	36,157	38,658	158,301
Total PC 02 Common	-	-	107,235	-	-	-	78,918	80,640	86,198	352,991
Solids										
3209-000 - Facility Improvements - Co-Generation Rep. (2016)	-	-	367,232	-	-	-	264,654	347,399	244,823	1,224,108
3210-000 - Facility Improvements - Solids Area (2015)	-	-	(5,817)	-	-	-	(4,193)	(5,503)	(3,878)	(19,391)
3287-000 - Facility Improvements B - DAFT and Ancillary Solids Improvements	-	-	614,092	-	-	-	442,574	580,913	409,395	2,046,974
3222-000 - Centrate System Design (2019)	-	-	20,329	-	-	-	14,651	19,230	13,553	67,763
3223-000 - Emulsion Polymer Feeder Replacement (2019)	-	-	22,264	-	-	-	16,046	21,060	14,843	74,213
3224-000 - Digester No.4 Rehabilitation (2019)	-	-	94,914	-	-	-	68,407	89,784	63,276	316,380
3225-000 - Facility Improvements B - DAFT and Ancillary Solids Improvement	-	-	(1,729)	-	-	-	(1,246)	(1,636)	(1,153)	(5,764)
Total PC 02 Solids	-	-	1,111,285	-	-	-	800,892	1,051,248	740,858	3,704,283
Total PC2 JB Latham	-	-	2,331,104	-	-	-	1,715,646	1,758,771	1,871,850	7,677,371

South Orange County Wastewater Authority

Total Large Capital Projects Cash Roll Forward for Q3 FY 2019-20

Large Capital Cash Balance as of 3/31/2020										
	16	17	18	19	20	21	22	23	24	
	CLB	CSC	CSJC	ETWD	EBSB	IRWD	MNWD	SMWD	SCWD	Total
PC 05 San Juan Creek Ocean Outfall										
3601-000 Junction Structure Reinforcement Phase II (2016)	-	23,014	15,343	-	-	-	21,476	61,371	17,268	138,472
3602-000 Emergency Plan Development (2016)	-	(0)	-	-	-	-	-	-	-	(0)
3603-000 Dilution Study (2016)	-	9,889	6,593	-	-	-	9,228	26,370	7,420	59,500
3650-000 - Junction Structure Reinforcement Construction (2017)	-	4,294	2,863	-	-	-	4,007	10,962	3,220	25,346
3605-000 - Junction Structure Reinforcement Permitting and Final Design	-	11,283	7,522	-	-	-	10,529	30,088	8,466	67,888
Total PC5 San Juan Creek Ocean Outfall	-	48,479	32,321	-	-	-	45,241	128,792	36,374	291,207
PC 15 Coastal Treatment Plant										
Liquids										
3504-000 - Aeration System Modification Design (2015)	43,841	-	-	-	3,457	-	33,826	-	34,520	115,644
3509-000 - Switchgear Replacement Design (2016)	55,901	-	-	-	4,406	-	43,131	-	44,016	147,453
3510-000 - East Primary/Aeration Grating Rebate and Concrete Repair (2016)	(2)	-	-	-	(0)	-	(1)	-	(1)	(5)
3514-000 - CTP Facility Upgrade Design and Financing (2016)	145,458	-	-	-	11,477	-	112,226	-	114,530	383,691
3530-000 Aliso Sulfur Creek Confluence (2014)	(1,818)	-	-	-	(143)	-	(1,403)	-	(1,431)	(4,795)
3532-000 - Fire Protection (2013)	12,081	-	-	-	952	-	8,684	-	9,513	31,230
3534-000 - Export Sludge System (1997)	274,035	-	-	-	21,582	-	211,455	-	215,775	722,848
3539-000 Facility Construction Improvements - Part II (2020)	849,686	-	-	-	66,904	-	655,666	-	669,048	2,241,303
3551-000 - Add for CTP Facility Upgrade Design (2017)	55,357	-	-	-	4,365	-	42,713	-	43,588	146,023
3552-000 SCADA System Improvements (2017)	46,760	-	-	-	3,689	-	36,077	-	36,819	123,344
3553-000 - Plant Drainage Improvements (2017)	92,569	-	-	-	7,295	-	71,428	-	72,889	244,181
3592-000 - Facility Improvements Project Design (2018)	16,968	-	-	-	1,408	-	13,042	-	13,353	44,771
3593-000 - Primary Sludge Valve Replacement (2018)	33,027	-	-	-	2,604	-	25,482	-	26,004	87,117
3594-000 - PLC Replacement (2018)	31,464	-	-	-	2,480	-	24,276	-	24,776	82,996
3595-000 - Primary Device Electrical Conduit and Conductor Replacement	38,288	-	-	-	3,020	-	29,544	-	30,148	101,000
3525-000 - Personnel Building reconstruction (2019)	52,818	-	-	-	4,159	-	40,757	-	41,589	139,322
3526-000 - Facility Improvements Project Construction - Part I (2019)	(1,874)	-	-	-	(148)	-	(1,446)	-	(1,476)	(4,944)
3527-000 - Vehicle Storage Building Roof (2019)	32,224	-	-	-	2,537	-	24,866	-	25,373	85,000
3528-000 - AWMA Road Sites West 1 and West 2 Embankment Protection	50,371	-	-	-	3,966	-	38,869	-	39,662	132,868
3529-000 - Aliso Creek Long Term Repair Planning	30,096	-	-	-	2,370	-	23,224	-	23,698	79,388
3541-000 Export Sludge System Construction (2020)	514,975	-	-	-	40,549	-	397,382	-	405,492	1,358,397
Total PC 15 Liquids	2,372,223	-	-	-	186,930	-	1,829,798	-	1,867,882	6,256,833

