



South Orange County Wastewater Authority

Fiscal Year 2018-19 Budget

Approved June 15, 2018



Photo by: James Jones



June 15, 2018

**Annual Operating Expenses & Capital Budget
Fiscal Year 2018-19**

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FY 2018-19 Budget

Transmittal Letter – June 15, 2018

Honorable Chairperson and Board of Directors:

Enclosed is the Proposed Fiscal Year 2018-19 Budget for the South Orange County Wastewater Authority, which includes:

- Operations and Maintenance projected spending 2018-19 for approval of the Board with five years of additional detail prepared for future planning purposes through 2022-23.
- Capital Improvements projected spending 2018-19 for approval of the Board with one year of additional detail prepared for future planning purposes through 2019-20 (2 Years).

The Authority's 2017-2018 Accomplishments are:

- Organizational
 - JBL CWEA Plant of the Year (Medium)
 - JBL SARBS Plant of the Year (Medium)
 - Bob Kalberg, SARBS Silver Operator of the Year
 - Consistent with April-2017 Strategic Priorities:
 - Board review of SOCWA Maintenance Program
 - CIP Process Presentation
 - Improved General Fund Approach
 - Open Discussions on PC 2 Future Flows
 - Implemented Tier III of Retirement Medical for New Employees
 - Response to 2 Major Storm Events Jan/Feb 2017
 - Updated Investment Policy for Public Funds
 - Responsive to Joint Legislative Audit Committee
 - Completed State Audit conducted over a 9-month period and implemented the following recommendations:
 - Preparation of Cash Roll Forward to June 30, 2017
 - Updated Public Records Act Policy
 - New Policy for the Selection of Auditor Services
 - Board Agreement to reduce ETWD and IRWD PC 12 participation
 - General Counsel Recruitment
 - General Manager invited to the Board of CSRMA
- Financial
 - Continued Improvements to Financial System
 - Timely Completion of Annual Financial Audit
 - Internal Preparation of Financial Statements
 - Automated within Financial System:
 - i. Member Agency Billings with Project Level Detail
 - ii. Monthly reporting of Cash by Member Agency, Project Committee and Capital Projects
 - Use Audit presented FY June 30, 2017 ending

- Continued monthly financial reporting
 - Additional review of projected Unfunded Accrued Liability (UAL) and discussion of strategies for allocation to Member Agencies
 - Project underway to assess and allocate Unfunded Liabilities, including PERS and OPEB
 - Fully Responsive to State Auditors
 - New Policy for Correction of Internal Control Deficiencies
 - Completed Valuations and Recorded \$48 million in Assets, including Land, Buildings and Infrastructure
 - Presentation of Cash Roll Forward to June 30, 2016
- Keeping our Engine Running Smoothly
- Staff Hiring and Development
 - Hiring well qualified individuals as a part of overall succession plan to allow for successful retirements and transition of knowledge to highly capable individuals
 - i. Processed 5 retirements
 - ii. Promoted from within 9 employees to increasing positions of responsibility and of those 7 were based on certification advancements to meet SOCWA needs for qualified O&M personnel
 - iii. Hired 12 employees
 - iv. Completed all required Supervisor Trainings
 - v. Continuing Success of Safety Program
 - Upgraded Use of Tabware & Staff Training
 - SCADA Software Upgraded JBL and CTP
 - Continued Technology Committee
 - Begin Improvements to Employee 457 Plan
 - Completed Site Security Evaluations with OC Sheriff
 - Participation in WEROC and OC EOC for emergency preparedness programs
 - Participation in Water Utility Safety Managers Association and So. OC Safety Specialists for OSHA & Cal-OSHA compliance
- Meeting our Commitment to Environmental Compliance
- Continuing work with Regional Water Board on renewal for the Outfall NPDES Permits
 - Continuing work with Regional Water Board on Salt and Nutrient Management Plan and inclusion of implementation for Triennial Basin Plan Amendment
 - Continuing work with Regional Water Board on renewal for the San Diego Region Master Recycled Permit
 - Continuing training on improved HachWIMS data collection and reporting
 - CWEA P3S Sponsorship Team support; Team Awards Facility of the Year Award Inspection Team
 - NACWA active member (SOCWA Pretreatment Program Staff Katie Greenwood) Cynthia Finley Roundtable Leaders; & Breakout session Region 9
 - Participation in SCAP Air Quality Committee, IRWM for South Orange County & San Diego Funding Area Participation, SCAP response to ELAP regulatory changes, CASA Regulatory Workgroup (SOCWA Staff Serving as Chair, Amber Baylor), Coalition of Accredited Labs for advocacy on ELAP regulatory changes

- Substantial Progress on Capital Improvements
 - JBL Facility Improvements A & C Completed \$18.9 million
 - Substantially completed major work of RTP CoGen & Switchgear \$11.5 million project
 - Completed RTP Misc. Improvements 2016 \$1.5 million project
 - Outfall Dilution Study completed
 - Substantially completed major work - CTP Misc. Improvements 2017 \$1.5 million project
 - JBL Package B in Design \$1.5 million awarded in contract value
 - ETM Reach D Trail Bridge in Design \$350K in contract value
- Continuing Operational Success
 - Continued hiring, training and promotions of Operator staff positioning SOCWA to maintain full quality operations as retirements occur, including appointment of the new Chief Operator at CTP
 - Completed additional Site Security Improvements
 - Small Internal Capital Program within Annual Budget
 - O&M within Annual Budget
 - Initiated Monthly reporting of Major Repairs
 - Successful onboarding 10 new employees in O&M
 - Replaced 2 retiring Chief Plant Operators from within SOCWA
 - Participation on the Board of SCAP (SOCWA Staff, Jim Burror)

The Authority's Key Initiatives for fiscal year 2018-19 include:

- Continue to provide high quality clean water service to the communities serviced by the SOCWA Member Agencies
- Work with new General Counsel to begin Workshops to modernize JPA, PC Agreements to better meet current and future Member Agency needs
- Complete all State Audit Requirements
 - Address Allocation of Unfunded Liabilities, PERS and OPEB in Agreements
- Continue work on SOCWA's Capital Improvement future:
 - Reaching directional decisions on Master Plans for CTP, RTP and JBL
 - Accomplish Pilot Asset Register Projects JBL and RTP
 - Accomplish RTP Underground Utility Mapping Project
 - Complete Design work now underway for RTP and JBL
 - Start construction of CTP Sludge Force Main Replacement
 - Conduct Biosolids Innovation RFP
 - Continue PC 2 Meetings to determine Future JBL Plant Usage
- Continue work to Resolve PC 15 Capital contributions in alignment with PC and JPA agreements
- Continue Operations Improvements:
 - Track Changes in Regulation Impacting Biosolids Disposal Options
 - Focus on upward trend in operational efficiency through additional SCADA and technology improvements
 - Ensure Plant and Employee readiness to be emergency responsive
 - Continue to gain advancements in O&M, including CoGen Engine Operation and Maintenance
 - Actively transition retirees and new employees to allow time to gain from knowledge transfers
- Continuing Administration Improvements:
 - Focus on administrative cost allocation by tracking time to Project Committee work.
 - Consider efficiency systems such as technology to streamline preparation of agendas/minutes
- Continuing Industry Participations: NACWA, CASA, SCAP

The Authority's staff continue to set strong and aggressive objectives and as demonstrated in 2017-18, the group is highly skilled and dedicated to ensuring that the Authority continues to move forward in providing quality and timely services at a fair cost to our member agencies.

SOCWA's fiscal year 2018-19 budget will increase by \$1.2 million or 5.9% primarily due to:

- Payroll Inflation, 3% Merit and 3,8% COLA (Cost of Living per MOU Agreement)

The Authority will experience a decrease in the fringe rate to 72% due to eliminated savings for OPEB obligations pending the outcome of Member Agency decisions on allocation of unfunded liabilities.

The coming fiscal year will continue to require attention to areas such as the management of lower flows but an increase in solids at all plants. As well, the staff will continue working with member agencies interested in an increase in the availability of recycled water.

SOCWA is requesting the Board of Directors to adopt the FY 2018-19 Budget.

Sincerely,
Betty Burnett
General Manager

**South Orange County Wastewater Authority
Total Budget by Member Agency
(SOCWA Total Cost Base/All Costs)**

	FY 2015-16 Actual	FY 2016-17 Actual	Change %	FY 2017-18 Budget	Change %	FY 2018-19 Budget	Change %
Budget by Member Agency							
City of Laguna Beach	1,927,334	1,984,598	3.0%	2,161,172	8.9%	2,410,414	11.5%
City of San Clemente	96,253	135,201	40.5%	150,828	11.6%	173,864	15.3%
City of San Juan Capistrano	1,868,009	1,995,575	6.8%	1,841,226	-7.7%	2,142,692	16.4%
El Toro Water District	731,459	728,928	-0.3%	910,427	24.9%	926,650	1.8%
Emerald Bay Service District	85,067	81,796	-3.8%	123,058	50.4%	154,266	25.4%
Irvine Ranch Water District	127,723	147,885	15.8%	217,242	46.9%	229,296	5.5%
Moulton Niguel Water District	8,393,893	8,275,402	-1.4%	8,929,537	7.9%	9,359,055	4.8%
Santa Margarita Water District	1,808,872	2,064,755	14.1%	2,410,815	16.8%	2,282,511	-5.3%
South Coast Water District	3,317,016	3,491,792	5.3%	3,607,691	3.3%	3,892,644	7.9%
Trabuco Canyon Water District	20,940	22,776	8.8%	64,200	181.9%	43,582	-32.1%
Total Budget by Member Agency	18,376,566	18,928,708	3.0%	20,416,195	7.9%	21,614,975	5.9%

In Comparison to SOCWA's FY 2017-18 Budget, FY 2018-19 will increase by \$1.2 million or 5.9% primarily due to:

- Payroll Inflation, 3% Merit and 3.8% COLA (Cost of Living per MOU Agreement) and applicable fringe benefits, \$436 thousand.
- Increased facility maintenance costs, \$667 thousand.
- Percent changes for some agencies are driven by the change in General Fund costs as recommended by the Finance Committee.

**South Orange County Wastewater Authority
5-Year Total Budget by Member Agency
(SOCWA Total Cost Base/All Costs)**

	FY 2015-16	FY 2016-17	Change	FY 2017-18	Change	FY 2018-19	Change	FY 2019-20	Change	FY 2020-21	Change	FY 2021-22	Change	FY 2022-23	Change
	Actual	Actual	%	Budget	%	Budget	%	Budget	%	Budget	%	Budget	%	Budget	%
Budget by Member Agency															
City of Laguna Beach	1,927,334	1,984,598	3.0%	2,161,172	8.9%	2,410,414	11.5%	2,436,755	1.1%	2,513,390	3.1%	2,644,679	5.2%	2,744,765	3.8%
City of San Clemente	96,253	135,201	40.5%	150,828	11.6%	173,864	15.3%	165,814	-4.6%	165,389	-0.3%	171,403	3.6%	177,249	3.4%
City of San Juan Capistrano	1,868,009	1,995,575	6.8%	1,841,226	-7.7%	2,142,692	16.4%	2,207,460	3.0%	2,247,909	1.8%	2,338,429	4.0%	2,429,395	3.9%
El Toro Water District	731,459	728,928	-0.3%	910,427	24.9%	926,650	1.8%	927,526	0.1%	944,395	1.8%	988,706	4.7%	1,012,975	2.5%
Emerald Bay Service District	85,067	81,796	-3.8%	123,058	50.4%	154,266	25.4%	154,297	0.0%	149,643	-3.0%	156,813	4.8%	163,071	4.0%
Irvine Ranch Water District	127,723	147,885	15.8%	217,242	46.9%	229,296	5.5%	220,461	-3.9%	219,089	-0.6%	226,798	3.5%	234,066	3.2%
Moulton Niguel Water District	8,393,893	8,275,402	-1.4%	8,929,537	7.9%	9,359,055	4.8%	9,450,603	1.0%	9,730,564	3.0%	10,163,485	4.4%	10,506,663	3.4%
Santa Margarita Water District	1,808,872	2,064,755	14.1%	2,410,815	16.8%	2,282,511	-5.3%	2,341,195	2.6%	2,344,930	0.2%	2,436,000	3.9%	2,528,935	3.8%
South Coast Water District	3,317,016	3,491,792	5.3%	3,607,691	3.3%	3,892,644	7.9%	3,974,370	2.1%	4,070,967	2.4%	4,258,312	4.6%	4,422,992	3.9%
Trabuco Canyon Water District	20,940	22,776	8.8%	64,200	181.9%	43,582	-32.1%	43,091	-1.1%	25,727	-40.3%	26,774	4.1%	27,824	3.9%
Total Budget by Member Agency	18,376,566	18,928,708	3.0%	20,416,195	7.9%	21,614,975	5.9%	21,921,571	1.4%	22,412,004	2.2%	23,411,399	4.5%	24,247,936	3.6%

South Orange County Wastewater Authority

5-Year Budget by Member Agency including details of Administration, Residual Engineering and General Fund Allocation

	FY 2015-16	FY 2016-17	Change	FY 2017-18	Change	FY 2018-19	Change	FY 2019-20	Change	FY 2020-21	Change	FY 2021-22	Change	FY 2022-23	Change %
	Actual	Actual	%	Budget	%	Budget	%	Budget	%	Budget	%	Budget	%	Budget	Change %
O&M & Environmental, Safety Expenses															
City of Laguna Beach	1,704,854	1,739,148	2.0%	1,906,260	9.6%	2,087,216	9.5%	2,108,300	1.0%	2,190,552	3.9%	2,304,968	5.2%	2,402,068	4.2%
City of San Clemente	86,209	118,480	37.4%	102,548	-13.4%	127,596	24.4%	120,768	-5.4%	124,336	3.0%	128,656	3.5%	133,360	3.7%
City of San Juan Capistrano	1,673,090	1,748,767	4.5%	1,619,200	-7.4%	1,849,432	14.2%	1,904,968	3.0%	1,954,352	2.6%	2,032,540	4.0%	2,120,332	4.3%
El Toro Water District	655,134	638,776	-2.5%	784,072	22.7%	782,788	-0.2%	783,096	0.0%	806,016	2.9%	843,788	4.7%	867,464	2.8%
Emerald Bay Service District	76,191	71,680	-5.9%	77,632	8.3%	83,364	7.4%	84,284	1.1%	87,516	3.8%	91,860	5.0%	95,708	4.2%
Irvine Ranch Water District	114,396	129,595	13.3%	162,136	25.1%	163,416	0.8%	156,092	-4.5%	160,708	3.0%	166,024	3.3%	171,624	3.4%
Moulton Niguel Water District	7,518,023	7,251,921	-3.5%	7,978,944	10.0%	8,231,992	3.2%	8,301,700	0.8%	8,588,892	3.5%	8,969,588	4.4%	9,311,184	3.8%
Santa Margarita Water District	1,620,123	1,809,391	11.7%	2,130,244	17.7%	1,973,616	-7.4%	2,023,560	2.5%	2,040,672	0.8%	2,119,336	3.9%	2,209,256	4.2%
South Coast Water District	2,970,898	3,059,936	3.0%	3,204,100	4.7%	3,376,868	5.4%	3,445,540	2.0%	3,553,524	3.1%	3,716,576	4.6%	3,876,328	4.3%
Trabuco Canyon Water District	18,755	19,959	6.4%	24,824	24.4%	25,296	1.9%	25,076	-0.9%	11,484	-54.2%	11,908	3.7%	12,364	3.8%
Total O&M Budget	16,437,673	16,587,653	0.9%	17,989,960	8.5%	18,701,584	4.0%	18,953,384	1.3%	19,518,052	3.0%	20,385,244	4.4%	21,199,688	4.0%

Member Agency Administration and Residual Engineering Expenses Allocation Percentages

City of Laguna Beach	10.4%	10.5%	10.6%	11.2%	11.1%	11.2%	11.3%	11.3%
City of San Clemente	0.5%	0.7%	0.6%	0.7%	0.6%	0.6%	0.6%	0.6%
City of San Juan Capistrano	10.2%	10.5%	9.0%	9.9%	10.1%	10.0%	10.0%	10.0%
El Toro Water District	4.0%	3.9%	4.4%	4.2%	4.1%	4.1%	4.1%	4.1%
Emerald Bay Service District	0.5%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%
Irvine Ranch Water District	0.7%	0.8%	0.9%	0.9%	0.8%	0.8%	0.8%	0.8%
Moulton Niguel Water District	45.7%	43.7%	44.4%	44.0%	43.8%	44.0%	44.0%	43.9%
Santa Margarita Water District	9.9%	10.9%	11.8%	10.6%	10.7%	10.5%	10.4%	10.4%
South Coast Water District	18.1%	18.4%	17.8%	18.1%	18.2%	18.2%	18.2%	18.3%
Trabuco Canyon Water District	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
Total Allocation Percentages	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Residual Engineering Expenses	199,826	344,018	365,926	457,455	479,230	502,270	526,081	551,296
Administration Expenses	1,715,207	1,997,037	2,060,310	2,455,935	2,488,958	2,391,683	2,500,074	2,614,362
Less General Fund			(365,323)	(558,757)	(548,068)	(474,322)	(495,329)	(517,422)
Total Administration and Residual Engineering Expenses	1,915,033	2,341,055	2,060,913	2,354,633	2,420,119	2,419,630	2,530,826	2,648,236

State Revolving Loan (Laguna Beach)	23,860
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South Orange County Wastewater Authority

5-Year Budget by Member Agency including details of Administration, Residual Engineering and General Fund Allocation

	FY 2015-16	FY 2016-17	Change	FY 2017-18	Change	FY 2018-19	Change	FY 2019-20	Change	FY 2020-21	Change	FY 2021-22	Change	FY 2022-23	Change %
	Actual	Actual	%	Budget	%	Budget	%	Budget	%	Budget	%	Budget	%	Budget	%
Member Agency Administration and Residual Engineering Expenses and Percent Change Year over Year															
City of Laguna Beach	198,620	245,450	23.6%	218,379	-11.0%	262,792	20.3%	269,205	2.4%	271,560	0.9%	286,162	5.4%	286,760	0.2%
City of San Clemente	10,044	16,721	66.5%	11,748	-29.7%	16,065	36.7%	15,421	-4.0%	15,414	0.0%	15,973	3.6%	15,921	-0.3%
City of San Juan Capistrano	194,919	246,808	26.6%	185,494	-24.8%	232,854	25.5%	243,241	4.5%	242,279	-0.4%	252,340	4.2%	253,126	0.3%
El Toro Water District	76,325	90,152	18.1%	89,823	-0.4%	98,557	9.7%	99,992	1.5%	99,921	-0.1%	104,756	4.8%	103,558	-1.1%
Emerald Bay Service District	8,876	10,116	14.0%	8,893	-12.1%	10,496	18.0%	10,762	2.5%	10,849	0.8%	11,404	5.1%	11,426	0.2%
Irvine Ranch Water District	13,327	18,290	37.2%	18,574	1.6%	20,575	10.8%	19,931	-3.1%	19,923	0.0%	20,612	3.5%	20,489	-0.6%
Moulton Niguel Water District	875,870	1,023,481	16.9%	914,060	-10.7%	1,036,454	13.4%	1,060,027	2.3%	1,064,755	0.4%	1,113,573	4.6%	1,111,572	-0.2%
Santa Margarita Water District	188,749	255,364	35.3%	244,039	-4.4%	248,489	1.8%	258,384	4.0%	252,980	-2.1%	263,115	4.0%	263,742	0.2%
South Coast Water District	346,118	431,856	24.8%	367,059	-15.0%	425,166	15.8%	439,954	3.5%	440,526	0.1%	461,413	4.7%	462,757	0.3%
Trabuco Canyon Water District	2,185	2,817	28.9%	2,844	1.0%	3,185	12.0%	3,202	0.5%	1,424	-55.5%	1,478	3.8%	1,476	-0.2%
Total Administration and Residual Engineering Expenses	1,915,033	2,341,055	22.2%	2,060,913	-12.0%	2,354,633	14.3%	2,420,119	2.8%	2,419,630	0.0%	2,530,826	4.6%	2,530,826	0.0%

Member Agency General Fund Expenses and Member Agencies Distribution Percentages															
City of Laguna Beach				36,532	10.0%	60,406	10.8%	59,251	10.8%	51,278	10.8%	53,549	10.8%	55,937	10.8%
City of San Clemente				36,532	10.0%	30,203	5.4%	29,625	5.4%	25,639	5.4%	26,775	5.4%	27,969	5.4%
City of San Juan Capistrano				36,532	10.0%	60,406	10.8%	59,251	10.8%	51,278	10.8%	53,549	10.8%	55,937	10.8%
El Toro Water District				36,532	10.0%	45,305	8.1%	44,438	8.1%	38,459	8.1%	40,162	8.1%	41,953	8.1%
Emerald Bay Service District				36,532	10.0%	60,406	10.8%	59,251	10.8%	51,278	10.8%	53,549	10.8%	55,937	10.8%
Irvine Ranch Water District				36,532	10.0%	45,305	8.1%	44,438	8.1%	38,459	8.1%	40,162	8.1%	41,953	8.1%
Moulton Niguel Water District				36,532	10.0%	90,609	16.2%	88,876	16.2%	76,917	16.2%	80,324	16.2%	83,906	16.2%
Santa Margarita Water District				36,532	10.0%	60,406	10.8%	59,251	10.8%	51,278	10.8%	53,549	10.8%	55,937	10.8%
South Coast Water District				36,532	10.0%	90,609	16.2%	88,876	16.2%	76,917	16.2%	80,324	16.2%	83,906	16.2%
Trabuco Canyon Water District				36,532	10.0%	15,102	2.7%	14,813	2.7%	12,820	2.7%	13,387	2.7%	13,984	2.7%
Total Member Agency				365,323	100.0%	558,757	100.0%	548,068	100.0%	474,322	100.0%	495,329	100.0%	517,422	100.0%

*Member Agency Administration, Residual Engineering and General Fund Expenses and Percent Change Year over Year															
City of Laguna Beach	198,620	245,450	23.6%	254,912	3.9%	323,198	26.8%	328,455	1.6%	322,838	-1.7%	339,711	5.2%	342,697	0.9%
City of San Clemente	10,044	16,721	66.5%	48,280	188.7%	46,268	-4.2%	45,046	-2.6%	41,053	-8.9%	42,747	4.1%	43,889	2.7%
City of San Juan Capistrano	194,919	246,808	26.6%	222,026	-10.0%	293,260	32.1%	302,492	3.1%	293,557	-3.0%	305,889	4.2%	309,063	1.0%
El Toro Water District	76,325	90,152	18.1%	126,355	40.2%	143,862	13.9%	144,430	0.4%	138,379	-4.2%	144,918	4.7%	145,511	0.4%
Emerald Bay Service District	8,876	10,116	14.0%	45,426	349.0%	70,902	56.1%	70,013	-1.3%	62,127	-11.3%	64,953	4.5%	67,363	3.7%
Irvine Ranch Water District	13,327	18,290	37.2%	55,106	201.3%	65,880	19.5%	64,369	-2.3%	58,381	-9.3%	60,774	4.1%	62,442	2.7%
Moulton Niguel Water District	875,870	1,023,481	16.9%	950,593	-7.1%	1,127,063	18.6%	1,148,903	1.9%	1,141,672	-0.6%	1,193,897	4.6%	1,195,479	0.1%
Santa Margarita Water District	188,749	255,364	35.3%	280,571	9.9%	308,895	10.1%	317,635	2.8%	304,258	-4.2%	316,664	4.1%	319,679	1.0%
South Coast Water District	346,118	431,856	24.8%	403,591	-6.5%	515,776	27.8%	528,830	2.5%	517,443	-2.2%	541,736	4.7%	546,664	0.9%
Trabuco Canyon Water District	2,185	2,817	28.9%	39,376	1297.9%	18,286	-53.6%	18,015	-1.5%	14,243	-20.9%	14,866	4.4%	15,460	4.0%
Total Member Agency	1,915,033	2,341,055	22.2%	2,426,235	3.6%	2,913,391	20.1%	2,968,187	1.9%	2,893,952	-2.5%	3,026,155	4.6%	3,048,248	0.7%

South Orange County Wastewater Authority
5-Year Budget by Member Agency including details of Administration, Residual Engineering and General Fund Allocation

	FY 2015-16	FY 2016-17	Change	FY 2017-18	Change	FY 2018-19	Change	FY 2019-20	Change	FY 2020-21	Change	FY 2021-22	Change	FY 2022-23	Change %
	Actual	Actual	%	Budget	%	Budget	%	Budget	%	Budget	%	Budget	%	Budget	
Total O&M Budget by Member Agency, O&M, Administration, Residual Engineering and General Fund and Percent Change Year over Year															
City of Laguna Beach	1,927,334	1,984,598	3.0%	2,161,172	8.9%	2,410,414	11.5%	2,436,755	1.1%	2,513,390	3.1%	2,644,679	5.2%	2,744,765	3.8%
City of San Clemente	96,253	135,201	40.5%	150,828	11.6%	173,864	15.3%	165,814	-4.6%	165,389	-0.3%	171,403	3.6%	177,249	3.4%
City of San Juan Capistrano	1,868,009	1,995,575	6.8%	1,841,226	-7.7%	2,142,692	16.4%	2,207,460	3.0%	2,247,909	1.8%	2,338,429	4.0%	2,429,395	3.9%
El Toro Water District	731,459	728,928	-0.3%	910,427	24.9%	926,650	1.8%	927,526	0.1%	944,395	1.8%	988,706	4.7%	1,012,975	2.5%
Emerald Bay Service District	85,067	81,796	-3.8%	123,058	50.4%	154,266	25.4%	154,297	0.0%	149,643	-3.0%	156,813	4.8%	163,071	4.0%
Irvine Ranch Water District	127,723	147,885	15.8%	217,242	46.9%	229,296	5.5%	220,461	-3.9%	219,089	-0.6%	226,798	3.5%	234,066	3.2%
Moulton Niguel Water District	8,393,893	8,275,402	-1.4%	8,929,537	7.9%	9,359,055	4.8%	9,450,603	1.0%	9,730,564	3.0%	10,163,485	4.4%	10,506,663	3.4%
Santa Margarita Water District	1,808,872	2,064,755	14.1%	2,410,815	16.8%	2,282,511	-5.3%	2,341,195	2.6%	2,344,930	0.2%	2,436,000	3.9%	2,528,935	3.8%
South Coast Water District	3,317,016	3,491,792	5.3%	3,607,691	3.3%	3,892,644	7.9%	3,974,370	2.1%	4,070,967	2.4%	4,258,312	4.6%	4,422,992	3.9%
Trabuco Canyon Water District	20,940	22,776	8.8%	64,200	181.9%	43,582	-32.1%	43,091	-1.1%	25,727	-40.3%	26,774	4.1%	27,824	3.9%
Total O&M Budget	18,376,566	18,928,708	3.0%	20,416,195	7.9%	21,614,975	5.9%	21,921,571	1.4%	22,412,004	2.2%	23,411,399	4.5%	24,247,936	3.6%

*Member Agency Administration, Residual Engineering and General Fund expenses are distributed to Project Committees on page 25.