South Orange County Wastewater Authority

Total Large Capital Projects Cash Roll Forward for Q3 FY 2019-20

Large Capital Cash Balance as of 3/31/2020										
	16	17	18	19	20	21	22	23	24	Total
	CLB	CSC	CSJC	ETWD	EBSB	IRWD	MNWD	SMWD	SCWD	
AWT										
3517-000 - AWT Backwash Pump Replacement (2016)	-	-	-	-	-	-	-	-	(298)	(298)
3518-000 - Chlorine Mixer Replacement (15AWT) (2015)	-	-	-	-	-	-	-	-	(7)	(7)
3532-000 - Fire Protection	-	-	-	-	-	-	-	-	(31,230)	(31,230)
3562-000 - Applied Water Pump System Replacement (AWT) (2017)	-	-	-	-	-	-	-	-	100,827	100,827
3596-000 - Applied Water VFD Pump Panel and Electrical (AWT) (2018)	-	-	-	-	-	-	-	-	10,631	10,631
3597-000 - MCC A Replacement Design (15) (2018)	-	-	-	-	-	-	-	-	55,890	55,890
3536-000 - Chlorine Contact Basin Mixer Design (AWT) (2018)	-	-	-	-	-	-	-	-	25,142	25,142
3537-000 - MCC A Replacement Construction (AWT) (2019)	-	-	-	-	-	-	-	-	(27,437)	(27,437)
3538-000 - AWT Filter Valve Upgrade Construction (AWT) (2019)	-	-	-	-	-	-	-	-	(49,004)	(49,004)
Total PC 15 AWT	-	-	-	-	-	-	-	-	84,515	84,515
Total PC 15 Coastal Treatment Plant	2,372,223	-	-	-	186,930	-	1,829,798	-	1,952,397	6,341,348
PC 17 Joint Regional Wastewater Reclamation										
Liquids/AWT										
3701-000 - Secondary Electrical System Rerouting (2014)	-	-	-	-	-	-	(169,954)	-	-	(169,954)
3702-000 - Waste Activated Sludge VFD Control Panel (2013)	-	-	-	-	-	-	482,939	-	-	482,939
3707-000 - Influent Manholes 1 and 2 and Sewer Rehabilitation (2016)	-	-	-	-	-	-	(121)	-	-	(121)
3708-000 - Influent Junction Structure Gate Replacement (2016)	-	-	-	-	-	-	(18)	-	-	(18)
3712-000 - Grit Basin Drop Gate and Weir Replacement (2016)	-	-	-	-	-	-	(4,681)	-	-	(4,681)
3713-000 - Primary Inlet Drop Gate Replacement (2016)	-	-	-	-	-	-	(5)	-	-	(5)
3730-000 - Primary Gallery Upgrade (2014)	-	-	-	-	-	-	127,994	-	-	127,994
3733-000 AWT Backwash Pipe Relocation (2014)	-	-	-	-	-	-	(602)	-	-	(602)
3752-000 - AWT No.2 Upgrade Design (2017)013)	-	-	-	-	-	-	(382)	-	-	(382)
3753-000 Aeration Diffuser Upgrade (2020)	-	-	-	-	-	-	224,855	-	-	224,855
3758-000 AWT No.2 Reconstruction (2020)	-	-	-	-	-	-	252,751	-	-	252,751
3781-000 - Primary Scum Skimmer Replacement (2018)	-	-	-	-	-	-	10,888	-	-	10,888
3784-000 - Replace DAF (Mannich) Polymer System (2018)	-	-	-	-	-	-	712,621	-	-	712,621
3785-000 - Replace DAF Dissolution Tank System and Compressors (2018)	-	-	-	-	-	-	426,869	-	-	426,869
3786-000 - Primary Gallery Mechanical and Electrical Upgrade (2018)	-	-	-	-	-	-	1,354,664	-	-	1,354,664
3787-000 - Aeration Area Upgrade Design (2018)	-	-	-	-	-	-	73,370	-	-	73,370
3741-000 - Southwest Influent Sewer and MH Repair design (2019)	-	-	-	-	-	-	100,282	-	-	100,282
3742-000 - Aeration System Upgrade (2019)	-	-	-	-	-	-	345,927	-	-	345,927
3743-000 - Aeration Gate Replacement (2019)	-	-	-	-	-	-	187,197	-	-	187,197
3755-000 Southeast Sewer Rehabilitation (2020)	-	-	-	-	-	-	50,000	-	-	50,000
3756-000 Secondary Clarifier Safety Repairs (2020)	-	-	-	-	-	-	17,665	-	-	17,665
3757-000 Miscellaneous Safety Improvements - Liquids (2020)	-	-	-	-	-	-	24,178	-	-	24,178
3759-000 AWT No.2 Electrical Upgrades (2020)	-	-	-	-	-	-	35,366	-	-	35,366
3766-000 AWT Sodium Hypochlorite Tanks Shade (2020)	-	-	-	-	-	-	28,471	-	-	28,471
Total PC 17 Liquids	-	-	-	-	-	-	4,280,274	-	-	4,280,274

South Orange County Wastewater Authority

Total Large Capital Projects Cash Roll Forward for Q3 FY 2019-20

Large Capital Cash Balance as of 3/31/2020										
	16	17	18	19	20	21	22	23	24	
	CLB	CSC	CSJC	ETWD	EBSB	IRWD	MNWD	SMWD	SCWD	Total
Common										
3715-000 - Switchgear Upgrade (2006)	(2,834)	-	-	(4,638)	(149)	-	(35,320)	-	(2,265)	(45,207)
3717-000 - Security Fencing (2015)	86	-	-	7	4	-	(165)	-	68	-
3718-000 - Access Bridge Upgrades (2015)	650	-	-	48	29	-	(1,257)	-	521	(8)
3761-000 - External Lighting Upgrade	22,511	-	-	38,296	1,192	-	293,960	-	17,986	373,946
3763-000 - Reroute Drains on Plant Perimeter (2017)	1,687	-	-	3,073	90	-	23,898	-	1,349	30,096
3764-000 - SCADA Improvements (2017)	1,945	-	-	4,755	109	-	38,717	-	1,548	47,075
3769-000 Trailer Drain Line (2020)	3,297	-	-	5,396	174	-	41,085	-	2,635	52,585
3788-000 - PLC Upgrade	(3,255)	-	-	(4,470)	(168)	-	(32,677)	-	(2,603)	(43,173)
3789-000 - Switchgear Upgrade Project Completion (2018)	(920)	-	-	(1,505)	(48)	-	(11,459)	-	(735)	(14,666)
3744-000 - Admin Building Repair design (2019)	1,025	-	-	1,677	54	-	12,767	-	819	16,341
3745-000 - West Slope Protection Evaluation (2019)	2,378	-	-	3,891	125	-	29,632	-	1,900	37,926
3746-000 - Motor Control Center A, G, H Design (2019)	8,792	-	-	14,386	463	-	109,549	-	7,026	140,216
3747-000 - Southside Plant Manhole Reconstruction (2019)	1,089	-	-	1,783	57	-	13,576	-	871	17,376
3748-000 - SE electrical Manhole reconstruction (2019)	8,621	-	-	14,107	454	-	107,428	-	6,890	137,500
Total PC 17 Common	45,071	-	-	76,807	2,384	-	589,735	-	36,011	750,007
Solids										
3722-000 - Co-gen Sys Retrofit (formerly Siloxane) (2015)	18,234	-	-	33,173	956	-	95,591	-	14,564	162,518
3724-000 Energy Building Structural and HVAC Modifications (2015)	(1,058)	-	-	(1,924)	(56)	-	(5,546)	-	(845)	(9,429)
3726-000 Co-Generation System Retrofit Design	(374)	-	-	(681)	(20)	-	(1,961)	-	(299)	(3,335)
3790-000 - Solids Area Upgrade Design (2018)	3,287	-	-	5,980	173	-	17,235	-	2,626	29,300
3791-000 - Cogeneration Area Upgrade Project Completion (2018)	1	-	-	1	-	-	1	-	1	2
3749-000 - Phase I Solids Piping Upgrade (2019)	96,734	-	-	175,964	5,087	-	507,115	-	77,248	862,147
3750-000 - Dewatering room Floor Sealing and Lighting (2019)	11,677	-	-	21,241	614	-	61,215	-	9,325	104,071
3751-000 - Energy Building Roof and Breezeway (2019)	66,096	-	-	120,234	3,476	-	346,506	-	52,782	589,093
3754-000 - SET Piping Reconstruction (2019)	6,115	-	-	11,123	322	-	32,057	-	4,883	54,500
3771-000 Miscellaneous Safety Improvements - Solids (2020)	8,718	-	-	15,859	459	-	45,704	-	6,962	77,702
3772-000 Hot Water Piping Reconstruction (2020)	35,139	-	-	63,920	1,848	-	184,211	-	28,061	313,178
3773-000 Co-Generation System Modifications (2020)	38,289	-	-	69,651	2,014	-	200,729	-	30,577	341,259
Total PC 17 Solids	282,857	-	-	514,539	14,872	-	1,482,856	-	225,885	2,521,008
Total PC 17 Joint Regional Wastewater Reclamation	327,928			591,345	17,256		6,352,864		261,896	7,551,289

South Orange County Wastewater Authority

Total Large Capital Projects Cash Roll Forward for Q3 FY 2019-20

Large Capital Cash Balance as of 3/31/2020										
16	17	18	19	20	21	22	23	24		
CLB	CSC	CSJC	ETWD	EBSB	IRWD	MNWD	SMWD	SCWD	Total	
PC 21 Effluent Transmission Main										
Reach B/C/D										
3101-000 - Trail Bridge Crossing Protection - Phase I (D) (2016)	-	-	-	142,593	-	142,591	-	-	-	285,184
3105-000 Air Valve Replacement Design and Permitting (D) (2020)	-	-	-	29,675	-	29,675	-	-	-	59,351
Total PC21 Reach B/C/D	-	-	-	172,268	-	172,266	-	-	-	344,534
Reach E										
3104-000 - Aliso Creek Long term Repair Planning (E) (2019)	-	-	-	39,266	-	39,266	-	-	-	78,533
3106-000 Air Valve Replacement Design and Permitting (E) (2020)	-	-	-	24,146	-	24,146	55,382	-	-	103,674
Total PC21 Reach E	-	-	-	63,412	-	63,412	55,382	-	-	182,207
Total PC 21 Effluent Transmission Main	-	-	-	235,680	-	235,678	55,382	-	-	526,741
PC 24 Aliso Creek Ocean Outfall										
3401-000 - Emergency Plan Development (2016)	1,697	-	-	2,514	120	2,431	6,764	-	1,899	15,426
3408-000 Sampling System Repair (2020)	9,958	-	-	14,758	706	14,268	39,699	-	11,145	90,534
3480-000 - Internal Seal Replacement (2020)	13,405	-	-	19,864	951	19,206	53,439	-	15,002	121,868
Total PC 24 Aliso Creek Ocean Outfall	25,060	-	-	37,137	1,777	35,905	99,903	-	28,046	227,828
Total Large Capital Cash	2,725,211	48,479	2,363,425	864,162	205,963	271,584	10,098,833	1,887,563	4,150,563	22,615,784