**South Orange County Wastewater Authority
5-Year Total Cost Base
Cost Drivers Prioritized by Major Expenditures
(SOCWA Total Cost Base)**

	FY 2015-16 Actual	Mix %	FY 2016-17 Actual	Mix %	FY 2017-18 Budget	Mix %	FY 2018-19 Budget	Mix %	FY 2019-20 Budget	Mix %	FY 2020-21 Budget	Mix %	FY 2021-22 Budget	Mix %	FY 2022-23 Budget	Mix %	Total 5 Years	5 Year Mix %
Payroll Costs Including Fringe Benefits	9,042,308	49.2%	9,721,033	51.4%	10,159,040	49.8%	10,594,825	49.0%	11,049,406	50.4%	11,508,189	51.3%	12,188,670	52.1%	12,880,210	53.1%	58,221,300	51.2%
Chemicals	1,447,564	7.9%	1,346,942	7.1%	1,607,004	7.9%	1,580,028	7.3%	1,629,000	7.4%	1,681,000	7.5%	1,731,012	7.4%	1,784,016	7.4%	8,405,056	7.4%
Utilities	1,413,498	7.7%	1,663,111	8.8%	1,755,532	8.6%	1,273,500	5.9%	1,306,516	6.0%	1,343,500	6.0%	1,378,516	5.9%	1,416,504	5.8%	6,718,536	5.9%
Biosolids Hauling and Disposal	1,477,697	8.0%	1,481,192	7.8%	1,541,004	7.5%	1,639,008	7.6%	1,589,000	7.2%	1,616,000	7.2%	1,651,000	7.1%	1,710,000	7.1%	8,205,008	7.2%
Maintenance - Equip. & Facilities	1,250,933	6.8%	1,111,952	5.9%	1,546,024	7.6%	2,213,012	10.2%	2,279,252	10.4%	2,347,268	10.5%	2,418,260	10.3%	2,492,260	10.3%	11,750,052	10.3%
IT	880,295	4.8%	540,228	2.9%	670,169	3.3%	617,096	2.9%	629,031	2.9%	632,049	2.8%	644,223	2.8%	656,641	2.7%	3,179,039	2.8%
Environmental & Safety	876,242	4.8%	1,038,291	5.5%	1,142,828	5.6%	1,105,476	5.1%	1,019,576	4.7%	1,035,240	4.6%	1,039,976	4.4%	1,059,924	4.4%	5,260,192	4.6%
Engineering Misc	318,296	1.7%	103,825	0.5%	392,500	1.9%	175,004	0.8%	172,508	0.8%	172,508	0.8%	172,508	0.7%	172,508	0.7%	865,036	0.8%
Management Support Services	295,528	1.6%	312,617	1.7%	241,524	1.2%	345,932	1.6%	446,612	2.0%	333,264	1.5%	340,361	1.5%	343,524	1.4%	1,809,693	1.6%
IT Direct			296,159	1.6%														
Contract Services - Misc	286,078	1.6%	212,138	1.1%	287,000	1.4%	379,948	1.8%	391,035	1.8%	404,144	1.8%	416,230	1.8%	429,343	1.8%	2,020,701	1.8%
Audit & Legal	233,694	1.3%	264,840	1.4%	137,208	0.7%	317,000	1.5%	251,848	1.1%	251,848	1.1%	261,139	1.1%	265,958	1.1%	1,347,793	1.2%
Facilities	208,757	1.1%	238,640	1.3%	288,020	1.4%	292,020	1.4%	300,988	1.4%	313,004	1.4%	321,996	1.4%	334,004	1.4%	1,562,012	1.4%
Insurance	144,644	0.8%	160,201	0.8%	211,752	1.0%	183,124	0.8%	196,100	0.9%	207,048	0.9%	219,888	0.9%	233,200	1.0%	1,039,360	0.9%
Grit Hauling	141,376	0.8%	120,131	0.6%	122,004	0.6%	134,004	0.6%	139,004	0.6%	145,004	0.6%	150,000	0.6%	155,000	0.6%	723,012	0.6%
Engineering transfer to Capital	(410,229)	-2.2%	(297,239)	-1.6%	(448,173)	-2.2%	(374,357)	-1.7%	(397,156)	-1.8%	(419,297)	-1.9%	(442,673)	-1.9%	(467,352)	-1.9%	(2,100,836)	-1.8%
Other Miscellaneous	769,885	4.2%	614,646	3.2%	762,760	3.7%	1,139,355	5.3%	918,852	4.2%	841,236	3.8%	920,292	3.9%	782,196	3.2%	4,601,931	4.1%
Total SOCWA Cost Base	18,376,566	100.0%	18,928,708	100.0%	20,416,195	100.0%	21,614,975	100.0%	21,921,571	100.0%	22,412,004	100.0%	23,411,399	100.0%	24,247,936	100.0%	113,607,885	100.0%

Cost Drivers	17,002,361	17,319,190	19,055,625	19,543,881	20,120,900	20,669,018	21,564,526	22,515,586	104,413,912
% Total Cost Base	92.5%	91.5%	93.3%	90.4%	91.8%	92.2%	92.1%	92.9%	91.9%

Over 90% of SOCWA's Cost Base (Total Costs) are in the above highlighted group.

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*The above capital costs are allocated to member agencies based on project committees' agreement.

June 15, 2018

**Budget Assumptions
South Orange County Wastewater Authority
Fiscal Year 2018-19**

Fiscal Year 2018-19 with projections through 2022-23, 5 Years

1. The consolidated operations budget is divided into “Functional Departments”
 - a) Operations
 - b) Engineering (Capital and Non-Capital)
 - c) Environmental Compliance and Safety
 - d) Information Technology (IT)
 - e) Administration
 - f) General Fund (shown individually and as a part of Administration)

2. The FY Budget establishes the Board approved allocations used for the purpose of collecting the O&M and Capital deposits from Member Agencies. After the close of the fiscal year the Use Audit is prepared and the approved allocations are then adjusted to reflect actual labor time spent, actual liquids and solids treated, or actual purpose of the expense accumulated (if incurred for a single agency or group of agencies that is less than a full PC group) (“Actual Expenses”). Actual Expenses will be included in the fiscal year use audit to determine under/over payments by member agencies.

3. Each Department Manager provided:
 - a) Headcount requirements for the 5-year budget period, inclusive of new hires, retirements, promotions, succession planning, etc. The staffing plan takes into account known and anticipated retirements, and costs for labor are projected based on filling open positions in operations with entry level staff unless vacancies occur earlier than projected. In that event, SOCWA may need to hire experienced staff at more mid-level pay scales and in turn may experience higher labor costs than planned.

 - b) Total Full Time Equivalent FY 2017-18 is ~~65~~ 64 positions. In FY 2017-18 four positions (4) were added to address needs in SCADA systems, accounting, analyst (not hired) and administration (funded for 1 year). For FY 2018-19 administration will continue as FTE and analyst position is eliminated. Operations will add 1 FTE mechanic due to overlap in training needed for planned retirements in FY 2019-20 for a total of 64 positions in 2018-19. In FY 2019-20 total positions will return to 62 due to 2 O&M department retirements.

- c) Other expenses (Non-Labor), including new initiatives:
 - i. Engineering budget for investigation of Asset Management Program options
 - ii. Environmental compliance budget for Tri-Annual California Bight Ocean Monitoring and Testing \$81,630
 - iii. Completion of Cost of Use Study
 - iv. Outfall Tie in Cost Study
- 4. Operations and Environmental Compliance and Safety budgets were built at the Project Committee level.
 - a) Payroll costs were allocated to Project Committees based on future projections of where each individual employee would work. Individual employees support multiple Project Committees/Work Sites; therefore, percentages were used to allocate time by project committee.
 - b) Non-labor costs are based on prior actuals, contractual agreements, expected inflation increases, current year run rates and projected impacts from capital projects.
- 5. Engineering costs were split between Capital projects and Administration and other Non-Capital Engineering work based on how the department spends time.
- 6. In addition to liquid flow rates, solids loading, and common costs (typically shared equally between liquids and solids), labor time spent (as actually occurred in 2017-18 FY) is used to calculate some expense allocations to agencies. As an example, O&M labor expended for work on Co-Gen engines at JBL and RTP during 2017-18 will be reduced due to the completion of the construction and labor hours are projected for the budget as shifting to perform O&M on the liquids side of the plants due to the planned construction in 2018-19.

Projected Operational Cost changes are based on:

- a) Flows and loads based on results of FY end 2017 use audit with the exception of PC2 (JBL) solids which will be based on the past 3-year average (as directed by PC 2 in April, 2017) and agreement between SMWD and MNWD to continue flow for MNWD from Oso-Trabuco line at 1.4 mgd.
- b) CPUC projected rate increases are used to calculate most utility cost changes, and for CoGen engine operations actual operating results will be used as the basis for projected for electricity and natural gas costs.
- c) Cogen engine maintenance costs will be increased to match cost of manufacturer recommended maintenance.
- d) Inflation will be assumed at 3% for electricity, chemicals, fuels and petroleum products.
- e) Other non-labor expenses will be inflated at 2%.

- f) Long-term contract rates will be used for contracted supplies and services.
 - g) Fuel increases are based on contractual agreements and current run rates.
7. Payroll costs include salaries and wages plus fringe benefits.
- a) For purposes of applying salary adjustments pursuant to Section 4 Compensation (C) of the Memorandum of Understanding between the South Orange County Wastewater Authority and the SOCWA Employee Association, SOCWA will be utilizing the Los Angeles-Long Beach-Anaheim CPI-U Index published by the Bureau of Labor Statistics of the United States Department of Labor as that is the closest index to the one that was referenced in the MOU (“Los Angeles-Riverside-Orange County”). This change is necessitated by the Bureau of Labor Statistics removal of Riverside from the prior index. Riverside will now have its own separate index. Since SOCWA is in Orange County, the index reflects CPI in a portion of Orange County. Labor inflation based on this CPI will result in a 3.8% Cost of Living Adjustment (COLA) in July for all employees. The 2018-19 Salary Range Summary, Job Classification Salary Schedule and Organizational Chart are added to the Employee Association MOU (2017-2020) and Employee Manual by Resolutions 2018-05 and 2018-06 respectively and are incorporated here by reference.
 - b) An average 3% merit increase for all employees
 - c) PERS retirement was calculated using the CalPERS provided “Employer Normal Cost Rate”, 10.609%, 9.409% and 6.842%, which is applied to Payroll dollars.
 - d) PERS unfunded liability (UAL) will be provided by CalPERS for Tier 1, Tier 2 and Tier 3 plans.
 - e) Retiree Health (PARS) savings, was will continue at \$250,000 (10-year level pay approach), and is included in the fringe benefit rate.
 - f) Retiree Health “Pay-AS-YOU GO” premiums are based on actual individual current rates provided by CalPERS plus 2% for the out years. The employer co-pay will continue under the current MOU at 95% for all plans.
 - g) Medicare tax, holiday, vacation, sick and personal time were calculated based on the individual employee earning rate.
 - h) Group medical insurance is based on actual individual current rates and the Employer co-pay will continue under the current MOU at 95% for all plans.
 - i) PERS Medical insurance increases were offset by benefit change to 95%. Standard increases beyond 2019 are projected at 10%.
 - j) Budgeted fringe benefit rate is 75.4%, which includes costs of accrued leave, group insurances (medical, disability, retiree health), PERS, PARS savings, and other paid benefits (unemployment, workers’ compensation, bereavement pay)



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- k) Pay for time worked rate is 89% (Direct labor Utilization net of PTO, paid time off) and is projected based on actuals as of December 2017.
- 8. Administration expenses are a part of the O&M costs of each agency and are detailed in the Budget document for the purposes of allowing member agencies to track administrative costs and evaluate trends in administrative expenses. Administration expenses (net of General Fund) and other "Consolidated" expenses are applied to Member Agencies based on a Total Cost Input (Cost identified to a Project Committee and in some cases a member agency). Extraordinary and one-time O&M expenses having no administrative impact (examples: intermittent spikes in chemical or electrical costs or emergency labor), are deducted from the Total Cost Input base. This is a FAR (Federal Acquisition Regulation) methodology. This approach was confirmed appropriate by outside engineering/financial review of Carollo Engineering in FY '15/'16. This approach assigns administrative costs to the agency incurring the cost.
 - a) Insurance costs are projected at:
 - i. CSRMA general liability 5-10% and other: Property 10-15%, Liability (PLP) 5% and Commercial Crime 5%.
 - ii. Workers' Compensations estimated 10% increase.
 - b) Training budgets are expected to increase due to new employee needs (SOCWA is now 30% with 5 years or less experience due to retirements).
 - c) In FY 2018-19 the General Manager and administrative assistants will track time spent on project committee or agency specific work and at the close of the fiscal year cost will be allocated with the Use Audit to the relevant project committee.
- 9. The General Fund Budget will be allocated in accordance with the approach agreed to by the Board of Directors for the FY 2017-18 Budget as to the costs selected to be shared from the Administration Costs into the General Fund and in like percentages as determined by policy of the Board in FY 2017-18. However, the Distribution to the Member Agencies in FY 2018-19 will be shared on an unequal basis using percentages approved by the Board of Directors and reflective of the number of project committee participations. General Fund Expenses are added back to Administration for the purposes of tracking costs and showing total Administration by agency and project committee. Historically, General Fund expenses are estimated to cover costs of Board Meetings and staff costs of compliance with legally required JPA reporting and filing requirements (Form 700, Annual JPA Statements, etc.).
- 10. The following 14 points approved by the Board from the Allocation Working Group are continued in the FY 2018-19 Budget:
 - a) The budget funds continuous metering of flows upstream of the JBL Plant from the OSO Trabuco and San Juan sewer trunk lines
 - b) Permit fees for the Pretreatment Program are levied as a fixed charge and allocated to the PC 8 Budget



South Orange County Wastewater Authority
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- c) For PC 5 and 24 engineering costs are allocated based on ownership capacity.
- d) Individual agencies will pay Director meeting attendance fees either through SOCWA or directly to their participating director
- e) Engineering studies will continue to address future capital and capacity needs of the treatment plants
- f) JBL Effluent Pump Station (EPS) costs will be placed in PC 2 liquids ownership category
- g) Continue PC 2 and 15 water use allocations: 30% from solids to liquids for PC 2, 70% from common into liquids PC 15
- h) Continue PC 15 and 17 bleach use allocations: 4% from liquids to AWT for PC 15, track system changes for PC 15 and 17
- i) Continue PC 2 and 17 odor control allocations: 39% from solids to liquids for PC 2, 42.1% from liquids to solids for PC 17
- j) Continue PC 17 Ferric Chloride allocations: 40% from liquids to solids
- k) Continue PC 15 and 17 Polymer allocations: 57% from AWT to liquids for PC 15 and 17.8% from liquids and AWT to solids for PC 17
- l) Continue certain PC 24 costs as fixed costs: engineering misc., legal, off-shore monitoring, inspections/port cleaning and misc. equipment.
- m) PC 2SO (12) excludes ETWD and IRWD.

General Approval Information:

All Budgets since inception reflect the costs of direct use and costs allocated by capacity ownership for capital improvements, repairs and replacements necessary to operate within legal compliance requirements and accepted industry standards.

The signature authority levels authorized for expending the FY 2017-18 budget are in conformity with SOCWA's Uniform Purchasing Policy and Procedures, policy number, 6.2015.01, as approved by the Board on March 5, 2015 and as revised for clarification on December 28, 2017.

The Board acknowledges the above Budget assumptions as a part of the Budget preparation. Staff is authorized to contract for services, acquire supplies and pay vendors and expenses within the Functional Departments and Project Committees. Staff is authorized to follow the Budget and expend the amounts therein stated consistent with the Uniform Purchasing Policies and Procedures.



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**South Orange County Wastewater Authority
Summary of Cost Allocation Approaches by Project Committee**

	<i>O&M Costs¹ - Variable</i>	<i>O&M Costs¹ – Fixed</i>	<i>Capital Costs</i>
PC 2SO Water Reclamation Permits	Total costs are split 50/50 between fixed and variable. Allocated proportionally to each PC member based on non-potable water production and projections.	Total costs are split 50/50 between fixed and variable. Divided equally between each PC member.	Not applicable
PC 2 Jay B. Latham Plant	Per PC agreement, liquid-related costs allocated based on each PC member’s average flow of prior fiscal year to plant. However, in practice, allocation is based on prior calendar year instead. Solids- related costs allocated based on PC member’s average solid loadings at plant during same period as liquid cost allocation.	Allocated to each PC member by dividing total common costs equally between liquids and solids capacities, and allocating to each PC member on basis of liquid treatment capacity ownership and solids handling capacity ownership.	For facilities or equipment with a service life equal to or greater than 5 years, or a value in excess of \$1,000, costs are allocated on the basis of liquid treatment capacity ownership and/or solids treatment capacity ownership as may be applicable.
PC 3A SOCWA Plant	For liquid treatment, costs are allocated based on PC member contribution of liquids based on measured flow data. For solids treatment, costs are allocated based on PC member contribution of solids loadings based on measured flow data and sewage strength. For AWT facility, costs are allocated 100% to MNWD based upon sole ownership of facility.	Allocated to each PC member based on individual ownership percentage. For AWT facility, costs are allocated 100% to MNWD based upon sole ownership of facility.	For capital costs greater than \$20,000, costs are allocated to PC members based on ownership percentages. (Agreement is silent on amounts less than \$20,000, but allocation approach is the same, per SOCWA practices.) For AWT facility, costs are allocated 100% to MNWD based upon sole ownership of facility.
PC 5 San Juan Creek Ocean Outfall	Per PC agreement, allocated to PC members based on average annual flows, however in practice, calculated as 95% of the total variable cost times the average outfall flows. ¹⁶	Allocated to PC member based on ownership via multiplication of total common costs by ownership percentage.	Allocated to PC member based on percentage ownership.

	<i>O&M Costs¹ - Variable</i>	<i>O&M Costs¹ – Fixed</i>	<i>Capital Costs</i>
PC 15 Coastal Treatment Plant	Allocated to PC member based on liquid flows to plant using flow data. For AWT, allocated 100% to SCWD based on sole ownership of facility.	Allocated to PC member based on PC member ownership. For AWT, allocated 100% to SCWD based on sole ownership of facility.	Allocated to PC members based upon capacity ownership. For AWT, allocated 100% to SCWD based on sole ownership of facility.
PC 17 SOCWA Regional Treatment Plant	Liquid treatment costs allocated to PC member based on measured influent. Solids treatment costs allocated to PC member based on 1) proportional solids loading from prior year, and 2) amount of solids requiring thickening sent from Coastal Treatment Plant. For AWT, allocated 100% to MNWD based on sole ownership of facility.	Not applicable. For AWT, allocated 100% to MNWD based on sole ownership of facility.	Allocated among PC members based upon percentage of liquids, solids and common ownership in plant. For AWT, allocated 100% to MNWD based on sole ownership of facility.
PC 21 Effluent Transmission Main Reach B/C/D	Not applicable.	Allocated to each PC member based on percentage of ownership.	Allocated to PC member based on percentage of ownership.
PC 21 Effluent Transmission Main Reach E	Not applicable.	Allocated to each PC member based on percentage of ownership.	Allocated to PC member based on percentage of ownership.
PC 23 North Coastal Interceptor	Agreement silent on cost allocation method. Currently, all cost allocations are made by City of Laguna Beach and provided to SOCWA for budget purposes.	Agreement silent on cost allocation method. Currently, all cost allocations are made by City of Laguna Beach and provided to SOCWA for budget purposes.	Agreement silent on cost allocation method. Currently, all cost allocations are made by City of Laguna Beach and provided to SOCWA for budget purposes.
PC 24 Aliso Creek Ocean Outfall	Per PC agreement, allocated to PC members based on average annual flows, however in practice, calculated as 95% of the total variable cost times the average outfall flows.	Allocated to PC member based on ownership via multiplication of total common costs by ownership percentage.	Allocated to PC member based on percentage ownership.
Pretreatment Program	Allocated based on percentage of staff time.	Shared equally among all member agencies.	Shared equally among all member agencies.

¹: Includes salaries/benefits, utilities, chemicals, outside services, and other expenses.

**South Orange County Wastewater Authority
Total 5-Year Labor Plan
(Payroll Costs in thousands)**

Headcount								
Department	FY 2015-16 Actual	FY 2016-17 Budget	FY 2017-18 Budget	FY 2018-19 Budget	FY 2019-20 Budget	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget
Operations	39	40	41	42	40	40	40	40
Engineering	3	3	3	3	3	3	3	3
Environmental Compliance & Safety	10	10	10	9	9	9	9	9
IT	1	1	1	1	1	1	1	1
Administration	7	7	9	9	9	9	9	8
Total	60	61	64	64	62	62	62	61
FY 2017-18 Budget	60	61	64	65	63	62	62	
Environmental Analyst Position not filled in FY 17/18, position was moved to Admin in FY 17/18 (funded 1 year); Admin added 1 Other FTE Position in FY 17/18.								