**South Orange County Wastewater Authority
Total Non-Capital Projects Billings for Q3 FY 2019-20**

Non-Capital Cash Balance as of March 31, 2020									
16	17	18	19	20	21	22	23	24	
CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total
PC 02 J B Latham									
Liquids									
4018-000 - Truckline Flow Monitoring (Compliance)	-	-	-	-	-	-	-	-	-
4201-000 - Plant 1 Blower Building Condition Assessment (2020)	-	-	25,247	-	-	-	18,935	14,201	23,669
4202-000 - Pipeline Condition Assessment Methodology Evaluation (2020)	-	-	15,538	-	-	-	11,653	8,740	14,567
4203-000 - Plant Hydraulic Modeling and Flow Management Plan (2020)	-	-	50,045	-	-	-	37,533	28,150	46,917
4215-000 - JBL Liquids Non Cap Project (2020)	-	-	(5,646)	-	-	-	(4,234)	(3,176)	(5,293)
Total Liquids	-	-	85,183	-	-	-	63,887	47,916	79,859
Common									
4001-000 - Plant Drain System Evaluation (2017)	-	-	(3,866)	-	-	-	(2,843)	(2,906)	(3,107)
4014-000 - Foul Air System Evaluation (2016)	-	-	-	-	-	-	-	-	-
4204-000 - Electrical Manhole Condition Assessment (2020)	-	-	25,637	-	-	-	18,857	19,274	20,607
Total Common	-	-	21,771	-	-	-	16,013	16,367	17,499
Solids									
4002-000 - Dewatering System Condition Assessment (2017)	-	-	-	-	-	-	-	-	-
4003-000 - Heating System Condition Assessment (2017)	-	-	-	-	-	-	-	-	-
4214-000 - Solids Management Plan (2020)	-	-	30,292	-	-	-	21,832	28,654	20,194
Total Solids	-	-	30,292	-	-	-	21,832	28,654	20,194
Total PC2 JB Latham	-	-	137,246	-	-	-	101,733	92,937	117,553
PC 05 San Juan Creek Ocean Outfall									
4004-000 - Emergency Plan Development (2016)	-	-	-	-	-	-	-	-	-
4005-000 - Dilution Study (2016)	-	-	-	-	-	-	-	-	-
4601-000 - Monitoring Evaluation Options (2020)	-	12,586	8,391	-	-	-	11,746	33,564	9,444
Total PC5 SJCOO	-	12,586	8,391	-	-	-	11,746	33,564	9,444
PC 15 Coastal Treatment Plant									
Liquids									
4000-000 - Grit System Condition Assessment (2016)	-	-	-	-	-	-	-	-	-
4015-000 - Conceptual Building Design (2017)	-	-	-	-	-	-	-	-	-
4022-000 - Influent/Overflow Condition Assessment (2016)	-	-	-	-	-	-	-	-	-
4501-000 - Electrical Manhole/Cable Assessment (2020)	23,063	-	-	-	1,816	-	17,797	-	18,160
4502-000 - Building Roof Condition Assessment (2020)	9,777	-	-	-	770	-	7,544	-	7,698
4504-000 - CTP Floodplain Mapping	(2,102)	-	-	-	(165)	-	(1,622)	-	(1,655)
4505-000 - CTP Liquids Non Cap Project (2020)	(1,511)	-	-	-	(119)	-	(1,166)	-	(1,190)
Total Liquids	29,227	-	-	-	2,301	-	22,553	-	23,013
AWT									
4006-000 - Effluent Equalization System Condition Assessment (AWT) (201	-	-	-	-	-	-	-	-	-
4007-000 - Contact Basins and Mudwell Condition Assessment (AWT)	-	-	-	-	-	-	-	-	-
Total AWT	-	-	-	-	-	-	-	-	-
Total PC 15 Coastal Treatment Plant	29,227	-	-	-	2,301	-	22,553	-	23,013

**South Orange County Wastewater Authority
Total Non-Capital Projects Billings for Q3 FY 2019-20**

Non-Capital Cash Balance as of March 31, 2020									
16	17	18	19	20	21	22	23	24	
CLB	CSC	CSJC	ETWD	EBSD	IRWD	MNWD	SMWD	SCWD	Total
PC 17 Joint Regional Wastewater Reclamation									
Liquids									
4008-000 - Effluent Equalization Pond and Gate Condition Assessment (20	-	-	-	-	-	-	-	-	-
4009-000 - Influent Junction Structure and Pipe Condition Assessment (2	-	-	-	-	-	-	-	-	-
4016-000 - Primary Influent Channel Condition Assessment (2016)	-	-	-	-	-	-	-	-	-
4023-000 - Odor Scrubber No.1 and Grit Handling Evaluation (2017)	-	-	-	-	-	-	-	-	-
Total Liquids	-	-	-	-	-	-	-	-	-
Total Solids	-	-	-	-	-	-	-	-	-
Common									
4703-000 - Lab Reconstruction Evaluation (2020)	4,432	-	-	7,252	233	-	55,222	-	3,542
4704-000 - Evaluate Plant and Storm Drainage (2020)	5,710	-	-	9,344	301	-	71,154	-	4,563
Total Common	10,142	-	-	16,596	534	-	126,375	-	8,105
Total PC 17 Joint Regional Wastewater Reclamation	10,142	-	-	16,596	534	-	126,375	-	8,105
PC 21 Effluent Transmission Main									
4012-000 - ETM Condition Assessment Methodology (B/C) (2016)	-	-	-	-	-	-	-	-	-
Total PC 21 ETM	-	-	-	-	-	-	-	-	-
PC 24 Aliso Creek Ocean Outfall									
4013-000 - Emergency Plan Development (2016)	-	-	-	-	-	-	-	-	-
4017-000 - Dilution Study (2016)	-	-	-	-	-	-	-	-	-
Total PC 24 ACOO	-	-	-	-	-	-	-	-	-
Total Non Capital Cash	39,369	12,586	145,637	16,596	2,835	-	262,407	126,501	158,115

**South Orange County Wastewater Authority
Total Non Capital Miscellaneous Projects Billings for Q3 FY 2019-20**

		Non Capital Miscellaneous Cash Balance as of March 31, 2020									
		16	17	18	19	20	21	22	23	24	Total
		CLB	CSC	CSJC	ETWD	EBSB	IRWD	MNWD	SMWD	SCWD	
PC 02 J B Latham											
Liquids											
5205-000(a)	PC 2 Asset Register Pilot Project Liquids (2020)	-	-	11,538	-	-	-	8,654	6,490	10,817	37,500
5207-000(l)	Air Handling System Analysis (2020)	-	-	(162)	-	-	-	(122)	(91)	(152)	(527)
5208-000	Blower Bldg Imps Engineering Services (2020)	-	-	(490)	-	-	-	(368)	(276)	(460)	(1,594)
Total Liquids		-	-	10,886	-	-	-	8,164	6,123	10,205	35,379
Common											
5203-000	PC 2 Miscellaneous Engineering Common (2020)	-	-	10,970	-	-	-	8,069	8,247	8,818	36,105
Total PC 2 Common		-	-	10,970	-	-	-	8,069	8,247	8,818	36,105
Solids											
5204-000(a)	PC 2 Innovative Biosolids Solids (2020)	-	-	16,875	-	-	-	12,162	15,963	11,250	56,250
5206-000	Engine Permitting (2020)	-	-	(3,894)	-	-	-	(2,806)	(3,684)	(2,596)	(12,980)
5207-000(s)	Air Handling System Analysis (2020)	-	-	(158)	-	-	-	(114)	(150)	(105)	(527)
Total PC 2 Solids		-	-	12,823	-	-	-	9,242	12,130	8,549	42,743
Total PC2 JB Latham		-	-	34,679	-	-	-	25,475	26,500	27,572	114,227
PC 05 San Juan Creek Ocean Outfall											
5615-000	PC 5 Miscellaneous Engineering Outfall (2020)	-	814	542	-	-	-	759	2,170	611	4,896
Total PC05 SJ Creek Outfall		-	814	542	-	-	-	759	2,170	611	4,896
PC 15 Coastal Treatment Plant											
Liquids											
5501-000	PC 15 Miscellaneous Engineering Liquids (2020)	3,786	-	-	-	298	-	2,921	-	2,981	9,986
Total PC 15 Liquids		3,786	-	-	-	298	-	2,921	-	2,981	9,986
AWT											
5504-000	PC 15 Miscellaneous Engineering AWT (2020)	-	-	-	-	-	-	-	-	11,250	11,250
Total PC 15 AWT		-	-	-	-	-	-	-	-	11,250	11,250
Total PC 15 Coastal Treatment Plant		3,786	-	-	-	298	-	2,921	-	14,231	21,236
PC 17 Joint Regional Wastewater Reclamation											
Liquids											
5705-000	PC 17 Miscellaneous Engineering Liquids (2020)	-	-	-	-	-	-	(1,408)	-	-	(1,408)
Total PC 17 Liquids		-	-	-	-	-	-	(1,408)	-	-	(1,408)
Common											
5703-000	PC 17 Miscellaneous Engineering Common (2020)	2,364	-	-	3,869	124	-	29,460	-	1,889	37,707
Total PC 17 Common		2,364	-	-	3,869	124	-	29,460	-	1,889	37,707
Solids											
5204-000(b)	PC 17 Innovative Biosolids Solids (2020)	6,311	-	-	11,480	332	-	33,086	-	5,040	56,249
5205-000(b)	PC 17 Asset Register Pilot Project Solids (2020)	4,208	-	-	7,654	221	-	22,059	-	3,360	37,503
5704-000	Engine Permitting (2020)	(254)	-	-	(461)	(13)	-	(1,329)	-	(202)	(2,260)
5706-000	Update Cost Escalation Analysis (2020)	(118)	-	-	(215)	(6)	-	(620)	-	(94)	(1,055)
5707-000	ARC Flash Analysis Update (2020)	(1,077)	-	-	(1,959)	(57)	-	(5,647)	-	(860)	(9,600)
Total PC 17 Solids		9,070	-	-	16,499	477	-	47,549	-	7,243	80,838
Total PC 17 Joint Regional Wastewater Reclamation		11,434	-	-	20,368	601	-	75,601	-	9,132	117,136
PC 21 Effluent Transmission Main											
Reach B/C/D											
5113-000	PC 21 Miscellaneous Engineering B/C/D (2020)	-	-	-	1,969	-	1,969	-	-	-	3,938
Total Reach B/C/D		-	-	-	1,969	-	1,969	-	-	-	3,938
Reach E											
5114-000	PC 21 Miscellaneous Engineering E (2020)	-	-	-	873	-	873	2,003	-	-	3,750
Total Reach E		-	-	-	873	-	873	2,003	-	-	3,750
Total PC 21 Effluent Transmission Main		-	-	-	2,842	-	2,842	2,003	-	-	7,688
PC 24 Aliso Creek Ocean Outfall											
5415-000	PC 24 Miscellaneous Engineering Outfall (2020)	846	-	-	1,253	60	1,212	3,372	-	947	7,690
5416-000	PC 24 Access Road Easement Drawing	(241)	-	-	(357)	(17)	(345)	(961)	-	(270)	(2,192)
Total PC 24 Aliso Creek Outfall		605	-	-	896	43	866	2,411	-	677	5,498
Total Non Capital Miscellaneous Cash		15,825	814	35,221	18,129	942	3,709	109,171	28,670	52,223	270,681