Payroll Costs				
3% Average Merit and 3.8% COLA (includes Fringe, Overtime & Comp Time)				
Department	FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Budget	FY 2018-19 Budget
Operations	5,978	6,200	6,224	6,418
Engineering	407	577	677	718
Environmental Compliance & Safety	1,327	1,531	1,576	1,576
Administration and IT	1,330	1,413	1,682	1,883
Total	9,042	9,721	10,159	10,595
% Change		7.5%	4.5%	4.3%

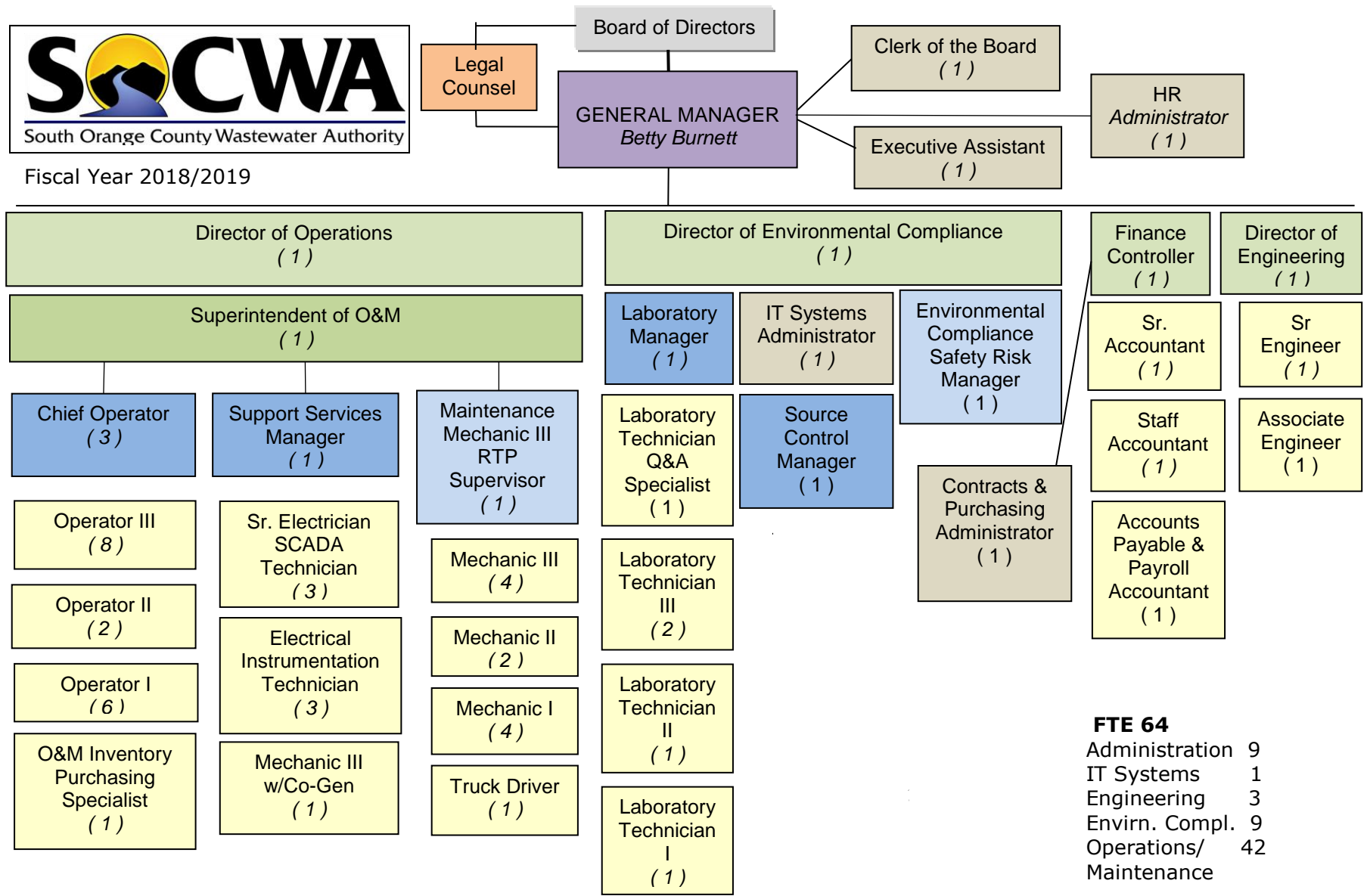
SOCWA Cost Base	18,377	18,929	20,416	21,615
Payroll Cost Content	49.2%	51.4%	49.8%	49.0%

**South Orange County Wastewater Authority
FY 18/19 thru FY 22/23 Fringe Benefits Forecast**

	FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Budget	FY 2017-18 Forecast	FY 2018-19 Budget	FY 2019-20 Budget	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget
457 Plan - Employer Contribution	13,821	83,925	85,000	85,000	85,000	85,000	85,000	85,000	85,000
Accrued Administrative Leave	34,879	30,478	21,622	22,000	25,114	26,669	28,319	30,072	31,934
Accrued Holiday	221,783	220,371	247,435	248,279	257,161	273,079	289,983	307,933	326,994
Accrued Personal Leave	74,238	76,638	84,288	85,000	90,895	96,521	102,496	108,841	115,578
Accrued Sick Pay	242,262	262,987	278,890	278,890	299,485	318,023	337,709	358,613	380,811
Accrued Vacation	372,526	416,343	409,536	409,536	391,291	415,512	441,232	468,544	497,547
Bereavement Pay	1,345	8,088	1,398	7,856	8,000	8,000	8,000	8,000	8,000
Disability Insurance - Private	51,728	56,122	59,307	57,534	58,373	59,540	60,731	61,945	63,184
Group Life Insurance > \$50,000 (taxable)	7,233	-	-	-	-	-	-	-	-
Group Medical Insurance	941,108	1,017,679	967,541	973,516	1,005,463	1,038,644	1,072,919	1,108,325	1,144,900
Medicare Tax - Employer	94,167	94,550	95,922	94,128	101,154	105,671	110,180	116,714	123,391
Pension Benefit in Excess of Cap	2,824	2,199	2,937	-	-	-	-	-	-
Retiree Health PARS Investment	500,000	504,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
Retiree Health Benefits	281,389	384,936	308,402	384,038	413,056	444,448	478,226	514,571	553,679
Retirement - PERS Normal Costs	517,823	500,175	609,905	513,873	581,590	631,356	713,220	755,877	799,409
Retirement - PERS Unfunded Liability	429,804	497,705	595,685	595,685	743,842	908,700	1,038,700	1,203,000	1,346,400
Unemployment Ins./Reimbursement	1,378	1,234	1,433	1,500	2,000	2,000	2,000	2,000	2,000
Workers Compensation Ins.	76,883	212,990	223,717	254,523	260,000	260,000	260,000	260,000	260,000
Total Budget Fringe Benefits Pool	3,865,192	4,370,418	4,243,018	4,261,357	4,322,424	4,923,163	5,278,716	5,639,435	5,988,826
					1.4%	13.9%	7.2%	6.8%	6.2%
Pay for Time Worked Labor Base(Regular Salaries)									
O&M	3,184,417	3,475,459	3,475,459	3,475,459	3,627,186	3,750,941	3,988,310	4,237,065	4,486,041
Environmental	815,299	895,840	895,840	895,840	883,205	937,034	989,274	1,044,426	1,102,600
Engineering including CIP Labor	305,422	388,651	388,651	388,651	417,610	443,042	467,742	493,819	521,349
Admin	695,744	871,373	871,373	871,373	985,352	1,045,360	989,444	1,044,606	1,102,843
IT	44,447	87,428	87,428	87,428	93,378	99,065	104,579	110,410	116,559
Total Pay for Time Worked Labor Base	4,976,917	5,045,329	5,718,751	5,718,751	6,006,731	6,275,442	6,539,350	6,930,325	7,329,392
Fringe Rate	78%	86.6%	74.2%	74.5%	72.0%	78.5%	80.7%	81.4%	81.7%



Fiscal Year 2018/2019



FTE 64
 Administration 9
 IT Systems 1
 Engineering 3
 Envirn. Compl. 9
 Operations/ 42
 Maintenance

**South Orange County Wastewater Authority
FY 2018-19 Budget by Project Committee and Member Agency**

	City of Laguna Beach	City of San Clemente	City of San Juan Capistrano	El Toro Water District	Emerald Bay Service District	Irvine Ranch Water District	Moulton Niguel Water District	Santa Margarita Water District	South Coast Water District	Trabuco Canyon Water District	Total
O&M by Project Committee and Member Agency											
PC 2 - Jay B. Latham Plant	-	-	1,721,128	-	-	-	1,233,424	1,673,548	1,473,588	-	6,101,688
PC 5 - San Juan Creek Ocean Outfall	-	110,548	94,372	-	-	-	92,284	180,776	77,984	-	555,964
PC 8 - Pretreatment Program	7,800	17,048	9,072	5,196	2,392	23,504	45,628	49,356	33,584	-	193,580
PC 12 SO- Water Reclamation Permits	-	-	24,860	-	-	-	63,140	69,936	27,648	25,296	210,880
PC 15 - Coastal Treatment Plant/AWT	1,474,496	-	-	-	59,596	-	273,656	-	1,340,860	-	3,148,608
PC 17 - Joint Regional Wastewater Reclamation	521,772	-	-	636,508	17,672	-	6,300,592	-	368,332	-	7,844,876
PC 21 Effluent Transmission Main	-	-	-	27,000	-	27,000	11,856	-	-	-	65,856
PC 24 - Aliso Creek Ocean Outfall	83,148	-	-	114,084	3,704	112,912	211,412	-	54,872	-	580,132
Total O&M by Project Committee and Member Agency	2,087,216	127,596	1,849,432	782,788	83,364	163,416	8,231,992	1,973,616	3,376,868	25,296	18,701,584

*Total Administration, General Fund and Residual Engineering Expenses by Member Agency (calculated page 7b)	323,198	46,268	293,260	143,862	70,902	65,880	1,127,063	308,895	515,776	18,286	2,913,391
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Administration, General Fund and Residual Engineering Expenses Allocation Percentages by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	93.1%	-	-	-	15.0%	84.8%	43.6%	-	32.6%
PC 5 - San Juan Creek Ocean Outfall	-	86.6%	5.1%	-	-	-	1.1%	9.2%	2.3%	-	3.0%
PC 8 - Pretreatment Program	0.4%	13.4%	0.5%	0.7%	2.9%	14.4%	0.6%	2.5%	1.0%	-	1.0%
PC 12 SO- Water Reclamation Permits	-	-	1.3%	0.0%	-	0.0%	0.8%	3.5%	0.8%	100.0%	1.1%
PC 15 - Coastal Treatment Plant/AWT	70.6%	-	-	-	71.5%	-	3.3%	-	39.7%	-	16.8%
PC 17 - Joint Regional Wastewater Reclamation	25.0%	-	-	81.3%	21.2%	-	76.5%	-	10.9%	-	41.9%
PC 21 Effluent Transmission Main	-	-	-	3.4%	-	16.5%	0.1%	-	-	-	0.4%
PC 24 - Aliso Creek Ocean Outfall	4.0%	-	-	14.6%	4.4%	69.1%	2.6%	-	1.6%	-	3.1%
Total Allocation %'s	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	272,915	-	-	-	168,871	261,931	225,073	-	928,790
PC 5 - San Juan Creek Ocean Outfall	-	40,086	14,964	-	-	-	12,635	28,294	11,911	-	107,890
PC 8 - Pretreatment Program	1,208	6,182	1,439	955	2,034	9,475	6,247	7,725	5,130	-	40,394
PC 12 SO- Water Reclamation Permits	-	-	3,942	-	-	-	8,645	10,946	4,223	18,286	46,042
PC 15 - Coastal Treatment Plant/AWT	228,321	-	-	-	50,687	-	37,467	-	204,800	-	521,275
PC 17 - Joint Regional Wastewater Reclamation	80,795	-	-	116,978	15,030	-	862,630	-	56,258	-	1,131,692
PC 21 Effluent Transmission Main	-	-	-	4,962	-	10,885	1,623	-	-	-	17,470
PC 24 - Aliso Creek Ocean Outfall	12,875	-	-	20,967	3,150	45,519	28,945	-	8,381	-	119,837
Total Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency	323,198	46,268	293,260	143,862	70,902	65,880	1,127,063	308,895	515,776	18,286	2,913,391

Total O&M Budget by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	1,994,043	-	-	-	1,402,295	1,935,479	1,698,661	-	7,030,478
PC 5 - San Juan Creek Ocean Outfall	-	150,634	109,336	-	-	-	104,919	209,070	89,895	-	663,854
PC 8 - Pretreatment Program	9,008	23,230	10,511	6,151	4,426	32,979	51,875	57,081	38,714	-	233,974
PC 12 SO- Water Reclamation Permits	-	-	28,802	-	-	-	71,785	80,882	31,871	43,582	256,922
PC 15 - Coastal Treatment Plant/AWT	1,702,817	-	-	-	110,283	-	311,123	-	1,545,660	-	3,669,883
PC 17 - Joint Regional Wastewater Reclamation	602,567	-	-	753,486	32,702	-	7,163,222	-	424,590	-	8,976,568
PC 21 Effluent Transmission Main	-	-	-	31,962	-	37,885	13,479	-	-	-	83,326
PC 24 - Aliso Creek Ocean Outfall	96,023	-	-	135,051	6,854	158,431	240,357	-	63,253	-	699,969
Total O&M Budget by Project Committee and Member Agency	2,410,414	173,864	2,142,692	926,650	154,266	229,296	9,359,055	2,282,511	3,892,644	43,582	21,614,975

*Member Agency Administration, Residual Engineering and General Fund expenses are distributed by Member Agency on page 7b.

**South Orange County Wastewater Authority
Q1 FY 2018-19 Budget by Project Committee and Member Agency**

	City of Laguna Beach	City of San Clemente	City of San Juan Capistrano	El Toro Water District	Emerald Bay Service District	Irvine Ranch Water District	Moulton Niguel Water District	Santa Margarita Water District	South Coast Water District	Trabuco Canyon Water District	Total
O&M by Project Committee and Member Agency											
PC 2 - Jay B. Latham Plant	-	-	430,282	-	-	-	308,356	418,387	368,397	-	1,525,422
PC 5 - San Juan Creek Ocean Outfall	-	27,637	23,593	-	-	-	23,071	45,194	19,496	-	138,991
PC 8 - Pretreatment Program	1,950	4,262	2,268	1,299	598	5,876	11,407	12,339	8,396	-	48,395
PC 12 SO- Water Reclamation Permits	-	-	6,215	-	-	-	15,785	17,484	6,912	6,324	52,720
PC 15 - Coastal Treatment Plant/AWT	368,624	-	-	-	14,899	-	68,414	-	335,215	-	787,152
PC 17 - Joint Regional Wastewater Reclamation	130,443	-	-	159,127	4,418	-	1,575,148	-	92,083	-	1,961,219
PC 21 Effluent Transmission Main	-	-	-	6,750	-	6,750	2,964	-	-	-	16,464
PC 24 - Aliso Creek Ocean Outfall	20,787	-	-	28,521	926	28,228	52,853	-	13,718	-	145,033
Total O&M by Project Committee and Member Agency	521,804	31,899	462,358	195,697	20,841	40,854	2,057,998	493,404	844,217	6,324	4,675,396

*Total Administration, General Fund and Residual Engineering Expenses by Member Agency (calculated page 7b)	80,800	11,567	73,315	35,965	17,726	16,470	281,766	77,224	128,944	4,572	728,348
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Administration, General Fund and Residual Engineering Expenses Allocation Percentages by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	93.1%	-	-	-	15.0%	84.8%	43.6%	-	32.6%
PC 5 - San Juan Creek Ocean Outfall	-	86.6%	5.1%	-	-	-	1.1%	9.2%	2.3%	-	3.0%
PC 8 - Pretreatment Program	0.4%	13.4%	0.5%	0.7%	2.9%	14.4%	0.6%	2.5%	1.0%	-	1.0%
PC 12 SO- Water Reclamation Permits	-	-	1.3%	0.0%	-	0.0%	0.8%	3.5%	0.8%	100.0%	1.1%
PC 15 - Coastal Treatment Plant/AWT	70.6%	-	-	-	71.5%	-	3.3%	-	39.7%	-	16.8%
PC 17 - Joint Regional Wastewater Reclamation	25.0%	-	-	81.3%	21.2%	-	76.5%	-	10.9%	-	41.9%
PC 21 Effluent Transmission Main	-	-	-	3.4%	-	16.5%	0.1%	-	-	-	0.4%
PC 24 - Aliso Creek Ocean Outfall	4.0%	-	-	14.6%	4.4%	69.1%	2.6%	-	1.6%	-	3.1%
Total Allocation %'s	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	68,229	-	-	-	42,218	65,483	56,268	-	232,198
PC 5 - San Juan Creek Ocean Outfall	-	10,022	3,741	-	-	-	3,159	7,073	2,978	-	26,973
PC 8 - Pretreatment Program	302	1,545	360	239	509	2,369	1,562	1,931	1,282	-	10,099
PC 12 SO- Water Reclamation Permits	-	-	985	-	-	-	2,161	2,736	1,056	4,572	11,510
PC 15 - Coastal Treatment Plant/AWT	57,080	-	-	-	12,672	-	9,367	-	51,200	-	130,319
PC 17 - Joint Regional Wastewater Reclamation	20,199	-	-	29,245	3,758	-	215,657	-	14,065	-	282,923
PC 21 Effluent Transmission Main	-	-	-	1,241	-	2,721	406	-	-	-	4,368
PC 24 - Aliso Creek Ocean Outfall	3,219	-	-	5,242	788	11,380	7,236	-	2,095	-	29,959
Total Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency	80,800	11,567	73,315	35,965	17,726	16,470	281,766	77,224	128,944	4,572	728,348

Total O&M Budget by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	498,511	-	-	-	350,574	483,870	424,665	-	1,757,620
PC 5 - San Juan Creek Ocean Outfall	-	37,659	27,334	-	-	-	26,230	52,267	22,474	-	165,964
PC 8 - Pretreatment Program	2,252	5,807	2,628	1,538	1,107	8,245	12,969	14,270	9,678	-	58,494
PC 12 SO- Water Reclamation Permits	-	-	7,200	-	-	-	17,946	20,220	7,968	10,896	64,230
PC 15 - Coastal Treatment Plant/AWT	425,704	-	-	-	27,571	-	77,781	-	386,415	-	917,471
PC 17 - Joint Regional Wastewater Reclamation	150,642	-	-	188,372	8,176	-	1,790,805	-	106,148	-	2,244,142
PC 21 Effluent Transmission Main	-	-	-	7,991	-	9,471	3,370	-	-	-	20,832
PC 24 - Aliso Creek Ocean Outfall	24,006	-	-	33,763	1,714	39,608	60,089	-	15,813	-	174,992
Total O&M Budget by Project Committee and Member Agency	602,604	43,466	535,673	231,662	38,567	57,324	2,339,764	570,628	973,161	10,896	5,403,744

*Member Agency Administration, Residual Engineering and General Fund expenses are distributed by Member Agency on page 7b.

**South Orange County Wastewater Authority
Q2 FY 2018-19 Budget by Project Committee and Member Agency**

	City of Laguna Beach	City of San Clemente	City of San Juan Capistrano	El Toro Water District	Emerald Bay Service District	Irvine Ranch Water District	Moulton Niguel Water District	Santa Margarita Water District	South Coast Water District	Trabuco Canyon Water District	Total
O&M by Project Committee and Member Agency											
PC 2 - Jay B. Latham Plant	-	-	430,282	-	-	-	308,356	418,387	368,397	-	1,525,422
PC 5 - San Juan Creek Ocean Outfall	-	27,637	23,593	-	-	-	23,071	45,194	19,496	-	138,991
PC 8 - Pretreatment Program	1,950	4,262	2,268	1,299	598	5,876	11,407	12,339	8,396	-	48,395
PC 12 SO- Water Reclamation Permits	-	-	6,215	-	-	-	15,785	17,484	6,912	6,324	52,720
PC 15 - Coastal Treatment Plant/AWT	368,624	-	-	-	14,899	-	68,414	-	335,215	-	787,152
PC 17 - Joint Regional Wastewater Reclamation	130,443	-	-	159,127	4,418	-	1,575,148	-	92,083	-	1,961,219
PC 21 Effluent Transmission Main	-	-	-	6,750	-	6,750	2,964	-	-	-	16,464
PC 24 - Aliso Creek Ocean Outfall	20,787	-	-	28,521	926	28,228	52,853	-	13,718	-	145,033
Total O&M by Project Committee and Member Agency	521,804	31,899	462,358	195,697	20,841	40,854	2,057,998	493,404	844,217	6,324	4,675,396

*Total Administration, General Fund and Residual Engineering Expenses by Member Agency (calculated page 7b)	80,800	11,567	73,315	35,965	17,726	16,470	281,766	77,224	128,944	4,572	728,348
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Administration, General Fund and Residual Engineering Expenses Allocation Percentages by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	93.1%	-	-	-	15.0%	84.8%	43.6%	-	32.6%
PC 5 - San Juan Creek Ocean Outfall	-	86.6%	5.1%	-	-	-	1.1%	9.2%	2.3%	-	3.0%
PC 8 - Pretreatment Program	0.4%	13.4%	0.5%	0.7%	2.9%	14.4%	0.6%	2.5%	1.0%	-	1.0%
PC 12 SO- Water Reclamation Permits	-	-	1.3%	0.0%	-	0.0%	0.8%	3.5%	0.8%	100.0%	1.1%
PC 15 - Coastal Treatment Plant/AWT	70.6%	-	-	-	71.5%	-	3.3%	-	39.7%	-	16.8%
PC 17 - Joint Regional Wastewater Reclamation	25.0%	-	-	81.3%	21.2%	-	76.5%	-	10.9%	-	41.9%
PC 21 Effluent Transmission Main	-	-	-	3.4%	-	16.5%	0.1%	-	-	-	0.4%
PC 24 - Aliso Creek Ocean Outfall	4.0%	-	-	14.6%	4.4%	69.1%	2.6%	-	1.6%	-	3.1%
Total Allocation %'s	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	68,229	-	-	-	42,218	65,483	56,268	-	232,198
PC 5 - San Juan Creek Ocean Outfall	-	10,022	3,741	-	-	-	3,159	7,073	2,978	-	26,973
PC 8 - Pretreatment Program	302	1,545	360	239	509	2,369	1,562	1,931	1,282	-	10,099
PC 12 SO- Water Reclamation Permits	-	-	985	-	-	-	2,161	2,736	1,056	4,572	11,510
PC 15 - Coastal Treatment Plant/AWT	57,080	-	-	-	12,672	-	9,367	-	51,200	-	130,319
PC 17 - Joint Regional Wastewater Reclamation	20,199	-	-	29,245	3,758	-	215,657	-	14,065	-	282,923
PC 21 Effluent Transmission Main	-	-	-	1,241	-	2,721	406	-	-	-	4,368
PC 24 - Aliso Creek Ocean Outfall	3,219	-	-	5,242	788	11,380	7,236	-	2,095	-	29,959
Total Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency	80,800	11,567	73,315	35,965	17,726	16,470	281,766	77,224	128,944	4,572	728,348

Total O&M Budget by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	498,511	-	-	-	350,574	483,870	424,665	-	1,757,620
PC 5 - San Juan Creek Ocean Outfall	-	37,659	27,334	-	-	-	26,230	52,267	22,474	-	165,964
PC 8 - Pretreatment Program	2,252	5,807	2,628	1,538	1,107	8,245	12,969	14,270	9,678	-	58,494
PC 12 SO- Water Reclamation Permits	-	-	7,200	-	-	-	17,946	20,220	7,968	10,896	64,230
PC 15 - Coastal Treatment Plant/AWT	425,704	-	-	-	27,571	-	77,781	-	386,415	-	917,471
PC 17 - Joint Regional Wastewater Reclamation	150,642	-	-	188,372	8,176	-	1,790,805	-	106,148	-	2,244,142
PC 21 Effluent Transmission Main	-	-	-	7,991	-	9,471	3,370	-	-	-	20,832
PC 24 - Aliso Creek Ocean Outfall	24,006	-	-	33,763	1,714	39,608	60,089	-	15,813	-	174,992
Total O&M Budget by Project Committee and Member Agency	602,604	43,466	535,673	231,662	38,567	57,324	2,339,764	570,628	973,161	10,896	5,403,744

*Member Agency Administration, Residual Engineering and General Fund expenses are distributed by Member Agency on page 7b.

**South Orange County Wastewater Authority
Q3 FY 2018-19 Budget by Project Committee and Member Agency**

	City of Laguna Beach	City of San Clemente	City of San Juan Capistrano	El Toro Water District	Emerald Bay Service District	Irvine Ranch Water District	Moulton Niguel Water District	Santa Margarita Water District	South Coast Water District	Trabuco Canyon Water District	Total
O&M by Project Committee and Member Agency											
PC 2 - Jay B. Latham Plant	-	-	430,282	-	-	-	308,356	418,387	368,397	-	1,525,422
PC 5 - San Juan Creek Ocean Outfall	-	27,637	23,593	-	-	-	23,071	45,194	19,496	-	138,991
PC 8 - Pretreatment Program	1,950	4,262	2,268	1,299	598	5,876	11,407	12,339	8,396	-	48,395
PC 12 SO- Water Reclamation Permits	-	-	6,215	-	-	-	15,785	17,484	6,912	6,324	52,720
PC 15 - Coastal Treatment Plant/AWT	368,624	-	-	-	14,899	-	68,414	-	335,215	-	787,152
PC 17 - Joint Regional Wastewater Reclamation	130,443	-	-	159,127	4,418	-	1,575,148	-	92,083	-	1,961,219
PC 21 Effluent Transmission Main	-	-	-	6,750	-	6,750	2,964	-	-	-	16,464
PC 24 - Aliso Creek Ocean Outfall	20,787	-	-	28,521	926	28,228	52,853	-	13,718	-	145,033
Total O&M by Project Committee and Member Agency	521,804	31,899	462,358	195,697	20,841	40,854	2,057,998	493,404	844,217	6,324	4,675,396

*Total Administration, General Fund and Residual Engineering Expenses by Member Agency (calculated page 7b)	80,800	11,567	73,315	35,965	17,726	16,470	281,766	77,224	128,944	4,572	728,348
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Administration, General Fund and Residual Engineering Expenses Allocation Percentages by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	93.1%	-	-	-	15.0%	84.8%	43.6%	-	32.6%
PC 5 - San Juan Creek Ocean Outfall	-	86.6%	5.1%	-	-	-	1.1%	9.2%	2.3%	-	3.0%
PC 8 - Pretreatment Program	0.4%	13.4%	0.5%	0.7%	2.9%	14.4%	0.6%	2.5%	1.0%	-	1.0%
PC 12 SO- Water Reclamation Permits	-	-	1.3%	0.0%	-	0.0%	0.8%	3.5%	0.8%	100.0%	1.1%
PC 15 - Coastal Treatment Plant/AWT	70.6%	-	-	-	71.5%	-	3.3%	-	39.7%	-	16.8%
PC 17 - Joint Regional Wastewater Reclamation	25.0%	-	-	81.3%	21.2%	-	76.5%	-	10.9%	-	41.9%
PC 21 Effluent Transmission Main	-	-	-	3.4%	-	16.5%	0.1%	-	-	-	0.4%
PC 24 - Aliso Creek Ocean Outfall	4.0%	-	-	14.6%	4.4%	69.1%	2.6%	-	1.6%	-	3.1%
Total Allocation %'s	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	68,229	-	-	-	42,218	65,483	56,268	-	232,198
PC 5 - San Juan Creek Ocean Outfall	-	10,022	3,741	-	-	-	3,159	7,073	2,978	-	26,973
PC 8 - Pretreatment Program	302	1,545	360	239	509	2,369	1,562	1,931	1,282	-	10,099
PC 12 SO- Water Reclamation Permits	-	-	985	-	-	-	2,161	2,736	1,056	4,572	11,510
PC 15 - Coastal Treatment Plant/AWT	57,080	-	-	-	12,672	-	9,367	-	51,200	-	130,319
PC 17 - Joint Regional Wastewater Reclamation	20,199	-	-	29,245	3,758	-	215,657	-	14,065	-	282,923
PC 21 Effluent Transmission Main	-	-	-	1,241	-	2,721	406	-	-	-	4,368
PC 24 - Aliso Creek Ocean Outfall	3,219	-	-	5,242	788	11,380	7,236	-	2,095	-	29,959
Total Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency	80,800	11,567	73,315	35,965	17,726	16,470	281,766	77,224	128,944	4,572	728,348

Total O&M Budget by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	498,511	-	-	-	350,574	483,870	424,665	-	1,757,620
PC 5 - San Juan Creek Ocean Outfall	-	37,659	27,334	-	-	-	26,230	52,267	22,474	-	165,964
PC 8 - Pretreatment Program	2,252	5,807	2,628	1,538	1,107	8,245	12,969	14,270	9,678	-	58,494
PC 12 SO- Water Reclamation Permits	-	-	7,200	-	-	-	17,946	20,220	7,968	10,896	64,230
PC 15 - Coastal Treatment Plant/AWT	425,704	-	-	-	27,571	-	77,781	-	386,415	-	917,471
PC 17 - Joint Regional Wastewater Reclamation	150,642	-	-	188,372	8,176	-	1,790,805	-	106,148	-	2,244,142
PC 21 Effluent Transmission Main	-	-	-	7,991	-	9,471	3,370	-	-	-	20,832
PC 24 - Aliso Creek Ocean Outfall	24,006	-	-	33,763	1,714	39,608	60,089	-	15,813	-	174,992
Total O&M Budget by Project Committee and Member Agency	602,604	43,466	535,673	231,662	38,567	57,324	2,339,764	570,628	973,161	10,896	5,403,744

*Member Agency Administration, Residual Engineering and General Fund expenses are distributed by Member Agency on page 7b.