**South Orange County Wastewater Authority
Total Small Capital Projects Billings for Q3 FY 2019-20**

		Small Capital Cash Balance as of March 31, 2020									
		16	17	18	19	20	21	22	23	24	Total
		CLB	CSC	CSJC	ETWD	EBSA	IRWD	MNWD	SMWD	SCWD	
PC 02 J B Latham											
Liquids											
2246-000	Primary Motor Operated Valves	-	-	(402)	-	-	-	(302)	(226)	(377)	(1,307)
2219-015	New Scum Pump and Controls	-	-	5,489	-	-	-	4,117	3,087	5,146	17,839
2219-021	Spare Vulcan or Grit Separator	-	-	(2,705)	-	-	-	(2,028)	(1,521)	(2,536)	(8,790)
2220-001	2 ISCO Samplers (between 3 PC's)	-	-	832	-	-	-	624	468	780	2,705
2220-002	Laboratory Equipment and Probe Replacements (between 3 P	-	-	4,615	-	-	-	3,461	2,596	4,326	14,998
2220-003	Motor Operated Valve Replacements	-	-	3,462	-	-	-	2,596	1,947	3,245	11,250
2220-004	Pump Overhaul - Replacements - RSP/Effluent/Bleach	-	-	(8,024)	-	-	-	(6,018)	(4,514)	(7,523)	(26,080)
2220-005	Exhaust fan replacements	-	-	2,308	-	-	-	1,731	1,298	2,163	7,500
2220-006	Effluent pump station gas line	-	-	3,462	-	-	-	2,596	1,947	3,245	11,250
2220-007	Replacement Check Valves	-	-	2,308	-	-	-	1,731	1,298	2,163	7,500
2220-008	9-side Raw Sewage Pump Rebuild	-	-	5,769	-	-	-	4,326	3,245	5,408	18,748
2220-009	Stock pri & sec flights and chain	-	-	2,307	-	-	-	1,730	1,298	2,163	7,498
2220-010	Replacement Grit Separator	-	-	2,463	-	-	-	1,847	1,385	2,309	8,005
2220-011	Sample processing station relocation project	-	-	(1,125)	-	-	-	(844)	(633)	(1,055)	(3,657)
2220-012	Roll-up and Double Door Replacements	-	-	4,100	-	-	-	3,075	2,306	3,844	13,325
2220-013	Aeration Diffuser Cleaning System	-	-	4,615	-	-	-	3,462	2,596	4,327	15,000
2220-014	HVAC Replacements	-	-	3,462	-	-	-	2,597	1,947	3,246	11,252
2220-034	Wemco Pump Model 16 X 16 I16K-SS-14	-	-	(3,737)	-	-	-	(2,803)	(2,102)	(3,503)	(12,145)
2220-035	Wemco Hydrosal Pump	-	-	(2,482)	-	-	-	(1,861)	(1,396)	(2,326)	(8,065)
Total Liquids		-	-	26,716	-	-	-	20,037	15,028	25,046	86,826
Common											
2219-041	JBL Wireless Project	-	-	33,423	-	-	-	24,584	25,127	26,865	110,000
2219-048	Agenda Preparation Software / Audio Visual Hardware	-	-	(40,825)	-	-	-	(30,029)	(30,692)	(32,815)	(134,361)
2219-022	Safety Equipment	-	-	(2,179)	-	-	-	(1,603)	(1,638)	(1,752)	(7,173)
2220-015	Safety Equipment	-	-	3,582	-	-	-	2,635	2,693	2,879	11,789
2220-016	Replacement sump pump	-	-	2,279	-	-	-	1,677	1,714	1,832	7,502
2220-017	Replacement Access Gate Operators	-	-	4,557	-	-	-	3,352	3,426	3,663	14,998
2220-018	Fixed Gas Detector Equipment	-	-	4,557	-	-	-	3,352	3,426	3,663	14,998
2220-019	Stanley Security Access Expansion 2019	-	-	3,418	-	-	-	2,514	2,570	2,748	11,250
2220-020	Two Utility Vehicles	-	-	14,813	-	-	-	10,895	11,136	11,906	48,750
2220-021	Replacement Air Compressor	-	-	(646)	-	-	-	(475)	(485)	(519)	(2,125)
2220-022	Gate Operator	-	-	4,011	-	-	-	2,950	3,015	3,224	13,200
2220-023	Lighting System Improvements	-	-	3,418	-	-	-	2,514	2,570	2,748	11,250
Total PC 2 Common		-	-	30,408	-	-	-	22,367	22,861	24,442	100,078
Solids											
2219-035	Spare Cogen Parts	-	-	(10,833)	-	-	-	(7,808)	(10,248)	(7,222)	(36,111)
2219-039	Centrifuge Rebuild	-	-	15,000	-	-	-	10,811	14,189	10,000	50,000
2220-024	Digester valves	-	-	13,500	-	-	-	9,730	12,770	9,000	45,000
2220-025	Replacement Recirc Pump	-	-	2,363	-	-	-	1,703	2,235	1,575	7,877
2220-026	Replacement Pumps - Ferric/RAS/Recirculation	-	-	2,250	-	-	-	1,622	2,128	1,500	7,500
2220-027	Replacement Valves	-	-	(1,280)	-	-	-	(922)	(1,211)	(853)	(4,266)
2220-028	Pump Overhaul - Replacements - Primary/Secondary RAS-WA	-	-	(722)	-	-	-	(520)	(683)	(481)	(2,406)
2220-029	Centrifuge Support Equipment	-	-	(1,878)	-	-	-	(1,353)	(1,776)	(1,252)	(6,258)
2220-030	Replacement Seepex pump	-	-	6,750	-	-	-	4,865	6,385	4,500	22,500
2220-031	Centrifuge Rebuild	-	-	11,250	-	-	-	8,108	10,642	7,500	37,500
2220-036	Install 2 inch and 1 inch Gas Line	-	-	(2,981)	-	-	-	(2,148)	(2,820)	(1,987)	(9,936)
Total PC 2 Solids		-	-	33,420	-	-	-	24,086	31,613	22,280	111,399
Total PC2 JB Latham		-	-	90,544	-	-	-	66,490	69,502	71,768	298,303
PC 05 San Juan Creek Ocean Outfall											
2620-001	Fecal Incubator Replacement (between 5 and 24)	-	343	229	-	-	-	320	915	257	2,064
Total PC05 SJ Creek Outfall		-	343	229	-	-	-	320	915	257	2,064
PC 15 Coastal Treatment Plant											
Liquids											
2568-000	Valves	7,582	-	-	-	597	-	5,851	-	5,970	20,000
2519-006	Commercial Door	(7,845)	-	-	-	(618)	-	(6,053)	-	(6,177)	(20,693)
2219-021	Spare Vulcan or Grit Separator	(1,957)	-	-	-	(154)	-	(1,510)	-	(1,541)	(5,163)
2220-001	2 ISCO Samplers (between 3 PC's)	510	-	-	-	40	-	393	-	401	1,344
2220-002	Laboratory Equipment and Probe Replacements (between 3 P	(768)	-	-	-	(60)	-	(593)	-	(605)	(2,026)
2520-003	Replacement Scrubber Water Softener	2,844	-	-	-	224	-	2,195	-	2,239	7,502
2520-004	Pump Overhaul/Replacements	1,774	-	-	-	140	-	1,369	-	1,397	4,680
2520-005	Replacement Grit Auger	17,060	-	-	-	1,343	-	13,164	-	13,433	45,000
2520-006	Replacement Scum Pumps	21,325	-	-	-	1,679	-	16,455	-	16,791	56,250
2520-007	Chain and Flights	4,265	-	-	-	336	-	3,291	-	3,358	11,250
2520-008	Drive Overhaul/Replacements	4,265	-	-	-	336	-	3,291	-	3,358	11,250
2520-009	Process water pump replacment	2,843	-	-	-	224	-	2,194	-	2,239	7,500
2520-010	Headworks Building Recoating	7,108	-	-	-	560	-	5,485	-	5,597	18,750
2520-011	Valves	7,108	-	-	-	560	-	5,485	-	5,597	18,750
2520-012	Aeration Panel Replacement	5,687	-	-	-	448	-	4,388	-	4,478	15,000
2520-013	Ventilation Fan Replacement	17,060	-	-	-	1,343	-	13,165	-	13,433	45,002
2520-014	Roll-up and Double Door Replacements	12,793	-	-	-	1,007	-	9,872	-	10,073	33,746
2520-015	Grinding Pump Replacement	7,107	-	-	-	560	-	5,484	-	5,596	18,746
2573-000	Headwork Ventilation Fans	(18,197)	-	-	-	(1,433)	-	(14,042)	-	(14,328)	(48,000)
Total PC 15 Liquids		90,564	-	-	-	7,131	-	69,884	-	71,310	238,888
Common											
2580-000	Safety Equipment	5,219	-	-	-	411	-	4,027	-	4,109	13,766
2520-016	Safety Equipment	(1,717)	-	-	-	(135)	-	(1,325)	-	(1,352)	(4,529)
2520-017	HVAC Replacements	8,531	-	-	-	672	-	6,583	-	6,717	22,502
2520-018	Stanley Security Access Expansion 2019	4,264	-	-	-	336	-	3,290	-	3,358	11,248
2520-019	Landscape renovation	11,372	-	-	-	895	-	8,776	-	8,955	29,998
2520-020	Microscope	1,706	-	-	-	134	-	1,316	-	1,343	4,500
2520-021	Additional Parameter Fencing and Gates	2,843	-	-	-	224	-	2,194	-	2,239	7,500
2520-022	Fixed Gas Detector Equipment	5,687	-	-	-	448	-	4,389	-	4,478	15,002
2520-027	Tractor	(29,475)	-	-	-	(2,321)	-	(22,745)	-	(23,209)	(77,750)
Total PC 15 Common		8,430	-	-	-	664	-	6,505	-	6,638	22,237