**South Orange County Wastewater Authority
Q4 FY 2018-19 Budget by Project Committee and Member Agency**

	City of Laguna Beach	City of San Clemente	City of San Juan Capistrano	El Toro Water District	Emerald Bay Service District	Irvine Ranch Water District	Moulton Niguel Water District	Santa Margarita Water District	South Coast Water District	Trabuco Canyon Water District	Total
O&M by Project Committee and Member Agency											
PC 2 - Jay B. Latham Plant	-	-	430,282	-	-	-	308,356	418,387	368,397	-	1,525,422
PC 5 - San Juan Creek Ocean Outfall	-	27,637	23,593	-	-	-	23,071	45,194	19,496	-	138,991
PC 8 - Pretreatment Program	1,950	4,262	2,268	1,299	598	5,876	11,407	12,339	8,396	-	48,395
PC 12 SO- Water Reclamation Permits	-	-	6,215	-	-	-	15,785	17,484	6,912	6,324	52,720
PC 15 - Coastal Treatment Plant/AWT	368,624	-	-	-	14,899	-	68,414	-	335,215	-	787,152
PC 17 - Joint Regional Wastewater Reclamation	130,443	-	-	159,127	4,418	-	1,575,148	-	92,083	-	1,961,219
PC 21 Effluent Transmission Main	-	-	-	6,750	-	6,750	2,964	-	-	-	16,464
PC 24 - Aliso Creek Ocean Outfall	20,787	-	-	28,521	926	28,228	52,853	-	13,718	-	145,033
Total O&M by Project Committee and Member Agency	521,804	31,899	462,358	195,697	20,841	40,854	2,057,998	493,404	844,217	6,324	4,675,396

*Total Administration, General Fund and Residual Engineering Expenses by Member Agency (calculated page 7b)	80,800	11,567	73,315	35,965	17,726	16,470	281,766	77,224	128,944	4,572	728,348
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Administration, General Fund and Residual Engineering Expenses Allocation Percentages by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	93.1%	-	-	-	15.0%	84.8%	43.6%	-	32.6%
PC 5 - San Juan Creek Ocean Outfall	-	86.6%	5.1%	-	-	-	1.1%	9.2%	2.3%	-	3.0%
PC 8 - Pretreatment Program	0.4%	13.4%	0.5%	0.7%	2.9%	14.4%	0.6%	2.5%	1.0%	-	1.0%
PC 12 SO- Water Reclamation Permits	-	-	1.3%	0.0%	-	0.0%	0.8%	3.5%	0.8%	100.0%	1.1%
PC 15 - Coastal Treatment Plant/AWT	70.6%	-	-	-	71.5%	-	3.3%	-	39.7%	-	16.8%
PC 17 - Joint Regional Wastewater Reclamation	25.0%	-	-	81.3%	21.2%	-	76.5%	-	10.9%	-	41.9%
PC 21 Effluent Transmission Main	-	-	-	3.4%	-	16.5%	0.1%	-	-	-	0.4%
PC 24 - Aliso Creek Ocean Outfall	4.0%	-	-	14.6%	4.4%	69.1%	2.6%	-	1.6%	-	3.1%
Total Allocation %'s	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	68,229	-	-	-	42,218	65,483	56,268	-	232,198
PC 5 - San Juan Creek Ocean Outfall	-	10,022	3,741	-	-	-	3,159	7,073	2,978	-	26,973
PC 8 - Pretreatment Program	302	1,545	360	239	509	2,369	1,562	1,931	1,282	-	10,099
PC 12 SO- Water Reclamation Permits	-	-	985	-	-	-	2,161	2,736	1,056	4,572	11,510
PC 15 - Coastal Treatment Plant/AWT	57,080	-	-	-	12,672	-	9,367	-	51,200	-	130,319
PC 17 - Joint Regional Wastewater Reclamation	20,199	-	-	29,245	3,758	-	215,657	-	14,065	-	282,923
PC 21 Effluent Transmission Main	-	-	-	1,241	-	2,721	406	-	-	-	4,368
PC 24 - Aliso Creek Ocean Outfall	3,219	-	-	5,242	788	11,380	7,236	-	2,095	-	29,959
Total Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency	80,800	11,567	73,315	35,965	17,726	16,470	281,766	77,224	128,944	4,572	728,348

Total O&M Budget by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	498,511	-	-	-	350,574	483,870	424,665	-	1,757,620
PC 5 - San Juan Creek Ocean Outfall	-	37,659	27,334	-	-	-	26,230	52,267	22,474	-	165,964
PC 8 - Pretreatment Program	2,252	5,807	2,628	1,538	1,107	8,245	12,969	14,270	9,678	-	58,494
PC 12 SO- Water Reclamation Permits	-	-	7,200	-	-	-	17,946	20,220	7,968	10,896	64,230
PC 15 - Coastal Treatment Plant/AWT	425,704	-	-	-	27,571	-	77,781	-	386,415	-	917,471
PC 17 - Joint Regional Wastewater Reclamation	150,642	-	-	188,372	8,176	-	1,790,805	-	106,148	-	2,244,142
PC 21 Effluent Transmission Main	-	-	-	7,991	-	9,471	3,370	-	-	-	20,832
PC 24 - Aliso Creek Ocean Outfall	24,006	-	-	33,763	1,714	39,608	60,089	-	15,813	-	174,992
Total O&M Budget by Project Committee and Member Agency	602,604	43,466	535,673	231,662	38,567	57,324	2,339,764	570,628	973,161	10,896	5,403,744

*Member Agency Administration, Residual Engineering and General Fund expenses are distributed by Member Agency on page 7b.

**South Orange County Wastewater Authority
5-Year O & M & Environmental, Safety Departments Budget Summary
Line Item Detail**

		FY 2017-18 Budget	Change %	FY 2018-19 Budget	Change %	FY 2019-20 Budget	Change %	FY 2020-21 Budget	Change %	FY 2021-22 Budget	Change %	FY 2022-23 Budget	Change %	5 Year Total
Salary and Fringe														
5000--***	Regular Salaries-O&M	4,371,300	2.9%	4,510,404	3.2%	4,687,960	3.94%	4,977,556	6.18%	5,281,484	6.11%	5,588,680	5.82%	25,046,084
5001--***	Overtime Salaries-O&M	74,992	-5.2%	115,036	53.4%	118,472	2.99%	121,952	2.94%	125,468	2.88%	128,992	2.81%	609,920
5306--***	Scheduled Holiday Work	39,904	-21.3%	49,860	24.9%	51,444	3.18%	52,600	2.25%	56,820	8.02%	58,084	2.22%	268,808
5315--***	Comp Time - O&M	-	0.0%	1,828	0.0%	1,952	6.78%	2,100	7.58%	2,240	6.67%	2,404	7.32%	10,524
5401--***	Fringe Benefits IN to PC's & Depts.	3,243,512	7.5%	3,247,504	0.1%	3,375,360	3.94%	3,583,864	6.18%	3,802,676	6.11%	4,023,860	5.82%	18,033,264
5700--***	Standby Pay	69,996	-49.1%	69,292	-1.0%	69,292	0.00%	69,292	0.00%	69,292	0.00%	69,292	0.00%	346,460
	Total Payroll Costs	7,799,704	3.5%	7,993,924	2.5%	8,304,480	3.88%	8,807,364	6.06%	9,337,980	6.02%	9,871,312	5.71%	44,315,060
Other Expenses														
5002--***	Electricity	1,484,000	-18.0%	1,055,968	-28.8%	1,082,008	2.47%	1,110,000	2.59%	1,137,996	2.52%	1,166,996	2.55%	5,552,968
5003--***	Natural Gas	209,512	25.2%	148,532	-29.1%	153,504	3.35%	159,504	3.91%	164,520	3.14%	170,508	3.64%	796,568
5004--***	Potable & Reclaimed Water	62,008	4.7%	69,012	11.3%	71,004	2.89%	73,996	4.21%	76,000	2.71%	79,000	3.95%	369,012
5005--***	Co-generation Power Credit	(250,000)	-44.4%	(250,012)	0.0%	(263,000)	5.19%	(276,000)	4.94%	(289,000)	4.71%	(298,000)	3.11%	(1,376,012)
5006--***	Chlorine/Sodium Hypochlorite	478,000	-11.9%	489,012	2.3%	504,000	3.06%	520,000	3.17%	534,996	2.88%	551,996	3.18%	2,600,004
5007--***	Polymer Products	709,016	9.7%	658,028	-7.2%	678,008	3.04%	699,004	3.10%	720,004	3.00%	742,008	3.06%	3,497,052
5008--***	Ferric Chloride	255,012	1.3%	265,000	3.9%	272,996	3.02%	280,996	2.93%	289,004	2.85%	297,004	2.77%	1,405,000
5009--***	Odor Control Chemicals	160,000	-4.4%	163,008	1.9%	168,996	3.67%	174,996	3.55%	181,004	3.43%	187,004	3.31%	875,008
5010--***	Other Chemicals - Misc.	5,000	0.0%	5,000	0.0%	5,000	0.00%	6,004	20.08%	6,004	0.00%	6,004	0.00%	28,012
5011--***	Laboratory Services	36,500	2.2%	41,696	14.2%	42,152	1.09%	43,168	2.41%	44,352	2.74%	45,228	1.98%	216,596
5012--***	Grit Hauling - 21A	122,008	7.8%	134,008	9.8%	139,004	3.73%	145,004	4.32%	150,000	3.45%	155,000	3.33%	723,016
5013--***	Landscaping	183,004	14.4%	185,008	1.1%	190,996	3.24%	198,000	3.67%	203,996	3.03%	210,004	2.95%	988,004
5014--***	Engineering - Misc.	392,508	17.2%	175,004	-55.4%	172,508	(1.43%)	172,508	0.00%	172,508	0.00%	172,508	0.00%	865,036
5015--***	Management Support Services	128,008	-56.5%	363,936	184.3%	259,712	(28.64%)	143,916	(44.59%)	148,516	3.20%	149,132	0.41%	1,065,212
5016--***	Audit - Environmental	500	0.0%	500	0.0%	600	20.00%	604	0.67%	652	7.95%	696	6.75%	3,052
5017--***	Legal Fees	12,216	-86.1%	23,020	88.4%	23,516	2.15%	23,548	0.14%	23,616	0.29%	23,684	0.29%	117,384
5018--***	Public Notices/ Public Relations	500	0.0%	2,008	301.6%	2,404	19.72%	2,432	1.16%	2,500	2.80%	2,564	2.56%	11,908
5019--***	Contract Services Misc. - 29	287,000	6.1%	375,012	30.7%	386,000	2.93%	399,008	3.37%	410,992	3.00%	424,000	3.17%	1,995,012
5021--***	Small Vehicle Expense - 31A	20,900	7.5%	21,024	0.6%	21,056	0.15%	24,060	14.27%	24,084	0.10%	27,088	12.47%	117,312
5022--***	Miscellaneous Expense	18,492	10.0%	18,488	0.0%	19,000	2.77%	22,032	15.96%	22,012	(0.09%)	24,992	13.54%	106,524
5023--***	Office Supplies - All	42,000	25.0%	38,004	-9.5%	39,004	2.63%	42,000	7.68%	43,004	2.39%	46,012	6.99%	208,024
5024--***	Petroleum Products	60,000	2.7%	59,980	0.0%	60,996	1.69%	65,000	6.56%	66,996	3.07%	71,992	7.46%	324,964
5025--***	Uniforms	36,000	4.6%	37,016	2.8%	39,000	5.36%	41,996	7.68%	42,996	2.38%	46,992	9.29%	208,000
5026--***	Small Vehicle Fuel - 37A	37,688	11.8%	35,680	-5.3%	37,000	3.70%	39,024	5.47%	39,092	0.17%	42,184	7.91%	192,980
5027--***	Insurance - Property/Liability	211,740	92.2%	185,132	-12.6%	196,100	5.92%	207,048	5.58%	219,888	6.20%	233,200	6.05%	1,041,368
5028--***	Small Tools & Supplies	77,476	22.7%	85,664	10.6%	83,884	(2.08%)	87,128	3.87%	88,364	1.42%	91,616	3.68%	436,656
5030--***	Trash Disposal	5,000	4.0%	6,992	39.8%	6,992	0.00%	8,000	14.42%	8,000	0.00%	10,004	25.05%	39,988
5031--***	Safety Supplies	86,872	-5.1%	106,396	22.5%	109,444	2.86%	112,508	2.80%	109,660	(2.53%)	112,088	2.21%	550,096
5032--***	Equipment Rental	7,004	-2.8%	7,008	0.1%	7,004	(0.06%)	8,000	14.22%	8,000	0.00%	8,000	0.00%	38,012
5033--***	Recruitment	1,000	100.0%	3,024	202.4%	3,008	(0.53%)	3,008	0.00%	3,008	0.00%	3,008	0.00%	15,056
5034--***	Travel Expense/Tech. Conferences	61,012	52.5%	72,068	18.1%	86,348	19.81%	88,912	2.97%	87,752	(1.30%)	89,944	2.50%	425,024
5035--***	Training Expense	52,564	-15.9%	63,380	20.6%	58,056	(8.40%)	59,072	1.75%	55,248	(6.47%)	56,240	1.80%	291,996
5036--***	Laboratory Supplies	75,024	-0.6%	90,328	20.4%	91,540	1.34%	91,160	(0.42%)	92,492	1.46%	94,864	2.56%	460,384
5037--***	Office Equipment	22,496	5.1%	24,996	11.1%	25,992	3.98%	29,004	11.59%	30,000	3.43%	33,004	10.01%	142,996
5038--***	Permits	475,500	-2.6%	415,952	-12.5%	422,168	1.49%	428,028	1.39%	436,468	1.97%	445,116	1.98%	2,147,732
5039--***	Membership Dues/Fees	12,244	1.9%	11,920	0.0%	13,136	10.20%	14,192	8.04%	15,260	7.53%	15,296	0.24%	69,804
5044--***	Offshore Monitoring - 20A	42,008	5.0%	36,000	-14.3%	36,000	0.00%	36,000	0.00%	36,000	0.00%	36,000	0.00%	180,000

**South Orange County Wastewater Authority
5-Year O & M & Environmental, Safety Departments Budget Summary
Line Item Detail**

	FY 2017-18 Budget	Change %	FY 2018-19 Budget	Change %	FY 2019-20 Budget	Change %	FY 2020-21 Budget	Change %	FY 2021-22 Budget	Change %	FY 2022-23 Budget	Change %	5 Year Total
-5045--***	-	0.0%	110,000	0.0%	-	(100.00%)	-	0.00%	-	0.00%	-	0.00%	110,000
-5046--***	45,996	-11.6%	28,004	-39.1%	28,004	0.00%	28,004	0.00%	28,004	0.00%	28,004	0.00%	140,020
-5047--***	46,996	3.5%	48,000	2.1%	49,000	2.08%	50,000	2.04%	52,004	4.01%	54,004	3.85%	253,008
-5048--***	19,000	2.2%	20,008	5.3%	21,000	4.96%	22,000	4.76%	23,000	4.55%	24,000	4.35%	110,008
-5049--***	1,541,004	1.1%	1,639,008	6.4%	1,589,000	(3.05%)	1,616,000	1.70%	1,651,000	2.17%	1,710,000	3.57%	8,205,008
-5050--***	21,008	6.6%	21,004	0.0%	22,008	4.78%	24,008	9.09%	25,004	4.15%	27,000	7.98%	119,024
-5052--***	100,016	100.0%	100,024	0.0%	103,000	2.98%	107,004	3.89%	110,000	2.80%	113,996	3.63%	534,024
-5053--***	60,004	100.0%	60,000	0.0%	125,000	108.33%	-	(100.00%)	65,000	0.00%	-	(100.00%)	250,000
-5054--***	40,000	35.5%	41,004	2.5%	43,004	4.88%	46,996	9.28%	49,000	4.26%	52,004	6.13%	232,008
-5055--***	13,996	14.7%	14,004	0.1%	14,996	7.08%	16,996	13.34%	18,000	5.91%	19,004	5.58%	83,000
-5056--***	328,004	5.3%	338,000	3.0%	348,000	2.96%	358,008	2.88%	368,996	3.07%	380,000	2.98%	1,793,004
-5057--***	575,000	8.4%	591,996	3.0%	609,000	2.87%	627,008	2.96%	646,000	3.03%	666,004	3.10%	3,140,008
-5058--***	73,008	21.1%	76,004	4.1%	78,252	2.96%	81,256	3.84%	84,256	3.69%	88,256	4.75%	408,024
-5059--***	500,000	215.5%	1,135,016	127.0%	1,170,000	3.08%	1,204,996	2.99%	1,241,008	2.99%	1,278,000	2.98%	6,029,020
-5060--***	70,000	21.5%	72,000	2.9%	74,000	2.78%	76,000	2.70%	78,000	2.63%	80,000	2.56%	380,000
-5061--***	5,688	14.9%	2,036	-64.2%	2,036	0.00%	2,060	1.18%	1,600	(22.33%)	1,600	0.00%	9,332
-5067--***	35,000	100.0%	35,000	0.0%	35,000	0.00%	35,000	0.00%	35,000	0.00%	35,000	0.00%	175,000
-5068--***	23,996	0.0%	24,484	2.0%	24,972	1.99%	25,472	2.00%	26,200	2.86%	26,948	2.85%	128,076
-5069--***	15,004	-76.9%	7,996	-46.7%	7,996	0.00%	7,996	0.00%	7,996	0.00%	7,996	0.00%	39,980
-5076--***	-	-100.0%	57,000	0.0%	57,000	0.00%	60,016	5.29%	60,016	0.00%	63,004	4.98%	297,036
-5101--***	-	0.0%	1,004	0.0%	1,004	0.00%	1,004	0.00%	1,004	0.00%	1,004	0.00%	5,020
-5105--***	250,000	-44.4%	249,972	0.0%	262,996	5.21%	276,004	4.95%	289,008	4.71%	298,000	3.11%	1,375,980
-5303--***	10,796	100.0%	10,824	0.3%	10,812	(0.11%)	10,812	0.00%	10,812	0.00%	10,812	0.00%	54,072
-5305--***	11,044	100.0%	9,452	-14.4%	9,680	2.41%	9,780	1.03%	9,900	1.23%	10,028	1.29%	48,840
-5309--***	12,000	71.3%	31,004	158.4%	33,000	6.44%	34,000	3.03%	35,000	2.94%	36,992	5.69%	169,996
-5705--***	28,196	-24.4%	25,376	-10.0%	25,588	0.84%	25,588	0.00%	25,588	0.00%	25,588	0.00%	127,728
-5706--***	90,004	100.0%	90,000	0.0%	-	(100.00%)	-	0.00%	-	0.00%	-	0.00%	90,000
-5802--***	-	0.0%	200	0.0%	204	2.00%	208	1.96%	208	0.00%	212	1.92%	1,032
-6500--***	654,684	-10.0%	646,448	-1.3%	659,216	1.98%	681,612	3.40%	699,676	2.65%	717,944	2.61%	3,404,896
Total Other Expenses	10,190,256	2.6%	10,707,660	5.08%	10,648,904	-0.55%	10,710,688	0.58%	11,047,264	3.14%	11,328,376	2.54%	54,442,892
Total Expenses	17,989,960	3.0%	18,701,584	4.0%	18,953,384	1.35%	19,518,052	2.98%	20,385,244	4.44%	21,199,688	4.00%	98,757,952

**South Orange County Wastewater Authority
Fiscal Year 2018-19 Line Item Detail by Project Committee
(Does Not Include Administration, Residual Engineering and General Fund Expenses)**

	PC 02	PC 12	PC 05	PC 15	PC 17	PC 21	PC 24	PC 08	SOCWA	
Salary and Fringe										
5000--**-**	Regular Salaries-O&M	1,472,936	30,396	123,972	897,448	1,776,684	500	128,156	80,312	4,510,404
5001--**-**	Overtime Salaries-O&M	32,908	-	1,116	21,252	57,712	-	668	1,380	115,036
5306--**-**	Scheduled Holiday Work	14,732	-	740	6,548	27,320	-	320	200	49,860
5315--**-**	Comp Time - O&M	752	-	-	-	1,076	-	-	-	1,828
5401--**-**	Fringe Benefits IN to PC's & Depts.	1,060,520	21,880	89,252	646,172	1,279,200	360	92,296	57,824	3,247,504
5700--**-**	Standby Pay	27,048	-	-	16,900	25,344	-	-	-	69,292
	Total Payroll Costs	2,608,896	52,276	215,080	1,588,320	3,167,336	860	221,440	139,716	7,993,924
Other Expenses										
5002--**-**	Electricity	374,976	-	1,004	297,000	381,988	-	1,000	-	1,055,968
5003--**-**	Natural Gas	120,024	-	512	2,996	25,000	-	-	-	148,532
5004--**-**	Potable & Reclaimed Water	20,008	-	-	13,004	36,000	-	-	-	69,012
5005--**-**	Co-generation Power Credit	-	-	-	-	(250,012)	-	-	-	(250,012)
5006--**-**	Chlorine/Sodium Hypochlorite	28,000	-	-	100,004	361,008	-	-	-	489,012
5007--**-**	Polymer Products	250,008	-	-	2,008	406,012	-	-	-	658,028
5008--**-**	Ferric Chloride	105,004	-	-	30,996	129,000	-	-	-	265,000
5009--**-**	Odor Control Chemicals	28,004	-	-	85,004	50,000	-	-	-	163,008
5010--**-**	Other Chemicals - Misc.	1,000	-	-	-	4,000	-	-	-	5,000
5011--**-**	Laboratory Services	10,692	-	-	11,500	16,504	-	-	3,000	41,696
5012--**-**	Grit Hauling - 21A	50,004	-	-	30,004	54,000	-	-	-	134,008
5013--**-**	Landscaping	50,004	-	-	60,008	74,996	-	-	-	185,008
5014--**-**	Engineering - Misc.	30,004	-	10,000	20,000	32,500	62,496	20,004	-	175,004
5015--**-**	Management Support Services	59,004	130,516	9,404	10,000	123,500	2,500	25,008	4,004	363,936
5016--**-**	Audit - Environmental	-	-	-	-	-	-	-	500	500
5017--**-**	Legal Fees	4,992	2,004	2,000	5,000	5,008	-	2,008	2,008	23,020
5018--**-**	Public Notices/ Public Relations	-	-	-	-	-	-	-	2,008	2,008
5019--**-**	Contract Services Misc. - 29	115,004	-	-	110,000	150,008	-	-	-	375,012
5021--**-**	Small Vehicle Expense - 31A	8,004	-	-	6,004	6,000	-	-	1,016	21,024
5022--**-**	Miscellaneous Expense	8,000	-	-	2,996	5,996	-	-	1,496	18,488
5023--**-**	Office Supplies - All	27,000	-	-	4,004	7,000	-	-	-	38,004
5024--**-**	Petroleum Products	15,992	-	-	2,000	41,988	-	-	-	59,980
5025--**-**	Uniforms	13,004	-	-	6,004	18,008	-	-	-	37,016
5026--**-**	Small Vehicle Fuel - 37A	14,980	-	512	6,004	12,988	-	-	1,196	35,680
5027--**-**	Insurance - Property/Liability	65,464	1,000	5,756	26,436	78,860	-	5,600	2,016	185,132
5028--**-**	Small Tools & Supplies	40,004	-	-	11,000	28,012	-	-	6,648	85,664
5030--**-**	Trash Disposal	2,000	-	-	2,996	1,996	-	-	-	6,992
5031--**-**	Safety Supplies	34,704	-	1,004	34,692	35,000	-	996	-	106,396
5032--**-**	Equipment Rental	3,000	-	-	1,000	3,008	-	-	-	7,008
5033--**-**	Recruitment	1,024	-	-	1,000	1,000	-	-	-	3,024
5034--**-**	Travel Expense/Tech. Conferences	18,876	2,240	4,456	18,872	18,880	-	4,496	4,248	72,068
5035--**-**	Training Expense	26,188	-	564	13,652	18,584	-	520	3,872	63,380
5036--**-**	Laboratory Supplies	14,296	-	19,236	14,496	22,740	-	19,560	-	90,328
5037--**-**	Office Equipment	13,000	-	-	2,000	9,996	-	-	-	24,996
5038--**-**	Permits	22,432	18,488	155,000	22,000	40,016	-	148,004	10,012	415,952
5039--**-**	Membership Dues/Fees	8,040	-	-	968	2,588	-	-	324	11,920
5044--**-**	Offshore Monitoring - 20A	-	-	18,000	-	-	-	18,000	-	36,000
5045--**-**	Offshore Biochemistry - 20B	-	-	64,996	-	-	-	45,004	-	110,000
5046--**-**	Effluent Chemistry - 20C	-	-	14,000	-	-	-	14,004	-	28,004
5047--**-**	Access Road Expenses	-	-	-	48,000	-	-	-	-	48,000
5048--**-**	Storm Damage	-	-	-	20,008	-	-	-	-	20,008
5049--**-**	Biosolids Disposal - 21B	600,000	-	-	125,004	914,004	-	-	-	1,639,008

**South Orange County Wastewater Authority
Fiscal Year 2018-19 Line Item Detail by Project Committee
(Does Not Include Administration, Residual Engineering and General Fund Expenses)**

	PC 02	PC 12	PC 05	PC 15	PC 17	PC 21	PC 24	PC 08	SOCWA
-5050--***	9,000	-	-	4,004	8,000	-	-	-	21,004
-5052--***	40,004	-	-	20,008	40,012	-	-	-	100,024
-5053--***	60,000	-	-	-	-	-	-	-	60,000
-5054--***	20,996	-	-	1,004	19,004	-	-	-	41,004
-5055--***	6,000	-	-	1,004	7,000	-	-	-	14,004
-5056--***	142,004	-	-	-	195,996	-	-	-	338,000
-5057--***	246,996	-	-	175,000	170,000	-	-	-	591,996
-5058--***	27,000	-	1,004	21,000	26,000	-	1,000	-	76,004
-5059--***	485,004	-	-	-	650,012	-	-	-	1,135,016
-5060--***	-	-	-	36,000	36,000	-	-	-	72,000
-5061--***	2,036	-	-	-	-	-	-	-	2,036
-5067--***	-	-	-	-	-	-	35,000	-	35,000
17-5068-02-04-22	-	-	-	-	24,484	-	-	-	24,484
-5069--***	-	-	7,996	-	-	-	-	-	7,996
-5076--***	19,000	-	-	19,000	19,000	-	-	-	57,000
-5101--***	-	-	1,004	-	-	-	-	-	1,004
-5105--***	-	-	-	-	249,972	-	-	-	249,972
-5303--***	3,604	-	-	3,600	3,620	-	-	-	10,824
-5305--***	3,864	-	2,460	2,996	132	-	-	-	9,452
-5309--***	25,004	-	-	-	6,000	-	-	-	31,004
-5705--***	8,416	-	4,204	1,368	11,388	-	-	-	25,376
-5706--***	-	-	-	-	90,000	-	-	-	90,000
-5802--***	-	-	-	-	-	-	200	-	200
-6500--***	211,128	4,356	17,772	128,644	254,744	-	18,288	11,516	646,448
Total Other Expenses	3,492,792	158,604	340,884	1,560,288	4,677,540	64,996	358,692	53,864	10,707,660
Total Expenses	6,101,688	210,880	555,964	3,148,608	7,844,876	65,856	580,132	193,580	18,701,584

South Orange County Wastewater Authority
Fiscal Year 2019-20 Line Item Detail by Project Committee
(Does Not Include Administration, Residual Engineering and General Fund Expenses)

	PC 02	PC 12	PC 05	PC 15	PC 17	PC 21	PC 24	PC 08	SOCWA	
Salary and Fringe										
5000--**-**	Regular Salaries-O&M	1,553,736	32,240	131,516	891,904	1,856,900	500	135,968	85,196	4,687,960
5001--**-**	Overtime Salaries-O&M	33,968	-	1,124	22,340	58,904	-	664	1,472	118,472
5306--**-**	Scheduled Holiday Work	14,736	-	740	7,024	28,412	-	332	200	51,444
5315--**-**	Comp Time - O&M	800	-	-	-	1,152	-	-	-	1,952
5401--**-**	Fringe Benefits IN to PC's & Depts.	1,118,688	23,204	94,696	642,164	1,336,980	360	97,920	61,348	3,375,360
5700--**-**	Standby Pay	27,048	-	-	16,900	25,344	-	-	-	69,292
	Total Payroll Costs	2,748,976	55,444	228,076	1,580,332	3,307,692	860	234,884	148,216	8,304,480
Other Expenses										
5002--**-**	Electricity	386,000	-	1,004	312,004	382,000	-	1,000	-	1,082,008
5003--**-**	Natural Gas	124,000	-	504	2,996	26,004	-	-	-	153,504
5004--**-**	Potable & Reclaimed Water	21,004	-	-	13,004	36,996	-	-	-	71,004
5005--**-**	Co-generation Power Credit	-	-	-	-	(263,000)	-	-	-	(263,000)
5006--**-**	Chlorine/Sodium Hypochlorite	29,000	-	-	103,000	372,000	-	-	-	504,000
5007--**-**	Polymer Products	258,000	-	-	2,004	418,004	-	-	-	678,008
5008--**-**	Ferric Chloride	108,000	-	-	32,000	132,996	-	-	-	272,996
5009--**-**	Odor Control Chemicals	28,996	-	-	88,000	52,000	-	-	-	168,996
5010--**-**	Other Chemicals - Misc.	1,000	-	-	-	4,000	-	-	-	5,000
5011--**-**	Laboratory Services	10,928	-	-	11,728	16,496	-	-	3,000	42,152
5012--**-**	Grit Hauling - 21A	52,000	-	-	31,000	56,004	-	-	-	139,004
5013--**-**	Landscaping	52,000	-	-	62,000	76,996	-	-	-	190,996
5014--**-**	Engineering - Misc.	30,004	-	10,000	20,000	30,004	62,496	20,004	-	172,508
5015--**-**	Management Support Services	59,004	124,996	21,004	9,500	18,204	-	24,996	2,008	259,712
5016--**-**	Audit - Environmental	-	-	-	-	-	-	-	600	600
5017--**-**	Legal Fees	4,996	2,004	2,008	5,000	5,004	-	2,004	2,500	23,516
5018--**-**	Public Notices/ Public Relations	-	-	-	-	-	-	-	2,404	2,404
5019--**-**	Contract Services Misc. - 29	118,000	-	-	113,004	154,996	-	-	-	386,000
5021--**-**	Small Vehicle Expense - 31A	7,996	-	-	6,004	6,000	-	-	1,056	21,056
5022--**-**	Miscellaneous Expense	8,000	-	-	2,996	5,996	-	-	2,008	19,000
5023--**-**	Office Supplies - All	28,000	-	-	4,004	7,000	-	-	-	39,004
5024--**-**	Petroleum Products	16,004	-	-	2,000	42,992	-	-	-	60,996
5025--**-**	Uniforms	13,996	-	-	6,004	19,000	-	-	-	39,000
5026--**-**	Small Vehicle Fuel - 37A	16,000	-	504	6,004	12,996	-	-	1,496	37,000
5027--**-**	Insurance - Property/Liability	69,724	1,000	5,760	28,148	83,848	-	5,604	2,016	196,100
5028--**-**	Small Tools & Supplies	40,004	-	-	11,000	29,000	-	-	3,880	83,884
5030--**-**	Trash Disposal	2,000	-	-	2,996	1,996	-	-	-	6,992
5031--**-**	Safety Supplies	35,940	-	1,008	35,404	36,096	-	996	-	109,444
5032--**-**	Equipment Rental	3,000	-	-	1,000	3,004	-	-	-	7,004
5033--**-**	Recruitment	1,008	-	-	1,000	1,000	-	-	-	3,008
5034--**-**	Travel Expense/Tech. Conferences	21,760	2,280	8,192	21,552	21,680	-	6,544	4,340	86,348
5035--**-**	Training Expense	17,908	-	584	18,000	20,000	-	-	1,564	58,056
5036--**-**	Laboratory Supplies	14,520	-	19,464	14,788	23,208	-	19,560	-	91,540
5037--**-**	Office Equipment	13,000	-	-	2,996	9,996	-	-	-	25,992
5038--**-**	Permits	22,500	18,792	158,000	23,236	41,624	-	148,004	10,012	422,168
5039--**-**	Membership Dues/Fees	6,068	-	-	988	5,064	-	-	1,016	13,136
5044--**-**	Offshore Monitoring - 20A	-	-	18,000	-	-	-	18,000	-	36,000
5045--**-**	Offshore Biochemistry - 20B	-	-	-	-	-	-	-	-	-
5046--**-**	Effluent Chemistry - 20C	-	-	14,000	-	-	-	14,004	-	28,004
5047--**-**	Access Road Expenses	-	-	-	49,000	-	-	-	-	49,000
5048--**-**	Storm Damage	-	-	-	21,000	-	-	-	-	21,000
5049--**-**	Biosolids Disposal - 21B	600,000	-	-	125,004	863,996	-	-	-	1,589,000

South Orange County Wastewater Authority
Fiscal Year 2019-20 Line Item Detail by Project Committee
(Does Not Include Administration, Residual Engineering and General Fund Expenses)

	PC 02	PC 12	PC 05	PC 15	PC 17	PC 21	PC 24	PC 08	SOCWA
5050--***	10,004	-	-	4,004	8,000	-	-	-	22,008
5052--***	41,000	-	-	21,000	41,000	-	-	-	103,000
5053--***	60,000	-	-	-	65,000	-	-	-	125,000
5054--***	22,004	-	-	1,000	20,000	-	-	-	43,004
5055--***	6,996	-	-	1,000	7,000	-	-	-	14,996
5056--***	146,000	-	-	-	202,000	-	-	-	348,000
5057--***	254,004	-	-	180,000	174,996	-	-	-	609,000
5058--***	28,000	-	252	22,000	27,000	-	1,000	-	78,252
5059--***	500,000	-	-	-	670,000	-	-	-	1,170,000
5060--***	-	-	-	37,000	37,000	-	-	-	74,000
5061--***	2,036	-	-	-	-	-	-	-	2,036
5067--***	-	-	-	-	-	-	35,000	-	35,000
17-5068-02-04-22	-	-	-	-	24,972	-	-	-	24,972
5069--***	-	-	7,996	-	-	-	-	-	7,996
5076--***	19,000	-	-	19,000	19,000	-	-	-	57,000
5101--***	-	-	1,004	-	-	-	-	-	1,004
5105--***	-	-	-	-	262,996	-	-	-	262,996
5303--***	3,604	-	-	3,600	3,608	-	-	-	10,812
5305--***	4,004	-	2,540	3,000	136	-	-	-	9,680
5309--***	26,000	-	-	-	7,000	-	-	-	33,000
5705--***	8,496	-	4,204	1,496	11,392	-	-	-	25,588
5706--***	-	-	-	-	-	-	-	-	-
5802--***	-	-	-	-	-	-	204	-	204
6500--***	218,520	4,528	18,496	125,436	261,216	-	19,040	11,980	659,216
Total Other Expenses	3,570,028	153,600	294,524	1,606,900	4,595,516	62,496	315,960	49,880	10,648,904
Total Expenses	6,319,004	209,044	522,600	3,187,232	7,903,208	63,356	550,844	198,096	18,953,384

South Orange County Wastewater Authority
Fiscal Year 2020-21 Line Item Detail by Project Committee
(Does Not Include Administration, Residual Engineering and General Fund Expenses)

	PC 02	PC 12	PC 05	PC 15	PC 17	PC 21	PC 24	PC 08	SOCWA	
Salary and Fringe										
5000--**-**	Regular Salaries-O&M	1,651,472	34,040	138,848	934,456	1,984,728	500	143,564	89,948	4,977,556
5001--**-**	Overtime Salaries-O&M	35,048	-	1,132	23,428	60,092	-	680	1,572	121,952
5306--**-**	Scheduled Holiday Work	14,736	-	740	7,024	29,568	-	332	200	52,600
5315--**-**	Comp Time - O&M	864	-	-	-	1,236	-	-	-	2,100
5401--**-**	Fringe Benefits IN to PC's & Depts.	1,189,052	24,516	99,976	672,812	1,429,008	360	103,376	64,764	3,583,864
5700--**-**	Standby Pay	27,048	-	-	16,900	25,344	-	-	-	69,292
	Total Payroll Costs	2,918,220	58,556	240,696	1,654,620	3,529,976	860	247,952	156,484	8,807,364
Other Expenses										
5002--**-**	Electricity	398,000	-	1,004	327,996	382,000	-	1,000	-	1,110,000
5003--**-**	Natural Gas	127,996	-	504	4,004	27,000	-	-	-	159,504
5004--**-**	Potable & Reclaimed Water	22,000	-	-	13,996	38,000	-	-	-	73,996
5005--**-**	Co-generation Power Credit	-	-	-	-	(276,000)	-	-	-	(276,000)
5006--**-**	Chlorine/Sodium Hypochlorite	30,000	-	-	107,000	383,000	-	-	-	520,000
5007--**-**	Polymer Products	266,000	-	-	2,004	431,000	-	-	-	699,004
5008--**-**	Ferric Chloride	111,000	-	-	33,000	136,996	-	-	-	280,996
5009--**-**	Odor Control Chemicals	30,000	-	-	91,000	53,996	-	-	-	174,996
5010--**-**	Other Chemicals - Misc.	1,000	-	-	-	5,004	-	-	-	6,004
5011--**-**	Laboratory Services	11,136	-	-	11,964	17,068	-	-	3,000	43,168
5012--**-**	Grit Hauling - 21A	54,004	-	-	32,000	59,000	-	-	-	145,004
5013--**-**	Landscaping	54,000	-	-	64,000	80,000	-	-	-	198,000
5014--**-**	Engineering - Misc.	30,004	-	10,000	20,000	30,004	62,496	20,004	-	172,508
5015--**-**	Management Support Services	59,004	8,000	21,004	9,500	19,404	-	24,996	2,008	143,916
5016--**-**	Audit - Environmental	-	-	-	-	-	-	-	604	604
5017--**-**	Legal Fees	4,996	2,004	2,008	5,000	5,004	-	2,004	2,532	23,548
5018--**-**	Public Notices/ Public Relations	-	-	-	-	-	-	-	2,432	2,432
5019--**-**	Contract Services Misc. - 29	122,000	-	-	116,004	161,004	-	-	-	399,008
5021--**-**	Small Vehicle Expense - 31A	9,008	-	-	6,996	7,000	-	-	1,056	24,060
5022--**-**	Miscellaneous Expense	9,000	-	-	4,004	7,000	-	-	2,028	22,032
5023--**-**	Office Supplies - All	29,000	-	-	5,000	8,000	-	-	-	42,000
5024--**-**	Petroleum Products	17,000	-	-	3,000	45,000	-	-	-	65,000
5025--**-**	Uniforms	13,996	-	-	6,996	21,004	-	-	-	41,996
5026--**-**	Small Vehicle Fuel - 37A	16,000	-	504	6,996	14,004	-	-	1,520	39,024
5027--**-**	Insurance - Property/Liability	74,280	1,000	5,772	29,944	88,848	-	5,620	1,584	207,048
5028--**-**	Small Tools & Supplies	40,004	-	-	12,004	31,000	-	-	4,120	87,128
5030--**-**	Trash Disposal	2,000	-	-	4,004	1,996	-	-	-	8,000
5031--**-**	Safety Supplies	37,176	-	1,052	36,100	37,184	-	996	-	112,508
5032--**-**	Equipment Rental	3,000	-	-	1,000	4,000	-	-	-	8,000
5033--**-**	Recruitment	1,008	-	-	1,000	1,000	-	-	-	3,008
5034--**-**	Travel Expense/Tech. Conferences	22,420	2,684	8,368	21,992	22,312	-	6,696	4,440	88,912
5035--**-**	Training Expense	18,148	-	588	18,244	20,504	-	-	1,588	59,072
5036--**-**	Laboratory Supplies	14,848	-	17,600	15,080	23,672	-	19,960	-	91,160
5037--**-**	Office Equipment	14,000	-	-	4,004	11,000	-	-	-	29,004
5038--**-**	Permits	22,500	18,848	160,000	23,624	42,640	-	150,404	10,012	428,028
5039--**-**	Membership Dues/Fees	6,076	-	-	1,008	6,092	-	-	1,016	14,192
5044--**-**	Offshore Monitoring - 20A	-	-	18,000	-	-	-	18,000	-	36,000
5045--**-**	Offshore Biochemistry - 20B	-	-	-	-	-	-	-	-	-
5046--**-**	Effluent Chemistry - 20C	-	-	14,000	-	-	-	14,004	-	28,004
5047--**-**	Access Road Expenses	-	-	-	50,000	-	-	-	-	50,000
5048--**-**	Storm Damage	-	-	-	22,000	-	-	-	-	22,000
5049--**-**	Biosolids Disposal - 21B	600,000	-	-	125,004	890,996	-	-	-	1,616,000

South Orange County Wastewater Authority
Fiscal Year 2020-21 Line Item Detail by Project Committee
(Does Not Include Administration, Residual Engineering and General Fund Expenses)

	PC 02	PC 12	PC 05	PC 15	PC 17	PC 21	PC 24	PC 08	SOCWA
-5050--***	10,004	-	-	5,000	9,004	-	-	-	24,008
-5052--***	42,000	-	-	22,000	43,004	-	-	-	107,004
-5053--***	-	-	-	-	-	-	-	-	-
-5054--***	23,000	-	-	2,000	21,996	-	-	-	46,996
-5055--***	6,996	-	-	2,000	8,000	-	-	-	16,996
-5056--***	150,008	-	-	-	208,000	-	-	-	358,008
-5057--***	262,004	-	-	185,004	180,000	-	-	-	627,008
-5058--***	29,000	-	252	23,000	28,004	-	1,000	-	81,256
-5059--***	514,996	-	-	-	690,000	-	-	-	1,204,996
-5060--***	-	-	-	38,000	38,000	-	-	-	76,000
-5061--***	2,060	-	-	-	-	-	-	-	2,060
-5067--***	-	-	-	-	-	-	35,000	-	35,000
17-5068-02-04-22	-	-	-	-	25,472	-	-	-	25,472
-5069--***	-	-	7,996	-	-	-	-	-	7,996
-5076--***	20,004	-	-	20,008	20,004	-	-	-	60,016
-5101--***	-	-	1,004	-	-	-	-	-	1,004
-5105--***	-	-	-	-	276,004	-	-	-	276,004
-5303--***	3,604	-	-	3,600	3,608	-	-	-	10,812
-5305--***	4,004	-	2,640	3,000	136	-	-	-	9,780
-5309--***	27,000	-	-	-	7,000	-	-	-	34,000
-5705--***	8,496	-	4,204	1,496	11,392	-	-	-	25,588
-5706--***	-	-	-	-	-	-	-	-	-
-5802--***	-	-	-	-	-	-	208	-	208
-6500--***	226,176	4,668	19,020	127,976	271,884	-	19,568	12,320	681,612
Total Other Expenses	3,599,956	37,204	295,520	1,668,552	4,677,240	62,496	319,460	50,260	10,710,688
Total Expenses	6,518,176	95,760	536,216	3,323,172	8,207,216	63,356	567,412	206,744	19,518,052

South Orange County Wastewater Authority
Fiscal Year 2021-22 Line Item Detail by Project Committee
(Does Not Include Administration, Residual Engineering and General Fund Expenses)

		PC 02	PC 12	PC 05	PC 15	PC 17	PC 21	PC 24	PC 08	SOCWA
Salary and Fringe										
5000--**-**	Regular Salaries-O&M	1,751,484	35,924	146,592	1,004,052	2,096,400	500	151,568	94,964	5,281,484
5001--**-**	Overtime Salaries-O&M	36,112	-	1,144	24,528	61,312	-	688	1,684	125,468
5306--**-**	Scheduled Holiday Work	17,740	-	740	7,024	30,784	-	332	200	56,820
5315--**-**	Comp Time - O&M	916	-	-	-	1,324	-	-	-	2,240
5401--**-**	Fringe Benefits IN to PC's & Depts.	1,261,076	25,876	105,552	722,908	1,509,400	360	109,136	68,368	3,802,676
5700--**-**	Standby Pay	27,048	-	-	16,900	25,344	-	-	-	69,292
	Total Payroll Costs	3,094,376	61,800	254,028	1,775,412	3,724,564	860	261,724	165,216	9,337,980
Other Expenses										
5002--**-**	Electricity	409,996	-	1,004	343,996	382,000	-	1,000	-	1,137,996
5003--**-**	Natural Gas	132,008	-	504	4,004	28,004	-	-	-	164,520
5004--**-**	Potable & Reclaimed Water	23,000	-	-	13,996	39,004	-	-	-	76,000
5005--**-**	Co-generation Power Credit	-	-	-	-	(289,000)	-	-	-	(289,000)
5006--**-**	Chlorine/Sodium Hypochlorite	31,000	-	-	110,000	393,996	-	-	-	534,996
5007--**-**	Polymer Products	274,004	-	-	2,004	443,996	-	-	-	720,004
5008--**-**	Ferric Chloride	114,004	-	-	34,000	141,000	-	-	-	289,004
5009--**-**	Odor Control Chemicals	31,008	-	-	94,000	55,996	-	-	-	181,004
5010--**-**	Other Chemicals - Misc.	1,000	-	-	-	5,004	-	-	-	6,004
5011--**-**	Laboratory Services	11,464	-	-	12,304	17,584	-	-	3,000	44,352
5012--**-**	Grit Hauling - 21A	55,996	-	-	33,000	61,004	-	-	-	150,000
5013--**-**	Landscaping	56,004	-	-	65,996	81,996	-	-	-	203,996
5014--**-**	Engineering - Misc.	30,004	-	10,000	20,000	30,004	62,496	20,004	-	172,508
5015--**-**	Management Support Services	63,004	8,000	21,004	9,500	20,004	-	24,996	2,008	148,516
5016--**-**	Audit - Environmental	-	-	-	-	-	-	-	652	652
5017--**-**	Legal Fees	4,996	2,004	2,008	5,000	5,004	-	2,004	2,600	23,616
5018--**-**	Public Notices/ Public Relations	-	-	-	-	-	-	-	2,500	2,500
5019--**-**	Contract Services Misc. - 29	125,996	-	-	119,000	165,996	-	-	-	410,992
5021--**-**	Small Vehicle Expense - 31A	9,008	-	-	6,996	7,000	-	-	1,080	24,084
5022--**-**	Miscellaneous Expense	9,000	-	-	4,004	7,000	-	-	2,008	22,012
5023--**-**	Office Supplies - All	30,004	-	-	5,000	8,000	-	-	-	43,004
5024--**-**	Petroleum Products	18,000	-	-	3,000	45,996	-	-	-	66,996
5025--**-**	Uniforms	13,996	-	-	6,996	22,004	-	-	-	42,996
5026--**-**	Small Vehicle Fuel - 37A	16,000	-	504	6,996	14,004	-	-	1,588	39,092
5027--**-**	Insurance - Property/Liability	79,156	1,000	5,780	31,896	94,852	-	5,620	1,584	219,888
5028--**-**	Small Tools & Supplies	40,004	-	-	12,004	32,000	-	-	4,356	88,364
5030--**-**	Trash Disposal	2,000	-	-	4,004	1,996	-	-	-	8,000
5031--**-**	Safety Supplies	32,000	-	1,132	37,184	38,300	-	1,044	-	109,660
5032--**-**	Equipment Rental	3,000	-	-	1,000	4,000	-	-	-	8,000
5033--**-**	Recruitment	1,008	-	-	1,000	1,000	-	-	-	3,008
5034--**-**	Travel Expense/Tech. Conferences	19,460	2,808	8,596	22,432	23,016	-	6,884	4,556	87,752
5035--**-**	Training Expense	13,584	-	588	18,484	21,004	-	-	1,588	55,248
5036--**-**	Laboratory Supplies	13,896	-	18,152	15,492	24,392	-	20,560	-	92,492
5037--**-**	Office Equipment	14,000	-	-	5,000	11,000	-	-	-	30,000
5038--**-**	Permits	22,500	18,924	162,000	23,916	43,904	-	155,212	10,012	436,468
5039--**-**	Membership Dues/Fees	7,116	-	-	1,028	6,100	-	-	1,016	15,260
5044--**-**	Offshore Monitoring - 20A	-	-	18,000	-	-	-	18,000	-	36,000
5045--**-**	Offshore Biochemistry - 20B	-	-	-	-	-	-	-	-	-
5046--**-**	Effluent Chemistry - 20C	-	-	14,000	-	-	-	14,004	-	28,004
5047--**-**	Access Road Expenses	-	-	-	52,004	-	-	-	-	52,004
5048--**-**	Storm Damage	-	-	-	23,000	-	-	-	-	23,000
5049--**-**	Biosolids Disposal - 21B	608,000	-	-	125,004	917,996	-	-	-	1,651,000