**South Orange County Wastewater Authority
Total Small Capital Projects Billings for Q3 FY 2019-20**

		Small Capital Cash Balance as of March 31, 2020									
		16	17	18	19	20	21	22	23	24	Total
		CLB	CSC	CSJC	ETWD	EBSB	IRWD	MNWD	SMWD	SCWD	
AWT											
2520-023	Spare Bleach Pump	-	-	-	-	-	-	-	-	7,500	7,500
2520-024	Replacement Analyzer Equipment	-	-	-	-	-	-	-	-	15,000	15,000
2520-025	AWT Bleach Pump Pad Cover	-	-	-	-	-	-	-	-	7,500	7,500
Total PC 15 AWT		-	-	-	-	-	-	-	-	30,000	30,000
Total PC 15 Coastal Treatment Plant		98,994	-	-	-	7,795	-	76,389	-	107,948	291,125
PC 17 Joint Regional Wastewater Reclamation											
Liquids											
2219-021	Spare Vulcan or Grit Separator	-	-	-	-	-	-	(5,163)	-	-	(5,163)
2220-001	2 ISCO Samplers (between 3 PC's)	-	-	-	-	-	-	2,705	-	-	2,705
2220-002	Laboratory Equipment and Probe Replacements (between 3 P	-	-	-	-	-	-	(2,028)	-	-	(2,028)
2720-003	Interstage #2 Pump and Motor Rebuild	-	-	-	-	-	-	30,000	-	-	30,000
2720-004	RAS #24 Pump and Motor Rebuild	-	-	-	-	-	-	10,500	-	-	10,500
2720-005	RAS #4 Pump and Motor Rebuild	-	-	-	-	-	-	13,500	-	-	13,500
2720-006	RAS #6 Pump and Motor Rebuild	-	-	-	-	-	-	13,500	-	-	13,500
2720-007	RAS #66 Pump and Motor Rebuild	-	-	-	-	-	-	13,500	-	-	13,500
2720-008	Replacement Recirc Pump	-	-	-	-	-	-	11,250	-	-	11,250
2720-009	Check Valves	-	-	-	-	-	-	(14,824)	-	-	(14,824)
2720-010	Replacement Hydrogritter	-	-	-	-	-	-	56,250	-	-	56,250
2720-011	3LP Strainer Replacement Project	-	-	-	-	-	-	22,500	-	-	22,500
2720-012	Primary Tank Chain Drives	-	-	-	-	-	-	(3,319)	-	-	(3,319)
2720-013	Headworks Roll Up Door Replacement	-	-	-	-	-	-	33,750	-	-	33,750
2720-031	Primary Sludge Spare Pump	-	-	-	-	-	-	(19,662)	-	-	(19,662)
Total PC 17 Liquids		-	-	-	-	-	-	162,460	-	-	162,460
Common											
2720-014	Slip Line Storm Water Line	5,643	-	-	9,234	297	-	70,316	-	4,510	90,000
2720-015	Safety Equipment	1,411	-	-	2,309	74	-	17,585	-	1,128	22,508
2720-016	Shop Modernization - Phase 2	705	-	-	1,154	37	-	8,790	-	564	11,250
Total PC 17 Common		7,760	-	-	12,698	408	-	96,691	-	6,201	123,758
Solids											
2720-017	Centrifuge Conveyor rehab	(1,285)	-	-	(2,338)	(68)	-	(6,738)	-	(1,026)	(11,455)
2720-018	Engine PLC-CEMS Project	3,366	-	-	6,123	177	-	17,646	-	2,688	30,000
2720-019	Check Valves	1,262	-	-	2,295	66	-	6,615	-	1,008	11,246
2720-020	Recirculation Pump	1,262	-	-	2,295	66	-	6,615	-	1,008	11,246
2720-021	Centrifuge Rebuild	2,525	-	-	4,592	133	-	13,235	-	2,016	22,500
2720-022	Scrubber 3 Drain Replacement	1,683	-	-	3,062	89	-	8,824	-	1,344	15,002
2720-023	Building Lighting Upgrades	3,787	-	-	6,888	199	-	19,851	-	3,024	33,748
2720-024	Flame Arrestor	(748)	-	-	(1,360)	(39)	-	(3,920)	-	(597)	(6,664)
2720-028	SET Sump Pump Replacement	(1,894)	-	-	(3,446)	(100)	-	(9,930)	-	(1,513)	(16,883)
2720-033	Bldg #40 Replacement Doors	(2,598)	-	-	(4,727)	(137)	-	(13,622)	-	(2,075)	(23,158)
Total PC 17 Solids		7,358	-	-	13,385	387	-	38,576	-	5,876	65,582
AWT											
2720-025	Spare Bleach Pump Parts	-	-	-	-	-	-	(5,216)	-	-	(5,216)
2720-026	Backwash Sand Interceptor Tank Project	-	-	-	-	-	-	7,500	-	-	7,500
2720-027	Bleach Tank Flange Rehab	-	-	-	-	-	-	7,500	-	-	7,500
2720-030	Instrument Air Compressor Replacement	-	-	-	-	-	-	(5,963)	-	-	(5,963)
2720-032	AWT Backwash Pumps	-	-	-	-	-	-	(8,386)	-	-	(8,386)
Total PC 17 AWT		-	-	-	-	-	-	(4,565)	-	-	(4,565)
Total PC 17 Joint Regional Wastewater Reclamation		15,118	-	-	26,083	795	-	293,161	-	12,078	347,235
PC 24 Aliso Creek Ocean Outfall											
2620-001	Fecal Incubator Replacement (between 5 and 24)	227	-	-	336	16	325	905	-	254	2,064
Total PC 24 Aliso Creek Outfall		227	-	-	336	16	325	905	-	254	2,064
Total Small Capital Cash		114,339	343	90,772	26,419	8,606	325	437,265	70,416	192,304	940,790