**South Orange County Wastewater Authority
 Fiscal Year 2021-22 Line Item Detail by Project Committee
 (Does Not Include Administration, Residual Engineering and General Fund Expenses)**

	PC 02	PC 12	PC 05	PC 15	PC 17	PC 21	PC 24	PC 08	SOCWA
5050--***	11,000	-	-	5,000	9,004	-	-	-	25,004
5052--***	43,000	-	-	23,000	44,000	-	-	-	110,000
5053--***	-	-	-	-	65,000	-	-	-	65,000
5054--***	23,996	-	-	2,000	23,004	-	-	-	49,000
5055--***	8,000	-	-	2,000	8,000	-	-	-	18,000
5056--***	154,996	-	-	-	214,000	-	-	-	368,996
5057--***	270,000	-	-	191,004	184,996	-	-	-	646,000
5058--***	30,004	-	252	24,000	29,000	-	1,000	-	84,256
5059--***	530,008	-	-	-	711,000	-	-	-	1,241,008
5060--***	-	-	-	39,000	39,000	-	-	-	78,000
5061--***	1,600	-	-	-	-	-	-	-	1,600
5067--***	-	-	-	-	-	-	35,000	-	35,000
17-5068-02-04-22	-	-	-	-	26,200	-	-	-	26,200
5069--***	-	-	7,996	-	-	-	-	-	7,996
5076--***	20,004	-	-	20,008	20,004	-	-	-	60,016
5101--***	-	-	1,004	-	-	-	-	-	1,004
5105--***	-	-	-	-	289,008	-	-	-	289,008
5303--***	3,604	-	-	3,600	3,608	-	-	-	10,812
5305--***	4,004	-	2,748	3,000	148	-	-	-	9,900
5309--***	28,000	-	-	-	7,000	-	-	-	35,000
5705--***	8,496	-	4,204	1,496	11,392	-	-	-	25,588
5706--***	-	-	-	-	-	-	-	-	-
5802--***	-	-	-	-	-	-	208	-	208
6500--***	232,060	4,760	19,424	133,024	277,828	-	19,996	12,584	699,676
Total Other Expenses	3,683,988	37,496	298,900	1,720,372	4,867,348	62,496	325,532	51,132	11,047,264
Total Expenses	6,778,364	99,296	552,928	3,495,784	8,591,912	63,356	587,256	216,348	20,385,244

South Orange County Wastewater Authority
Fiscal Year 2022-23 Line Item Detail by Project Committee
(Does Not Include Administration, Residual Engineering and General Fund Expenses)

		PC 02	PC 12	PC 05	PC 15	PC 17	PC 21	PC 24	PC 08	SOCWA
Salary and Fringe										
5000--**-**	Regular Salaries-O&M	1,851,536	37,928	154,780	1,061,340	2,222,316	500	160,024	100,256	5,588,680
5001--**-**	Overtime Salaries-O&M	37,188	-	1,144	25,628	62,532	-	700	1,800	128,992
5306--**-**	Scheduled Holiday Work	17,740	-	740	7,024	32,048	-	332	200	58,084
5315--**-**	Comp Time - O&M	984	-	-	-	1,420	-	-	-	2,404
5401--**-**	Fringe Benefits IN to PC's & Depts.	1,333,108	27,316	111,436	764,160	1,600,056	360	115,244	72,180	4,023,860
5700--**-**	Standby Pay	27,048	-	-	16,900	25,344	-	-	-	69,292
	Total Payroll Costs	3,267,604	65,244	268,100	1,875,052	3,943,716	860	276,300	174,436	9,871,312
Other Expenses										
5002--**-**	Electricity	421,992	-	1,004	361,000	382,000	-	1,000	-	1,166,996
5003--**-**	Natural Gas	136,000	-	504	5,004	29,000	-	-	-	170,508
5004--**-**	Potable & Reclaimed Water	23,996	-	-	15,000	40,004	-	-	-	79,000
5005--**-**	Co-generation Power Credit	-	-	-	-	(298,000)	-	-	-	(298,000)
5006--**-**	Chlorine/Sodium Hypochlorite	32,000	-	-	114,000	405,996	-	-	-	551,996
5007--**-**	Polymer Products	282,004	-	-	3,000	457,004	-	-	-	742,008
5008--**-**	Ferric Chloride	117,000	-	-	35,004	145,000	-	-	-	297,004
5009--**-**	Odor Control Chemicals	32,004	-	-	97,000	58,000	-	-	-	187,004
5010--**-**	Other Chemicals - Misc.	1,000	-	-	-	5,004	-	-	-	6,004
5011--**-**	Laboratory Services	11,464	-	-	12,648	18,116	-	-	3,000	45,228
5012--**-**	Grit Hauling - 21A	58,000	-	-	34,000	63,000	-	-	-	155,000
5013--**-**	Landscaping	58,000	-	-	68,004	84,000	-	-	-	210,004
5014--**-**	Engineering - Misc.	30,004	-	10,000	20,000	30,004	62,496	20,004	-	172,508
5015--**-**	Management Support Services	63,004	8,000	21,004	9,500	20,620	-	24,996	2,008	149,132
5016--**-**	Audit - Environmental	-	-	-	-	-	-	-	696	696
5017--**-**	Legal Fees	4,996	2,004	2,008	5,000	5,004	-	2,004	2,668	23,684
5018--**-**	Public Notices/ Public Relations	-	-	-	-	-	-	-	2,564	2,564
5019--**-**	Contract Services Misc. - 29	130,004	-	-	122,996	171,000	-	-	-	424,000
5021--**-**	Small Vehicle Expense - 31A	9,996	-	-	8,000	7,992	-	-	1,100	27,088
5022--**-**	Miscellaneous Expense	10,004	-	-	5,000	8,000	-	-	1,988	24,992
5023--**-**	Office Supplies - All	31,004	-	-	6,004	9,004	-	-	-	46,012
5024--**-**	Petroleum Products	19,992	-	-	4,000	48,000	-	-	-	71,992
5025--**-**	Uniforms	14,996	-	-	8,000	23,996	-	-	-	46,992
5026--**-**	Small Vehicle Fuel - 37A	17,004	-	504	8,000	15,008	-	-	1,668	42,184
5027--**-**	Insurance - Property/Liability	84,368	1,000	5,788	33,984	100,848	-	5,628	1,584	233,200
5028--**-**	Small Tools & Supplies	40,004	-	-	13,000	34,000	-	-	4,612	91,616
5030--**-**	Trash Disposal	2,000	-	-	5,000	3,004	-	-	-	10,004
5031--**-**	Safety Supplies	32,000	-	1,240	38,292	39,456	-	1,100	-	112,088
5032--**-**	Equipment Rental	3,000	-	-	1,000	4,000	-	-	-	8,000
5033--**-**	Recruitment	1,008	-	-	1,000	1,000	-	-	-	3,008
5034--**-**	Travel Expense/Tech. Conferences	19,764	2,956	8,832	22,884	23,740	-	7,092	4,676	89,944
5035--**-**	Training Expense	13,828	-	588	18,732	21,504	-	-	1,588	56,240
5036--**-**	Laboratory Supplies	13,896	-	18,720	15,920	25,148	-	21,180	-	94,864
5037--**-**	Office Equipment	15,004	-	-	6,004	11,996	-	-	-	33,004
5038--**-**	Permits	22,500	19,000	164,020	24,208	45,204	-	160,172	10,012	445,116
5039--**-**	Membership Dues/Fees	7,116	-	-	1,048	6,116	-	-	1,016	15,296
5044--**-**	Offshore Monitoring - 20A	-	-	18,000	-	-	-	18,000	-	36,000
5045--**-**	Offshore Biochemistry - 20B	-	-	-	-	-	-	-	-	-
5046--**-**	Effluent Chemistry - 20C	-	-	14,000	-	-	-	14,004	-	28,004
5047--**-**	Access Road Expenses	-	-	-	54,004	-	-	-	-	54,004
5048--**-**	Storm Damage	-	-	-	24,000	-	-	-	-	24,000
5049--**-**	Biosolids Disposal - 21B	638,000	-	-	125,004	946,996	-	-	-	1,710,000

South Orange County Wastewater Authority
Fiscal Year 2022-23 Line Item Detail by Project Committee
(Does Not Include Administration, Residual Engineering and General Fund Expenses)

	PC 02	PC 12	PC 05	PC 15	PC 17	PC 21	PC 24	PC 08	SOCWA
5050--***	11,000	-	-	6,004	9,996	-	-	-	27,000
5052--***	43,996	-	-	24,000	46,000	-	-	-	113,996
5053--***									
5054--***	25,004	-	-	2,000	25,000	-	-	-	52,004
5055--***	8,000	-	-	2,000	9,004	-	-	-	19,004
5056--***	160,000	-	-	-	220,000	-	-	-	380,000
5057--***	278,000	-	-	197,004	191,000	-	-	-	666,004
5058--***	31,004	-	1,252	25,000	30,000	-	1,000	-	88,256
5059--***	546,000	-	-	-	732,000	-	-	-	1,278,000
5060--***	-	-	-	40,000	40,000	-	-	-	80,000
5061--***	1,600	-	-	-	-	-	-	-	1,600
5067--***	-	-	-	-	-	-	35,000	-	35,000
17-5068-02-04-22	-	-	-	-	26,948	-	-	-	26,948
5069--***	-	-	7,996	-	-	-	-	-	7,996
5076--***	21,004	-	-	21,000	21,000	-	-	-	63,004
5101--***	-	-	1,004	-	-	-	-	-	1,004
5105--***	-	-	-	-	298,000	-	-	-	298,000
5303--***	3,604	-	-	3,600	3,608	-	-	-	10,812
5305--***	4,004	-	2,868	3,000	156	-	-	-	10,028
5309--***	29,000	-	-	-	7,992	-	-	-	36,992
5705--***	8,496	-	4,204	1,496	11,392	-	-	-	25,588
5706--***	-	-	-	-	-	-	-	-	-
5802--***	-	-	-	-	-	-	212	-	212
6500--***	237,884	4,876	19,888	136,364	285,584	-	20,468	12,880	717,944
Total Other Expenses	3,805,548	37,836	303,424	1,786,708	4,948,444	62,496	331,860	52,060	11,328,376
Total Expenses	7,073,152	103,080	571,524	3,661,760	8,892,160	63,356	608,160	226,496	21,199,688

**South Orange County Wastewater Authority
5-Year Administration Expenses Detail by Line Item
(*Includes General Fund Expenses)**

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	Q1 FY 18-19	Q2 FY 18-19	Q3 FY 18-19	Q4 FY 18-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	
	Actual	Actual	Budget	Budget					Budget	Budget	Budget	Budget	
Salary and Fringe													
01-6000-04-00-00	Regular Salaries-Admin & IT	667,234	695,744	871,373	985,352	246,338	246,338	246,338	246,338	1,045,360	989,444	1,044,606	1,102,843
01-6001-04-00-00	Overtime Salaries-Admin & IT	21,816	27,883	10,000	12,000	3,000	3,000	3,000	3,000	5,000	5,000	5,000	5,000
01-6315-04-00-00	Comp Time - Admin		1,914		10,000	2,500	2,500	2,500	2,500	5,000	5,000	5,000	5,000
01-6401-04-00-00	Fringe Benefits IN to PC's & Depts.	520,442	602,675	646,559	709,453	177,363	177,363	177,363	177,363	752,659	712,400	752,116	794,047
	Total Payroll Costs	1,209,491	1,328,215	1,527,932	1,716,805	429,201	429,201	429,201	429,201	1,808,019	1,711,844	1,806,722	1,906,890
Other Expenses													
01-5018-04-00-00	Public Notices/ Public Relations	1,350		1,400	1,400	350	350	350	350	1,400	1,400	1,400	1,400
01-5027-04-00-00	Insurance - Property/Liability	74	28			-	-	-	-				
01-5304-04-00-00	Earned Benefit	2,211		-	-	-	-	-	-				
01-6101-04-00-00	HR Recruitment & Employee Relations	22,310	35,803	10,104	21,200	5,300	5,300	5,300	5,300	18,020	18,380	18,748	19,123
01-6102-04-00-00	Subscriptions	0	1,334	1,008	3,243	811	811	811	811	3,308	3,374	3,442	3,511
01-6200-04-00-00	Management Support Services	180,895	162,229	112,500	112,500	28,125	28,125	28,125	28,125	114,750	117,045	119,386	121,774
01-6201-04-00-00	Audit	22,900	34,700	35,000	40,000	10,000	10,000	10,000	10,000	40,800	41,616	42,448	43,297
01-6202-04-00-00	Legal	76,861	188,130	90,000	250,000	62,500	62,500	62,500	62,500	187,500	191,250	195,075	198,977
01-6203-04-00-00	Outside Services	0	5,110	2,016		-	-	-	-				
01-6204-04-00-00	Postage	3,512	2,521	708	2,319	580	580	580	580	1,972	2,011	2,051	2,092
01-6220-04-00-00	Board of Directors - Fees	10,854	-	-	-	-	-	-	-				
01-6223-04-00-00	Office Supplies - Admin	2,705	4,041	7,500	8,470	2,118	2,118	2,118	2,118	8,640	8,812	8,989	9,169
01-6224-04-00-00	Office Equipment Admin or IT	7,814	9,132	8,000	8,000	2,000	2,000	2,000	2,000	4,000	4,080	4,162	4,245
01-6234-04-00-00	Memberships & Trainings	56,335	75,467	84,827	89,520	22,380	22,380	22,380	22,380	91,310	93,137	94,999	96,899
01-6239-04-00-00	Travel & Conference	24,734	23,794	36,950	20,800	5,200	5,200	5,200	5,200	21,216	21,640	22,073	22,515
01-6240-04-00-00	Scholarship Sponsorship	1,000	1,000	1,000	1,000	250	250	250	250	1,020	1,040	1,061	1,082
01-6310-04-00-00	Miscellaneous	18,236	20,831	14,000	20,000	5,000	5,000	5,000	5,000	20,400	20,808	21,224	21,649
01-6311-04-00-00	Mileage	328	941	1,000	1,000	250	250	250	250	1,020	1,040	1,061	1,082
01-6317-04-00-00	Contract Services Misc	4,225	8,070	1,800	4,936	1,234	1,234	1,234	1,234	5,035	5,136	5,238	5,343
01-6500-04-00-00	IT Allocations in to PC's & Depts.	80,556	80,812	111,365	141,240	35,310	35,310	35,310	35,310	147,018	135,507	138,401	141,692
01-6601-04-00-00	Shipping/Freight	1,067	2,647	1,200	1,500	375	375	375	375	1,530	1,561	1,592	1,624
01-6705-04-00-00	Monthly Car Allowance	11,608	12,231	12,000	12,000	3,000	3,000	3,000	3,000	12,000	12,000	12,000	12,000
	Total Other Expenses	529,575	668,821	532,378	739,130	184,782	184,782	184,782	184,782	680,939	679,838	693,351	707,473
	Total Administration Expenses	1,739,067	1,997,036	2,060,310	2,455,935	613,984	613,984	613,984	613,984	2,488,958	2,391,683	2,500,074	2,614,362

*Expenses included in the General Fund and the pro rata share are detailed on page 31.

**South Orange County Wastewater Authority
5-Year General Fund Expenses Detail by Line Item
(Taken From Administration Expenses)**

		Finance Committee Recommended General Fund %'s	FY 18-19 Budget	FY 2019-20 Budget	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget
Salary and Fringe							
01-6000-04-00-00	Regular Salaries-Admin & IT	Footnote #1	219,977	233,374	189,288	199,840	210,981
01-6001-04-00-00	Overtime Salaries-Admin & IT	50%	6,000	2,500	2,500	2,500	2,500
01-6315-04-00-00	Comp Time - Admin		5,000	2,500	2,500	2,500	2,500
01-6401-04-00-00	Fringe Benefits IN to PC's & Depts.		158,384	168,029	136,287	143,885	151,907
	Total Payroll Costs		389,361	406,403	330,575	348,725	367,888
Other Expenses							
01-5018-04-00-00	Public Notices/ Public Relations	100%	1,400	1,400	1,400	1,400	1,400
01-5027-04-00-00	Insurance - Property/Liability						
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%	40,000	40,800	41,616	42,448	43,297
01-6202-04-00-00	Legal	40%	100,000	75,000	76,500	78,030	79,591
01-6203-04-00-00	Outside Services	100%					
01-6204-04-00-00	Postage	20%	464	394	402	410	418
01-6220-04-00-00	Board of Directors - Fees						
01-6223-04-00-00	Office Supplies - Admin	100%	8,470	8,640	8,812	8,989	9,169
01-6224-04-00-00	Office Equipment	100%	8,000	4,000	4,080	4,162	4,245
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%	4,000	4,080	4,162	4,245	4,330
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%	7,062	7,351	6,775	6,920	7,085
01-6601-04-00-00	Shipping/Freight						
01-6705-04-00-00	Monthly Car Allowance						
	Total Other Expenses		169,396	141,665	143,748	146,604	149,534
Total General Fund Expenses			558,757	548,068	474,322	495,329	517,422

Time Allocation		
(1)	Executive Assistant	50%
	Clerk of the Board	50%
	GM	50%
	Controller	5%

**South Orange County Wastewater Authority
5-Year Residual Engineering Expenses Detail by Line Item**

	FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Budget	FY 18-19 Budget	Q1 FY 18-19	Q2 FY 18-19	Q3 FY 18-19	Q4 FY 18-19	FY 2019-20 Budget	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget
Salary and Fringe												
01-5000-03-00-00 Regular Salaries-O&M	43,715	153,513	155,460	199,834	49,958	49,958	49,958	49,958	212,004	223,823	236,301	249,475
01-5401-03-00-00 Fringe Benefits IN to PC's & Depts.	34,097	126,599	115,351	143,880	35,970	35,970	35,970	35,970	152,643	161,152	170,137	179,622
Total Payroll Costs	77,812	280,112	270,812	343,714	85,928	85,928	85,928	85,928	364,646	384,975	406,438	429,096
Other Expenses												
01-5014-03-00-00 Engineering - Misc.	3,186								-	-	-	-
01-5015-03-00-00 Management Support Services	16,004		1,000	7,500	7,500				7,650	7,803	7,959	8,118
01-5017-03-00-00 Legal Fees		830										
01-5022-03-00-00 Miscellaneous Expense	7,437		3,000	3,060	765	765	765	765	3,121	3,184	3,247	3,312
01-5023-03-00-00 Office Supplies - All	37	-	-	200	50	50	50	50	204	208	212	216
01-5033-03-00-00 Recruitment	29,815	265										
01-5034-03-00-00 Travel Expense/Tech. Conferences	974	1,893	6,350	6,659	1,665	1,665	1,665	1,665	6,792	6,928	7,067	7,208
01-5035-03-00-00 Training Expense	594	2,131	3,300	4,000	1,000	1,000	1,000	1,000	4,080	4,162	4,245	4,330
01-5037-03-00-00 Office Equipment				5,000	1,250	1,250	1,250	1,250	2,500	2,550	2,601	2,653
01-5039-03-00-00 Membership Dues/Fees	862	779	1,775	2,025	506	506	506	506	2,066	2,107	2,149	2,192
01-5061-03-00-00 Mileage	98	147	200	300	75	75	75	75	306	312	318	325
01-5077-03-00-00 IT Direct												
01-5309-03-00-00 Operating Leases	15,348	18,637	16,500	20,637	5,159	5,159	5,159	5,159	21,050	21,471	21,900	22,338
01-5301-03-00-00 Monthly Car Allowance	1,938	4,281	4,200	4,200	1,050	1,050	1,050	1,050	4,200	4,200	4,200	4,200
01-5802-03-00-00 Shipping/Freight	-	79	300	300	75	75	75	75	306	312	318	325
01-6500-03-00-00 IT Allocations in to PC's & Depts.	45,721	34,864	58,489	59,860	14,965	14,965	14,965	14,965	62,309	64,058	65,427	66,982
Total Other Expenses	122,014	63,906	95,114	113,741	34,060	26,560	26,560	26,560	114,584	117,295	119,644	122,200
Total Residual Engineering Expenses	199,826	344,018	365,926	457,455	119,989	112,489	112,489	112,489	479,230	502,270	526,081	551,296

Engineering Labor & Fringe to Capital

374,357

397,156 **419,297** **442,673** **467,352**

**South Orange County Wastewater Authority
5-Year IT Expenses Detail by Line Item**

	FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Budget	FY 2018-19 Budget	Q1 FY 18-19	Q2 FY 18-19	Q3 FY 18-19	Q4 FY 18-19	FY 2019-20 Budget	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget
Salary & Fringe												
01-6000-05-00-00 Regular Salaries-Admin & IT	66,870	44,447	87,428	93,378	23,345	23,345	23,345	23,345	99,065	104,579	110,410	116,559
01-6001-05-00-00 Overtime Salaries-Admin & IT	1,275	2,122	2,076	3,082	770	770	770	770	2,311	2,358	2,405	2,453
01-6315-05-00-00 Comp Time - IT				2,332	583	583	583	583	2,402	2,474	2,548	2,625
01-5401-05-00-00 Fringe Benefits IN to PC's & Depts.	52,159	38,501	64,871	67,232	16,808	16,808	16,808	16,808	71,327	75,297	79,495	83,923
Total Salary & Fringe	120,304	85,071	154,375	166,024	41,506	41,506	41,506	41,506	175,105	184,708	194,858	205,560
Other Expenses												
01-5023-05-00-00 Office Supplies - All	91	-	-	-	-	-	-	-	-	-	-	-
01-5028-05-00-00 Small Tools & Supplies	458		1,250	1,000	250	250	250	250	1,000	1,000	1,000	1,000
01-5031-05-00-00 Safety Supplies		195										
01-5035-05-00-00 Training Expense	99	-	7,800	12,000	3,000	3,000	3,000	3,000	12,000	12,000	12,000	12,000
01-5037-05-00-00 Office Equipment	3,626		1,270	400	100	100	100	100	400	400	400	400
01-5061-05-00-00 Mileage	83		1,008		-	-	-	-				
01-6101-05-00-00 Recruitment & Employee Relations, IT DEPT		684										
01-6102-05-00-00 Subscriptions	168	465		-	-	-	-	-	-	-	-	-
01-6200-05-00-00 Management Support Services	5,021	55,348		64,500	16,125	16,125	16,125	16,125	64,500	64,500	64,500	64,500
01-6234-05-00-00 Memberships & Trainings	13,701	85		2,750	688	688	688	688	2,750	2,750	2,750	2,750
01-6239-05-00-00 Travel & Conference	1,586	-	9,900	4,210	1,053	1,053	1,053	1,053	4,210	4,210	4,210	4,210
01-6300-05-00-00 Software Maintenance Agreements	74,078	50,374	170,893	98,893	24,723	24,723	24,723	24,723	100,871	102,888	104,946	107,045
01-6301-05-00-00 Hardware Maintenance Agreements	150,043	13,230	11,657	11,657	2,914	2,914	2,914	2,914	11,890	2,973	2,973	2,973
01-6302-05-00-00 Cloud Subscriptions (Internet)	21,049	-	45,300	45,800	11,450	11,450	11,450	11,450	46,716	47,650	48,603	49,575
01-6303-05-00-00 Telecommunications	116,136	123,153	134,300	129,940	32,485	32,485	32,485	32,485	132,539	135,190	137,893	140,651
01-6305-05-00-00 IT Professional Services	158,246	193,545	77,000	157,000	39,250	39,250	39,250	39,250	160,140	163,343	166,610	169,942
01-6306-05-00-00 Small Hardware Purchases (< \$5k)	4,692	75,827	70,000	46,800	11,700	11,700	11,700	11,700	47,736	48,691	49,665	50,658
01-6307-05-00-00 Small Software Purchases & Licenses(<\$5k)	13,469	33,674	89,455	43,735	10,934	10,934	10,934	10,934	44,610	45,502	46,412	47,340
01-6308-05-00-00 IT Memberships	-	521	160	160	40	40	40	40	163	166	170	173
01-6309-05-00-00 Operating Leases	42,880	44,903	44,000	55,200	13,800	13,800	13,800	13,800	56,304	57,430	58,579	59,750
01-6310-05-00-00 Miscellaneous	-	380	5,000	5,000	1,250	1,250	1,250	1,250	5,100	5,202	5,306	5,412
01-6312-05-00-00 Computer & Photocopy Supplies	-	3,194	900	2,275	569	569	569	569	2,320	2,367	2,414	2,462
01-6601-05-00-00 Shipping/Freight	-	0	276	276	69	69	69	69	282	287	293	299
Total Other Expenses	605,426	595,576	670,169	681,596	170,399	170,399	170,399	170,399	693,531	696,549	708,723	721,141
Total IT Expenses	725,730	680,646	824,544	847,620	211,905	211,905	211,905	211,905	868,636	881,257	903,580	926,700
IT Allocations (Out) to PC's & Depts												
01-6400-05-00-00 IT Allocations (OUT) to PC's & Depts.	(725,730)	(680,646)	(824,544)	(847,620)	(211,905)	(211,905)	(211,905)	(211,905)	(868,636)	(881,257)	(903,580)	(926,700)
Total IT Allocations (Out) to PC's & Depts	(725,730)	(680,646)	(824,544)	(847,620)	(211,905)	(211,905)	(211,905)	(211,905)	(868,636)	(881,257)	(903,580)	(926,700)

IT is a Service Center and "ALL" costs are distributed to Departments and Project Committees.

**PC2
Member Agency Allocation**

Flows & Solids Loading FY 2018-19
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FLOW SUMMARY (MGD)

Agency	Budgetd Flow	Budgeted Percentage	Total Avg. Flow to date	FY 18/19 Liquids Allocation %
CSJC	3.19	38.0%	2.12	31.96%
MNWD	1.40	16.7%	1.40	21.10%
SCWD	2.00	23.8%	1.70	25.63%
SMWD	1.80	21.5%	1.41	21.31%
	8.39	100.0%	6.64	100.0%

(1)

(1)

SOLIDS LOADING SUMMARY (Pounds)

Agency	Budgetd Flow	Budgeted Percentage	Total Avg. Loadings to date	FY 18/19 Solids Allocation %
CSJC	8620	33.4%	5767	24.54%
MNWD	5207	20.2%	4396	18.70%
SCWD	5304	20.5%	5391	22.94%
SMWD	6695	25.9%	7949	33.82%
	25826	100.0%	23503	100.0%

(1)

(1)

(1) allocation percentage based on agreement between SMWD and MNWD

**South Orange County Wastewater Authority
PC 2 Line Item Detail and Wastewater Code Percentages 2018-19**

Description	Account #	Total	Wastewater Allocation %				
			Liquids	Solids	C/Liquids	C/Solids	Total
Regular Salaries-O&M	02-5000-01-00-00	1,319,272	52.0%	41.0%	3.5%	3.5%	100.0%
Regular Salaries-O&M	02-5000-02-00-00	153,666	64.0%	13.9%	11.1%	11.1%	100.0%
Overtime Salaries-O&M	02-5001-01-00-00	32,000	55.4%	39.2%	2.7%	2.7%	100.0%
Overtime Salaries-O&M	02-5001-02-00-00	908	100.0%				100.0%
Electricity	02-5002-01-00-00	374,984	65.0%	25.0%	5.0%	5.0%	100.0%
Natural Gas	02-5003-01-00-00	120,020	65.0%	25.0%	5.0%	5.0%	100.0%
Water	02-5004-01-00-00	20,008	40.0%	50.0%	5.0%	5.0%	100.0%
Chlorine/Sodium Hypochlorite	02-5006-01-00-00	28,000	100.0%				100.0%
Polymer Products	02-5007-01-00-00	250,008		100.0%			100.0%
Ferric Chloride	02-5008-01-00-00	105,004		100.0%			100.0%
Odor Control Chemicals	02-5009-01-00-00	28,004	54.0%	46.0%			100.0%
Other Chemicals - Misc.	02-5010-01-00-00	1,000			50.0%	50.0%	100.0%
Laboratory Services	02-5011-02-00-00	10,692	75.0%	25.0%			100.0%
Grit Hauling - 21A	02-5012-01-00-00	50,004	100.0%				100.0%
Landscaping	02-5013-01-00-00	50,004			50.0%	50.0%	100.0%
Engineering - Misc.	02-5014-01-00-00	30,004			50.0%	50.0%	100.0%
Engineering - Misc.	02-5014-02-00-00				50.0%	50.0%	100.0%
Management Support Services	02-5015-01-00-00	50,004			50.0%	50.0%	100.0%
Management Support Services	02-5015-02-00-00	9,000			50.0%	50.0%	100.0%
Legal Fees	02-5017-01-03-00	4,996			50.0%	50.0%	100.0%
Contract Services Misc. - 29	02-5019-01-00-00	115,004			50.0%	50.0%	100.0%
Small Vehicle Expense - 31A	02-5021-01-00-00	8,004	52.0%	41.0%	3.5%	3.5%	100.0%
Small Vehicle Expense - 31A	02-5021-02-00-00		64.0%	13.9%	11.1%	11.1%	100.0%
Miscellaneous Expense	02-5022-01-00-00	8,000			50.0%	50.0%	100.0%
Office Supplies - All	02-5023-01-00-00	27,000			50.0%	50.0%	100.0%
Petroleum Products	02-5024-01-00-00	15,992	80.0%	20.0%			100.0%
Uniforms	02-5025-01-00-00	13,004	52.0%	41.0%	3.5%	3.5%	100.0%
Small Vehicle Fuel - 37A	02-5026-01-00-00	14,988	52.0%	41.0%	3.5%	3.5%	100.0%
Insurance - Property/Liability	02-5027-01-00-00	60,832			50.0%	50.0%	100.0%
Insurance - Property/Liability	02-5027-02-00-00	4,632			50.0%	50.0%	100.0%
Small Tools & Supplies	02-5028-01-00-00	40,004			50.0%	50.0%	100.0%
Small Tools & Supplies	02-5028-02-00-00				50.0%	50.0%	100.0%
Trash Disposal	02-5030-01-00-00	2,000			50.0%	50.0%	100.0%
Safety Supplies	02-5031-01-00-00				50.0%	50.0%	100.0%
Safety Supplies	02-5031-02-00-00	34,704			50.0%	50.0%	100.0%
Equipment Rental	02-5032-01-00-00	3,000			50.0%	50.0%	100.0%
Recruitment	02-5033-01-00-00	1,016	52.0%	41.0%	3.5%	3.5%	100.0%
Recruitment	02-5033-02-00-00		64.0%	13.9%	11.1%	11.1%	100.0%
Travel Expense/Tech. Conferences	02-5034-01-00-00	14,372			50.0%	50.0%	100.0%
Travel Expense/Tech. Conferences	02-5034-02-00-00	4,500			50.0%	50.0%	100.0%
Training Expense	02-5035-01-00-00	11,672			50.0%	50.0%	100.0%
Training Expense	02-5035-02-00-00	14,512			50.0%	50.0%	100.0%
Laboratory Supplies	02-5036-02-00-00	14,296	75.0%	25.0%			100.0%
Office Equipment	02-5037-01-00-00	13,000			50.0%	50.0%	100.0%
Permits	02-5038-01-00-00				50.0%	50.0%	100.0%
Permits	02-5038-02-00-00	22,432			50.0%	50.0%	100.0%
Membership Dues/Fees	02-5039-01-00-00	4,484			50.0%	50.0%	100.0%
Membership Dues/Fees	02-5039-02-00-00	3,560			50.0%	50.0%	100.0%
Biosolids Disposal - 21B	02-5049-01-00-00	600,000		100.0%			100.0%
Contract Services Generators - 29A	02-5050-01-00-00	9,000			50.0%	50.0%	100.0%
Janitorial Services	02-5052-01-00-00	40,004			50.0%	50.0%	100.0%
Contract Serv - Digester Cleaning- 29E	02-5053-01-00-00	60,000			100.0%		100.0%
Diesel Truck Maint - 31B	02-5054-01-00-00	20,996			100.0%		100.0%
Diesel Truck Fuel - 37B	02-5055-01-00-00	6,000			100.0%		100.0%
Maintenance Equip. & Facilities (Solids)	02-5056-01-00-00	142,004			100.0%		100.0%
Maintenance Equip. & Facilities (Liquids)	02-5057-01-00-00	246,996	100.0%				100.0%
Maintenance Equip. & Facilities (Common)	02-5058-01-00-00	27,000			50.0%	50.0%	100.0%
Maintenance Equip. & Facilities (Co-Gen)	02-5059-01-00-00	485,004		100.0%	0.0%	0.0%	100.0%
Mileage	02-5061-01-00-00	1,016	52.0%	41.0%	3.5%	3.5%	100.0%
Mileage	02-5061-02-00-00	1,008	64.0%	13.9%	11.1%	11.1%	100.0%
SCADA Infrastructure	02-5076-01-03-00	19,000			50.0%	50.0%	100.0%
IT Direct	02-5077-01-03-00				50.0%	50.0%	100.0%
Non-Capital Engineering	02-5114-01-00-00				50.0%	50.0%	100.0%
Non-Capital Engineering	02-5114-02-01-00				50.0%	50.0%	100.0%
Vehicle Pay	02-5301-01-01-00		52.0%	41.0%	3.5%	3.5%	100.0%
Performance Based Merit Pay	02-5302-01-00-00		52.0%	41.0%	3.5%	3.5%	100.0%
Group Insurance Waiver	02-5303-01-01-00	3,600	52.0%	41.0%	3.5%	3.5%	100.0%
Group Insurance Waiver	02-5303-02-00-00		64.0%	13.9%	11.1%	11.1%	100.0%
Medicare Tax Payments for Employees	02-5305-01-00-00	3,860	52.0%	41.0%	3.5%	3.5%	100.0%
Medicare Tax Payments for Employees	02-5305-02-00-00		64.0%	13.9%	11.1%	11.1%	100.0%
Scheduled Holiday Work	02-5306-01-01-00	11,992	52.0%	41.0%	3.5%	3.5%	100.0%
Scheduled Holiday Work	02-5306-02-00-00	2,744	64.0%	13.9%	11.1%	11.1%	100.0%
Weekend Shift Pay	02-5307-01-00-00		52.0%	41.0%	3.5%	3.5%	100.0%
Weekend Shift Pay	02-5307-02-00-00		64.0%	13.9%	11.1%	11.1%	100.0%
Comp Time - O&M	02-5315-02-00-00	752	52.0%	41.0%	3.5%	3.5%	100.0%
Operating Leases	02-5309-01-00-00	25,004			50.0%	50.0%	100.0%
Fringe Benefits IN to PC's & Depts.	02-5401-01-00-00	949,876	52.0%	41.0%	3.5%	3.5%	100.0%
Fringe Benefits IN to PC's & Depts.	02-5401-02-00-00	110,640	64.0%	13.9%	11.1%	11.1%	100.0%
Standby Pay	02-5700-01-00-00	27,044	52.0%	41.0%	3.5%	3.5%	100.0%
Monthly Car Allowance	02-5705-01-00-00	8,412	52.0%	41.0%	3.5%	3.5%	100.0%
Monthly Car Allowance	02-5705-02-00-00		64.0%	13.9%	11.1%	11.1%	100.0%
Sales Tax	02-5801-01-00-00				50.0%	50.0%	100.0%
Shipping/Freight	02-5802-02-00-00				50.0%	50.0%	100.0%
Shipping/Freight	02-5802-01-00-00				50.0%	50.0%	100.0%
IT Allocations in to PC's & Depts.	02-6500-01-00-00	189,104			50.0%	50.0%	100.0%
IT Allocations in to PC's & Depts.	02-6500-02-00-00	22,026			50.0%	50.0%	100.0%
Rounding		0					
Total		6,101,668					

**South Orange County Wastewater Authority
PC 02 Distribution by Member Agency and Wastewater Code FY 2018-19**

	Liquids			Solids			Common - Liquids			Common - Solids			Total		
	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance
Member Agency Budget by Wastewater Code															
City of San Juan Capistrano	717,616	677,456	(40,160)	556,976	697,984	141,008	183,100	175,028	(8,072)	178,496	170,660	(7,836)	1,636,188	1,721,128	84,940
Moulton Niguel Water District	473,668	447,276	(26,392)	593,150	531,884	(61,266)	137,336	131,300	(6,036)	128,652	122,964	(5,688)	1,332,806	1,233,424	(99,382)
Santa Margarita Water District	478,412	451,720	(26,692)	599,076	961,924	362,848	102,936	98,472	(4,464)	168,868	161,432	(7,436)	1,349,292	1,673,548	324,256
South Coast Water District	575,512	543,296	(32,216)	520,652	652,468	131,816	171,680	164,052	(7,628)	119,024	113,772	(5,252)	1,386,868	1,473,588	86,720
Total	2,245,208	2,119,748	(125,460)	2,269,854	2,844,260	574,406	595,052	568,852	(26,200)	595,040	568,828	(26,212)	5,705,154	6,101,688	396,534
Budget Change vs. 2015-16 Actual			-5.6%			25.3%			-4.4%			-4.4%			7.0%

	Liquids			Solids			Common - Liquids			Common - Solids			Total		
	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance
Member Agency Wastewater Code Allocation %'s															
City of San Juan Capistrano	32.0%	31.96%	0.0%	24.5%	24.54%	0.0%	30.8%	30.8%	0.0%	30.0%	30.0%	0.0%	28.7%	28.2%	-0.5%
Moulton Niguel Water District	21.1%	21.10%	0.0%	26.1%	18.70%	-7.4%	23.1%	23.1%	0.0%	21.6%	21.6%	0.0%	23.4%	20.2%	-3.1%
Santa Margarita Water District	21.3%	21.31%	0.0%	26.4%	33.82%	7.4%	17.3%	17.3%	0.0%	28.4%	28.4%	0.0%	23.7%	27.4%	3.8%
South Coast Water District	25.6%	25.63%	0.0%	22.9%	22.940%	0.0%	28.9%	28.8%	0.0%	20.0%	20.0%	0.0%	24.3%	24.2%	-0.2%
Total	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%

**PC 5
Member Agency Allocation**

Flows FY 2018-19

Member Agency	Outfall Flows MGD	Outfall Flows %
CSC	2.531	21.6%
CSJC	2.348	20.0%
MNWD	2.013	17.2%
SCWD	1.74	14.8%
SMWD	3.101	26.4%
Total	11.733	100.0%

* allocation based on FY 2016-17 use audit actuals

South Orange County Wastewater Authority
PC 5 Line Item Detail and Wastewater Code Percentages FY 2018-19

Description	Account #	Total	Wastewater Allocation %				
			Fixed	EPS	Var 5%	Var 95%	Total
Regular Salaries-O&M	05-5000-01-11-00	1,842	0.0%		5.0%	95.0%	100.0%
Regular Salaries-O&M	05-5000-02-00-00	122,119	0.0%	0.0%	5.0%	95.0%	100.0%
Overtime Salaries-O&M	05-5001-01-11-00	1,004	0.0%	0.0%	5.0%	95.0%	100.0%
Overtime Salaries-O&M	05-5001-02-00-00	112	0.0%	0.0%	5.0%	95.0%	100.0%
Electricity	05-5002-01-00-00	1,004			5.0%	95.0%	100.0%
Electricity	05-5002-02-00-00	0			5.0%	95.0%	100.0%
Natural Gas	05-5003-01-00-00	512			5.0%	95.0%	100.0%
Natural Gas	05-5003-02-00-00	0			5.0%	95.0%	100.0%
Engineering - Misc.	05-5014-01-00-00	10,000			5.0%	95.0%	100.0%
Engineering - Misc.	05-5014-02-00-00	0			5.0%	95.0%	100.0%
Management Support Services	05-5015-02-00-00	9,404			5.0%	95.0%	100.0%
Legal Fees	05-5017-01-00-00	0			5.0%	95.0%	100.0%
Legal Fees	05-5017-02-00-00	2,000			5.0%	95.0%	100.0%
Miscellaneous Expense	05-5022-02-00-00	0	0.0%	0.0%	5.0%	95.0%	100.0%
Small Vehicle Fuel	05-5026-01-00-00	512	0.0%	0.0%	5.0%	95.0%	100.0%
Small Vehicle Fuel	05-5026-02-00-00	0	0.0%	0.0%	5.0%	95.0%	100.0%
Insurance/Property & Liability	05-5027-01-00-00	100	100.0%				100.0%
Insurance - Property/Liability	05-5027-02-00-00	5,656	100.0%				100.0%
Safety Supplies	05-5031-02-00-00	1,004			5.0%	95.0%	100.0%
Travel Expense/Tech. Conferences	05-5034-02-00-00	4,472			5.0%	95.0%	100.0%
Training	05-5035-02-00-00	548			5.0%	95.0%	100.0%
Laboratory Supplies	05-5036-02-00-00	19,236			5.0%	95.0%	100.0%
Permits	05-5038-02-00-00	155,000	100.0%				100.0%
Natural Gas - 11-EPS - PC 5	05-5040-02-00-00	0		100.0%			100.0%
Electricity - 10-EPS - PC 5	05-5041-02-00-00	0		100.0%			100.0%
Contract Services - 29-EPS - PC 5	05-5042-02-00-00	0		100.0%			100.0%
Offshore Monitoring - 20A	05-5044-02-00-00	18,000			5.0%	95.0%	100.0%
Offshore Biochemistry - 20B	05-5045-02-00-00	64,996			5.0%	95.0%	100.0%
Effluent Chemistry - 20C	05-5046-02-00-00	14,000			5.0%	95.0%	100.0%
Maintenance Equip & Facilities (Solids) 41-A	05-5056-01-02-00	0			5.0%	95.0%	100.0%
Maintenance Equip & Facilities (Common)	05-5058-01-00-00	1,004	100.0%				100.0%
Port Cleaning	05-5067-02-00-00	0			5.0%	95.0%	100.0%
Misc-Capital-Dilution & Metering Study	05-5069-02-00-00	8,000	100.0%				100.0%
Employee Recognition	05-5101-02-00-00	1,004		0.0%	5.0%	95.0%	100.0%
Vehicle Pay	05-5301-02-00-00	0		0.0%	5.0%	95.0%	100.0%
Medicare Tax Payments to Employees	05-5305-02-00-00	2,456		0.0%	5.0%	95.0%	100.0%
Scheduled Holiday Work	05-5306-01-00-00	0	0.0%	0.0%	5.0%	95.0%	100.0%
Scheduled Holiday Work	05-5306-02-00-00	744	0.0%	0.0%	5.0%	95.0%	100.0%
Weekend Shift Pay	05-5307-02-11-00	0	0.0%	0.0%	5.0%	95.0%	100.0%
Fringe Benefits IN to PC's & Depts.	05-5401-01-11-00	1,326	0.0%	0.0%	5.0%	95.0%	100.0%
Fringe Benefits IN to PC's & Depts.	05-5401-02-00-00	87,926	0.0%	0.0%	5.0%	95.0%	100.0%
Monthly Car Allowance	05-5705-02-00-00	4,204	0.0%	0.0%	5.0%	95.0%	100.0%
Sales Tax	05-5801-02-00-00	0					0.0%
Shipping / Freight	05-5802-01-00-00	0			5.0%	95.0%	100.0%
IT Allocations in to PC's & Depts.	05-6500-01-00-00	264			5.0%	95.0%	100.0%
IT Allocations in to PC's & Depts.	05-6500-02-00-00	17,505			5.0%	95.0%	100.0%
Rounding		9					
Total		555,964					

**South Orange County Wastewater Authority
PC 05 Distribution by Member Agency and Wastewater Code FY 2018-19**

	Fixed			Var 5%			VAR 95%			Total		
	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance
Member Agency Budget by Wastewater Code												
City of San Clemente	42,352	28,212	(14,140)	2,448	3,212	764	60,456	79,124	18,668	105,256	110,548	5,292
City of San Juan Capistrano	28,236	18,816	(9,420)	1,644	2,136	492	56,083	73,420	17,337	85,963	94,372	8,409
Moulton Niguel Water District	39,524	26,328	(13,196)	2,280	2,996	716	48,096	62,960	14,864	89,900	92,284	2,384
Santa Margarita Water District	112,932	75,236	(37,696)	6,540	8,568	2,028	74,077	96,972	22,895	193,549	180,776	(12,773)
South Coast Water District	31,776	21,164	(10,612)	1,836	2,416	580	41,565	54,404	12,839	75,177	77,984	2,807
Total	254,820	169,756	(85,064)	14,748	19,328	4,580	280,277	366,880	86,603	549,845	555,964	6,119
Member Agency Wastewater Code Allocation %'s												
City of San Clemente	16.6%	16.6%	0.0%	16.6%	16.6%	0.0%	21.6%	21.6%	0.0%	19.1%	19.9%	0.7%
City of San Juan Capistrano	11.1%	11.1%	0.0%	11.1%	11.1%	-0.1%	20.0%	20.0%	0.0%	15.6%	17.0%	1.3%
Moulton Niguel Water District	15.5%	15.5%	0.0%	15.5%	15.5%	0.0%	17.2%	17.2%	0.0%	16.3%	16.6%	0.2%
Santa Margarita Water District	44.3%	44.3%	0.0%	44.3%	44.3%	0.0%	26.4%	26.4%	0.0%	35.2%	32.5%	-2.7%
South Coast Water District	12.5%	12.5%	0.0%	12.4%	12.5%	0.1%	14.8%	14.8%	0.0%	13.7%	14.0%	0.4%
Total	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%

**South Orange County Wastewater Authority
PC 8 Line Item Detail FY 2018-19**

Description	Account #	Total
Regular Salaries-O&M	08-5000-02-00-00	80,309
Overtime Salaries-O&M	08-5001-02-00-00	1,376
Laboratory Services	08-5011-02-00-00	3,000
Management Support Services	08-5015-02-00-00	4,004
Audit - Environmental	08-5016-02-00-00	500
Legal Fees	08-5017-02-00-00	2,004
Public Notices/ Public Relations	08-5018-02-00-00	2,004
Small Vehicle Expense - 31A	08-5021-02-00-00	1,008
Miscellaneous Expense	08-5022-02-00-00	1,496
Small Vehicle Fuel - 37A	08-5026-02-00-00	1,196
Insurance - Property/Liability	08-5027-02-00-00	2,000
Small Tools & Supplies	08-5028-02-00-00	6,644
Safety Program & Supplies	08-5031-02-00-00	
Travel Expense/Tech. Conferences	08-5034-02-00-00	4,248
Training Expense	08-5035-02-00-00	3,872
Permits and Fines	08-5038-02-00-00	10,008
Memberships	08-5039-02-00-00	324
Scheduled Holiday Work	08-5306-02-00-00	200
Fringe Benefits IN to PC's & Depts.	08-5401-02-00-00	57,823
IT Allocation	08-6500-02-08-00	11511
Rounding		53
Total		193,580

**South Orange County Wastewater Authority
PC 08 Distribution by Member Agency and Wastewater Code FY 2018-19**

	Insurance			Time Card			Total		
	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance
Member Agency Budget by Wastewater Code									
City of Laguna Beach	160	224	64	5,864	7,576	1,712	6,024	7,800	1,776
City of San Clemente	160	224	64	13,064	16,824	3,760	13,224	17,048	3,824
City of San Juan Capistrano	160	224	64	6,868	8,848	1,980	7,028	9,072	2,044
El Toro Water District	160	224	64	3,860	4,972	1,112	4,020	5,196	1,176
Emerald Bay Service District	160	224	64	1,680	2,168	488	1,840	2,392	552
Irvine Ranch Water District	160	224	64	18,072	23,280	5,208	18,232	23,504	5,272
Moulton Niguel Water District	160	224	64	35,267	45,404	10,137	35,427	45,628	10,201
Santa Margarita Water District	160	224	64	38,148	49,132	10,984	38,308	49,356	11,048
South Coast Water District	160	224	64	25,900	33,360	7,460	26,060	33,584	7,524
Total	1,440	2,016	576	148,723	191,564	42,841	150,163	193,580	43,417
Member Agency Wastewater Code Allocation %'s									
City of Laguna Beach	11.1%	11.1%		3.9%	4.0%	0.0%	4.0%	4.0%	0.0%
City of San Clemente	11.1%	11.1%		8.8%	8.8%	0.0%	8.8%	8.8%	0.0%
City of San Juan Capistrano	11.1%	11.1%		4.6%	4.6%	0.0%	4.7%	4.7%	0.0%
El Toro Water District	11.1%	11.1%		2.6%	2.6%	0.0%	2.7%	2.7%	0.0%
Emerald Bay Service District	11.1%	11.1%		1.1%	1.1%	0.0%	1.2%	1.2%	0.0%
Irvine Ranch Water District	11.1%	11.1%		12.2%	12.2%	0.0%	12.1%	12.1%	0.0%
Moulton Niguel Water District	11.1%	11.1%		23.7%	23.7%	0.0%	23.6%	23.6%	0.0%
Santa Margarita Water District	11.1%	11.1%		25.7%	25.6%	0.0%	25.5%	25.5%	0.0%
South Coast Water District	11.1%	11.1%		17.4%	17.4%	0.0%	17.4%	17.3%	0.0%
Total	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%

**PC 12
Member Agency Allocation**

Recycled Water Projections FY 2018-19

Member Agency	Region 9 Recycled Use acft	% RW Use %
SCJC	529	3.6%
ETWD	0	0.0%
IRWD	815	0.0%
MNWD	5888	39.9%
SCWD	918	6.2%
SMWD	6839	46.3%
TCWD	588.5	4.0%
Total	15577.5	100.0%

(1)
(2)

* allocation based on FY 2016-17 use audit actuals

(1) El Toro Water District no longer participating in PC 12 as of FY 17-18

(2) Irvine Ranch Water District no longer participating in PC 12 as of FY 18-19

**South Orange County Wastewater Authority
PC 12 Line Item Detail and Wastewater Code Percentages FY 2018-19**

Description	Account #	Total	Wastewater Allocation %	
			Region 9 (Var)	Equally (Fixed)
Regular Salaries-O&M	12-5000-01-00-00	0	50.0%	50.0%
Regular Salaries-O&M	12-5000-02-00-00	30,391	50.0%	50.0%
Overtime Salaries-O&M	12-5001-02-00-00	0	50.0%	50.0%
Management Support Services	12-5015-02-00-00	130,512	50.0%	50.0%
Legal Fees	12-5017-02-00-00	2,000	50.0%	50.0%
Insurance	12-5027-02-00-00	1,000	50.0%	50.0%
Travel Expense/Tech. Conferences	12-5034-02-00-00	2,240	50.0%	50.0%
Permits	12-5038-02-00-00	18,488	50.0%	50.0%
Medicare Tax Payments for Employees	12-5305-02-00-00	0	50.0%	50.0%
Scheduled Holiday Work	12-5306-02-00-00	0	50.0%	50.0%
Fringe Benefits IN to PC's & Depts.	12-5401-01-00-00	0	50.0%	50.0%
Fringe Benefits IN to PC's & Depts.	12-5401-02-00-00	21,881	50.0%	50.0%
Monthly Car Allowance	12-5705-02-00-00	0	50.0%	50.0%
IT Allocations in to PC's & Depts.	12-6500-02-00-00	4356	50.0%	50.0%
Rounding		12		
Total		210,880		

**South Orange County Wastewater Authority
PC 12 (2SO) Distribution by Member Agency and Wastewater Code FY
2018-19**

	Region 9			Equally			Total		
	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance
Member Agency Budget by Wastewater Code									
City of San Juan Capistrano	3,320	3,772	452	16,268	21,088	4,820	19,588	24,860	5,272
El Toro Water District	-	-	-	-	-	-	-	-	-
Irvine Ranch Water District	5,107	-	(5,107)	16,268	-	(16,268)	21,375	-	(21,375)
Moulton Niguel Water District	36,909	42,052	5,143	16,268	21,088	4,820	53,177	63,140	9,963
Santa Margarita Water District	42,866	48,848	5,982	16,268	21,088	4,820	59,134	69,936	10,802
South Coast Water District	5,751	6,560	809	16,268	21,088	4,820	22,019	27,648	5,629
Trabuco Canyon Water District	3,691	4,208	517	16,268	21,088	4,820	19,959	25,296	5,337
Total	97,644	105,440	7,796	97,608	105,440	7,832	195,252	210,880	15,628
Member Agency Wastewater Code Allocation %'s									
City of San Juan Capistrano	3.4%	3.6%	0.2%	16.7%	20.0%	3.3%	10.0%	11.8%	1.8%
El Toro Water District	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Irvine Ranch Water District	5.2%	0.0%	-5.2%	16.7%	0.0%	-16.7%	10.9%	0.0%	-10.9%
Moulton Niguel Water District	37.8%	39.9%	2.1%	16.7%	20.0%	3.3%	27.2%	29.9%	2.7%
Santa Margarita Water District	43.9%	46.3%	2.4%	16.7%	20.0%	3.3%	30.3%	33.2%	2.9%
South Coast Water District	5.9%	6.2%	0.3%	16.7%	20.0%	3.3%	11.3%	13.1%	1.8%
Trabuco Canyon Water District	3.8%	4.0%	0.2%	16.7%	20.0%	3.3%	10.2%	12.0%	1.8%
Total	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%

**PC 15
Member Agency Allocation**

Flows FY 2018-19

Member Agency	Plant Flows MGD	Plant Flow Percent
CLB	1.77	59.0%
EBSD	0.05	1.7%
SCWD	1.18	39.3%
MNWD	0	0.0%
Total	3	100.0%

* allocation based on FY 2016-17 use audit actuals

**South Orange County Wastewater Authority
PC 15 Line Item Detail and Wastewater Code Percentages FY 2018-19**

Description	Account #	Total	Wastewater Allocation %					Total
			Liquids	Solids	C/Liquids	C/Solids	AWT	
Regular Salaries-O&M	15-5000-01-00-00	774,278	72.0%	0.0%	18.2%	0.0%	9.8%	100.0%
Regular Salaries-O&M	15-5000-02-00-00	123,177	59.9%	0.0%	29.4%	0.0%	10.7%	100.0%
Overtime Salaries-O&M	15-5001-01-00-00	20,008	71.3%	0.0%	10.0%	0.0%	18.7%	100.0%
Overtime Salaries-O&M	15-5001-02-00-00	1,248	65.4%	0.0%		0.0%	34.6%	100.0%
Electricity	15-5002-01-00-00	297,000	94.0%		3.5%		2.5%	100.0%
Natural Gas	15-5003-01-00-00	2,996	95.0%		5.0%	0.0%	0.0%	100.0%
Water	15-5004-01-00-00	13,004	90.0%		10.0%	0.0%		100.0%
Chlorine/Sodium Hypochlorite	15-5006-01-00-00	100,004	1.0%				99.0%	100.0%
Polymer Products	15-5007-01-00-00	2,004	43.0%				57.0%	100.0%
Ferric Chloride	15-5008-01-00-00	30,996	100.0%					100.0%
Odor Control Chemicals	15-5009-01-00-00	85,004	100.0%					100.0%
Other Chemicals - Misc	15-5010-01-00-00		100.0%					100.0%
Laboratory Services	15-5011-02-00-00	11,500	50.0%				50.0%	100.0%
Grit Hauling - 21A	15-5012-01-00-00	30,004	100.0%					100.0%
Landscaping	15-5013-01-00-00	60,008	0.0%		100.0%	0.0%		100.0%
Engineering - Misc.	15-5014-01-00-00	5,000			100.0%	0.0%		100.0%
Engineering - Misc.	15-5014-02-00-00	15,000			100.0%	0.0%		100.0%
Management Support Services	15-5015-01-00-00	5,000			100.0%	0.0%		100.0%
Management Support Services	15-5015-02-00-00	5,000			100.0%	0.0%		100.0%
Legal Fees	15-5017-01-00-00	5,000			100.0%	0.0%		100.0%
Contract Services Misc. - 29	15-5019-01-00-00	110,000			100.0%	0.0%		100.0%
Small Vehicle Expense - 31A	15-5021-01-00-00	6,004	72.0%	0.0%	18.2%	0.0%	9.8%	100.0%
Small Vehicle Expense - 31A	15-5021-02-00-00		59.9%	0.0%	29.4%	0.0%	10.7%	100.0%
Miscellaneous Expense	15-5022-01-00-00	2,996			100.0%	0.0%		100.0%
Office Supplies - All	15-5023-01-00-00	4,004			100.0%	0.0%		100.0%
Petroleum Products	15-5024-01-00-00	2,000	100.0%					100.0%
Uniforms	15-5025-01-00-00	6,004	72.0%	0.0%	18.2%	0.0%	9.8%	100.0%
Small Vehicle Fuel - 37A	15-5026-01-00-00	6,004	72.0%	0.0%	18.2%	0.0%	9.8%	100.0%
Insurance - Property/Liability	15-5027-01-00-00	23,088			100.0%	0.0%		100.0%
Insurance - Property/Liability	15-5027-02-00-00	3,348			100.0%	0.0%		100.0%
Small Tools & Supplies	15-5028-01-00-00	11,000			100.0%	0.0%		100.0%
Trash Disposal	15-5030-01-00-00	2,996			100.0%	0.0%		100.0%
Safety Supplies	15-5031-01-00-00				100.0%	0.0%		100.0%
Safety Supplies	15-5031-02-00-00	34,692			100.0%	0.0%		100.0%
Equipment Rental	15-5032-01-00-00	1,000			100.0%	0.0%		100.0%
Recruitment	15-5033-01-00-00	1,000			100.0%	0.0%		100.0%
Travel Expense/Tech. Conferences	15-5034-01-00-00	14,372			100.0%	0.0%		100.0%
Travel Expense/Tech. Conferences	15-5034-02-00-00	4,500			100.0%	0.0%		100.0%
Training Expense	15-5035-01-00-00	11,668			100.0%	0.0%		100.0%
Training Expense	15-5035-02-00-00	1,984			100.0%	0.0%		100.0%
Laboratory Supplies	15-5036-02-00-00	14,496	75.0%				25.0%	100.0%
Office Equipment	15-5037-01-00-00	2,000			100.0%	0.0%		100.0%
Permits	15-5038-01-00-00				100.0%	0.0%		100.0%
Permits	15-5038-02-00-00	22,000			100.0%	0.0%		100.0%
Membership Dues/Fees	15-5039-01-00-00	968			100.0%	0.0%		100.0%
Membership Dues/Fees	15-5039-02-00-00				100.0%	0.0%		100.0%
Access Road Expenses	15-5047-01-00-00	48,000			100.0%	0.0%		100.0%
Storm Damage	15-5048-01-00-00	20,008			100.0%	0.0%		100.0%
Biosolids Disposal - 21B	15-5049-01-00-00	125,004	100.0%					100.0%
Contract Services Generators - 29A	15-5050-01-00-00	4,004			100.0%	0.0%		100.0%
Janitorial Services	15-5052-01-00-00	20,008			100.0%	0.0%		100.0%
Diesel Truck Maint - 31B	15-5054-01-00-00	1,004	100.0%					100.0%
Diesel Truck Maint Fuel	15-5055-01-00-00	1,004	100.0%					100.0%
Maintenance Equip. & Facilities (Liquids) 4	15-5057-01-00-00	175,000	100.0%					100.0%
Maintenance Equip. & Facilities (Common)	15-5058-01-00-00	21,000			100.0%	0.0%		100.0%
Maintenance Equip. & Facilities (AWT) 41-	15-5060-01-00-00	36,000					100.0%	100.0%
Mileage	15-5061-01-00-00		72.0%	0.0%	18.2%	0.0%	9.8%	100.0%
SCADA Infrastructure	15-5076-01-00-00	19,000			100.0%	0.0%		100.0%
IT Direct	15-5077-01-00-00				100.0%	0.0%		100.0%
Vehicle Pay	15-5301-01-00-00		59.9%	0.0%	29.4%	0.0%	10.7%	100.0%
Performance Based Merit Pay	15-5302-01-00-00		59.9%	0.0%	29.4%	0.0%	10.7%	100.0%
Group Insurance Waiver	15-5303-01-00-00	3,600	72.0%	0.0%	18.2%	0.0%	9.8%	100.0%
Medicare Tax Payments for Employees	15-5305-01-00-00	2,996	72.0%	0.0%	18.2%	0.0%	9.8%	100.0%
Scheduled Holiday Work	15-5306-01-00-00	3,512	72.0%	0.0%	18.2%	0.0%	9.8%	100.0%
Scheduled Holiday Work	15-5306-02-00-00	3,028	59.9%	0.0%	29.4%	0.0%	10.7%	100.0%
Weekend Shift Pay	15-5307-01-00-00		72.0%	0.0%	18.2%	0.0%	9.8%	100.0%
Weekend Shift Pay	15-5307-02-00-00		59.9%	0.0%	29.4%	0.0%	10.7%	100.0%
Fringe Benefits IN to PC's & Depts.	15-5401-01-00-00	557,480	72.0%	0.0%	18.2%	0.0%	9.8%	100.0%
Fringe Benefits IN to PC's & Depts.	15-5401-02-00-00	88,688	59.9%	0.0%	29.4%	0.0%	10.7%	100.0%
Standby Pay	15-5700-01-00-00	16,900	72.0%	0.0%	18.2%	0.0%	9.8%	100.0%
Monthly Car Allowance	15-5705-01-00-00	1,364	72.0%	0.0%	18.2%	0.0%	9.8%	100.0%
Sales Tax	15-5801-01-00-00							0.0%
Sales Tax	15-5801-02-00-00							0.0%
Shipping/Freight	15-5802-01-00-00				100.0%			100.0%
Shipping/Freight	15-5802-02-00-00							0.0%
IT Allocations in to PC's & Depts.	15-6500-01-00-00	110,985			100.0%	0.0%		100.0%
IT Allocations in to PC's & Depts.	15-6500-02-00-00	17,656			100.0%	0.0%		100.0%
Rounding								
Total								

3,148,608

**South Orange County Wastewater Authority
PC 15 Distribution by Member Agency and Wastewater Code FY 2018-19**

	Liquids			Common Liquids			AWT			Total		
	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance
Member Agency Budget by Wastewater Code												
City of Laguna Beach	879,400	1,119,828	240,428	340,840	354,668	13,828	-	-	-	1,220,240	1,474,496	254,256
Emerald Bay Service District	24,836	31,628	6,792	26,876	27,968	1,092	-	-	-	51,712	59,596	7,884
Moulton Niguel Water District	-	-	-	263,019	273,656	10,637	-	-	-	263,019	273,656	10,637
South Coast Water District	586,272	746,560	160,288	268,372	279,276	10,904	334,792	315,024	(19,768)	1,189,436	1,340,860	151,424
Total	1,490,508	1,898,016	407,508	899,107	935,568	36,461	334,792	315,024	(19,768)	2,724,407	3,148,608	424,201
Budget Change vs. 2015-16 Actual			27.3%			4.1%			-5.9%			15.6%

	Liquids			Common Liquids			AWT			Total		
	FY 16/17 Actual	FY 18/19 Budget	% Variance	FY 16/17 Actual	FY 18/19 Budget	% Variance	FY 16/17 Actual	FY 18/19 Budget	% Variance	FY 16/17 Actual	FY 18/19 Budget	% Variance
Member Agency Wastewater Code Allocation %'s												
City of Laguna Beach	59.0%	59.0%	0.0%	37.9%	37.9%	0.0%				44.8%	46.8%	2.0%
Emerald Bay Service District	1.7%	1.7%	0.0%	3.0%	3.0%	0.0%				1.9%	1.9%	0.0%
Moulton Niguel Water District	0.0%	0.0%	0.0%	29.3%	29.3%	0.0%				9.7%	8.7%	-1.0%
South Coast Water District	39.3%	39.3%	0.0%	29.8%	29.9%	0.0%	100.0%	100.0%	0.0%	43.7%	42.6%	-1.1%
Total	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%

**PC 17
Member Agency Allocation**

Flows & Solids Loading FY 2018-19

Liquids				
Member Agency	Plant Influent MGD	Concentrate Flow MGD	Total Liquid Flow MDG	Liquid Flow %
CLB	0	0.014749	0.012200	0.2%
EBS	0	0.000500	0.000400	0.0%
SCWD	0	0.009792	0.008100	0.1%
ETWD	0	0.017046	0.014100	0.2%
MNWD	7.75	0.094484	7.750000	99.6%
Total	7.75	0.136571	7.7848	100.0%

Solids		
	2016/17 #/Day	2016/17 %
CLB	5,133	12.48
ETWD	5,755	13.99
EBS	158	0.39
MNWD	26,532	64.52
SCWD	3,546	8.62
Total	41,124	100.00

AWT		
		Ownership %
CLB		
ETWD		
EBS		
MNWD		100.00
SCWD		
Total		100.00

* allocation based on FY 2016-17 use audit actuals

**South Orange County Wastewater Authority
PC 17 Line Item Detail and Wastewater Code Percentages FY 2018-19**

Description	Account #	Total	Wastewater Allocation %					
			Liquids	Solids	C/Liquids	C/Solids	AWT	Total
Regular Salaries-O&M	17-5000-01-00-00	1,527,885	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Regular Salaries-O&M	17-5000-02-00-00	248,795	41.7%	6.0%	14.7%	14.7%	22.9%	100.0%
Overtime Salaries-O&M	17-5001-01-00-00	55,008	46.1%	43.6%	2.2%	2.2%	5.8%	100.0%
Overtime Salaries-O&M	17-5001-02-00-00	2,712	33.8%	4.0%	9.5%	9.5%	43.3%	100.0%
Electricity	17-5002-01-00-00	381,988	51.5%	32.8%	5.4%	5.4%	5.0%	100.0%
Natural Gas	17-5003-01-00-00	25,000		100.0%				100.0%
Water	17-5004-01-00-00	36,000	37.0%	56.5%	6.5%			100.0%
MNWD Potable Water Supplies & Svcs.	17-5004-02-00-00	0	37.0%	56.5%	6.5%			100.0%
Co-generation Power Credit	17-5005-01-00-00	(250,008)		100.0%				100.0%
Chlorine/Sodium Hypochlorite	17-5006-01-00-00	361,004		4.0%			96.0%	100.0%
Polymer Products	17-5007-01-00-00	406,008	17.5%	82.2%			0.3%	100.0%
Ferric Chloride	17-5008-01-00-00	129,000	20.0%	80.0%				100.0%
Odor Control Chemicals	17-5009-01-00-00	50,000	65.0%	35.0%				100.0%
Other Chemicals - Misc.	17-5010-01-00-00	4,000			50.0%	50.0%		100.0%
Laboratory Services	17-5011-02-00-00	16,504	50.0%	25.0%			25.0%	100.0%
Grit Hauling - 21A	17-5012-01-00-00	54,000	100.0%					100.0%
Landscaping	17-5013-01-00-00	74,996			50.0%	50.0%		100.0%
Engineering - Misc.	17-5014-01-00-00	7,500			50.0%	50.0%		100.0%
Engineering - Misc.	17-5014-02-00-00	25,000			50.0%	50.0%		100.0%
Management Support Services	17-5015-01-00-00	110,000			50.0%	50.0%		100.0%
Management Support Services	17-5015-02-00-00	13,500			50.0%	50.0%		100.0%
Legal Fees	17-5017-01-00-00	5,004			50.0%	50.0%		100.0%
Contract Services Misc. - 29	17-5019-01-00-00	150,008			50.0%	50.0%		100.0%
Postage	17-5020-01-00-00	0			50.0%	50.0%		100.0%
Small Vehicle Expense - 31A	17-5021-01-00-00	6,000	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Miscellaneous Expense	17-5022-01-00-00	5,996			50.0%	50.0%		100.0%
Office Supplies - All	17-5023-01-00-00	7,000			50.0%	50.0%		100.0%
Petroleum Products	17-5024-01-00-00	41,996	7.4%	92.6%				100.0%
Uniforms	17-5025-01-00-00	18,004	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Small Vehicle Fuel - 37A	17-5026-01-00-00	12,988	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Insurance - Property/Liability	17-5027-01-00-00	72,004			50.0%	50.0%		100.0%
Insurance - Property/Liability	17-5027-02-00-00	6,856			50.0%	50.0%		100.0%
Small Tools & Supplies	17-5028-01-00-00	28,008			50.0%	50.0%		100.0%
Trash Disposal	17-5030-01-00-00	1,996			50.0%	50.0%		100.0%
Safety Supplies	17-5031-01-00-00	0			50.0%	50.0%		100.0%
Safety Supplies	17-5031-02-00-00	35,000			50.0%	50.0%		100.0%
Equipment Rental	17-5032-01-00-00	3,008			50.0%	50.0%		100.0%
Recruitment	17-5033-01-00-00	1,000	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Travel Expense/Tech. Conferences	17-5034-01-00-00	14,380			50.0%	50.0%		100.0%
Travel Expense/Tech. Conferences	17-5034-02-00-00	4,496			50.0%	50.0%		100.0%
Training Expense	17-5035-01-00-00	13,668			50.0%	50.0%		100.0%
Training Expense	17-5035-02-00-00	4,908			50.0%	50.0%		100.0%
Laboratory Supplies	17-5036-01-00-00	0	50.0%	25.0%			25.0%	100.0%
Laboratory Supplies	17-5036-02-00-00	22,744	50.0%	25.0%			25.0%	100.0%
Office Equipment	17-5037-01-00-00	9,996			50.0%	50.0%		100.0%
Permits	17-5038-01-00-00	0			50.0%	50.0%		100.0%
Permits	17-5038-02-00-00	40,012			50.0%	50.0%		100.0%
Membership Dues/Fees	17-5039-01-00-00	2,588			50.0%	50.0%		100.0%
Membership Dues/Fees	17-5039-02-00-00	0			50.0%	50.0%		100.0%
Biosolids Disposal - 21B	17-5049-01-00-00	914,004		100.0%				100.0%
Contract Services Generators - 29A	17-5050-01-00-00	8,000			50.0%	50.0%		100.0%
Janitorial Services	17-5052-01-00-00	40,008			50.0%	50.0%		100.0%
Contract Serv - Digester Cleaning - 29E	17-5053-01-00-00	0		100.0%				100.0%
Diesel Truck Maint - 31B	17-5054-01-00-00	19,004		100.0%				100.0%
Diesel Truck Fuel - 37B	17-5055-01-00-00	7,000		100.0%				100.0%
Maintenance Equip. & Facilities (Solids) 41-	17-5056-01-00-00	195,996		100.0%				100.0%
Maintenance Equip. & Facilities (Liquids) 41	17-5057-01-00-00	170,000	100.0%					100.0%
Maintenance Equip. & Facilities (Common) 41	17-5058-01-00-00	26,000			50.0%	50.0%		100.0%
Maintenance Equip. & Facilities (Co-Gen) 4	17-5059-01-00-00	650,008		100.0%				100.0%
Maintenance Equip. & Facilities (AWT) 41-E	17-5060-01-00-00	36,000					100.0%	100.0%
Mileage	17-5061-01-00-00	0	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Mileage	17-5061-02-00-00	0	41.7%	6.0%	14.7%	14.7%	22.9%	100.0%
MNWD Potable Water Supplies & Svcs.	17-5068-02-00-00	24,484					100.0%	100.0%
SCADA Infrastructure	17-5076-01-03-00	19,000			50.0%	50.0%		100.0%
IT Direct	17-5077-01-00-00	0			50.0%	50.0%		100.0%
Employee Recognition	17-5101-01-00-00	0	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Co-Generation Power Credit - Offset	17-5105-01-00-00	249,984	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Vehicle Pay	17-5301-01-00-00	0	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Performance Based Merit Pay	17-5302-01-00-00	0	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Group Insurance Waiver	17-5303-02-00-00	3,612	41.7%	6.0%	14.7%	14.7%	22.9%	100.0%
Medicare Tax Payments for Employees	17-5305-01-00-00	0	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Medicare Tax Payments for Employees	17-5305-02-00-00	132	41.7%	6.0%	14.7%	14.7%	22.9%	100.0%
Scheduled Holiday Work	17-5306-01-00-00	22,004	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Scheduled Holiday Work	17-5306-02-00-00	5,316	41.7%	6.0%	14.7%	14.7%	22.9%	100.0%
Weekend Shift Pay	17-5307-01-00-00	0	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Weekend Shift Pay	17-5307-02-00-00	0	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Comp Time - O&M	17-5315-02-00-00	1,084	41.7%	6.0%	14.7%	14.7%	22.9%	100.0%
Operating Leases	17-5309-01-00-00	6,000	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Fringe Benefits IN to PC's & Depts.	17-5401-01-00-00	1,100,077	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Fringe Benefits IN to PC's & Depts.	17-5401-02-00-00	179,133	41.7%	6.0%	14.7%	14.7%	22.9%	100.0%
Standby Pay	17-5700-01-00-00	25,350	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Monthly Car Allowance	17-5705-01-00-00	7,192	47.4%	43.8%	2.5%	2.5%	3.8%	100.0%
Monthly Car Allowance	17-5705-02-00-00	4,196	41.7%	6.0%	14.7%	14.7%	22.9%	100.0%
Effluent Pond Cleaning	17-5706-01-00-00	90,000	100.0%					100.0%
Sales Tax	17-5801-01-00-00	0			50.0%	50.0%		100.0%
Sales Tax	17-5801-02-00-00	0			50.0%	50.0%		100.0%
Shipping/Freight	17-5802-01-00-00	0			50.0%	50.0%		100.0%
Shipping/Freight	17-5802-02-00-00	0			50.0%	50.0%		100.0%
IT Allocations in to PC's & Depts.	17-6500-01-00-00	219,079			50.0%	50.0%		100.0%
IT Allocations in to PC's & Depts.	17-6500-02-00-00	35,662			50.0%	50.0%		100.0%
Rounding		0						
Total		7,844,876						

**South Orange County Wastewater Authority
PC 17 Distribution by Member Agency and Wastewater Code FY 2018-19**

	Liquids			Solids			AWT			Common Liquids			Common Solids			Total		
	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance
Member Agency Budget by Wastewater Code																		
City of Laguna Beach	3,156	3,608	452	383,616	444,668	61,052	-	-	-	-	-	-	60,436	73,496	13,060	447,208	521,772	74,564
El Toro Water District	3,640	4,176	536	430,152	498,620	68,468	-	-	-	-	-	-	109,944	133,712	23,768	543,736	636,508	92,772
Emerald Bay Service District	100	100	-	11,832	13,708	1,876	-	-	-	-	-	-	3,168	3,864	696	15,100	17,672	2,572
Moulton Niguel Water District	2,009,461	2,302,268	292,807	1,983,112	2,298,708	315,596	540,472	656,816	116,344	619,876	657,468	37,592	316,908	385,332	68,424	5,469,829	6,300,592	830,763
South Coast Water District	2,096	2,396	300	265,060	307,244	42,184	-	-	-	-	-	-	48,272	58,692	10,420	315,428	368,332	52,904
Total	2,018,453	2,312,548	294,095	3,073,772	3,562,948	489,176	540,472	656,816	116,344	619,876	657,468	37,592	538,728	655,096	116,368	6,791,301	7,844,876	1,053,575
Budget Change vs. 2015-16 Actual			14.6%			15.9%			21.5%			6.1%			21.6%			15.5%

	Liquids			Solids			AWT			Common Liquids			Common Solids			Total		
	FY 16/17 Actual	FY 18/19 Budget	% Variance	FY 16/17 Actual	FY 18/19 Budget	% Variance	FY 16/17 Actual	FY 18/19 Budget	% Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	% Variance	FY 16/17 Actual	FY 18/19 Budget	% Variance
Member Agency Wastewater Code Allocation %'s																		
City of Laguna Beach	0.2%	0.2%	0.0%	12.5%	12.5%	0.0%							11.2%	11.2%	0.0%	6.6%	6.7%	0.1%
El Toro Water District	0.2%	0.2%	0.0%	14.0%	14.0%	0.0%							20.4%	20.4%	0.0%	8.0%	8.1%	0.1%
Emerald Bay Service District	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%							0.6%	0.6%	0.0%	0.2%	0.2%	0.0%
Moulton Niguel Water District	99.6%	99.6%	0.0%	64.5%	64.5%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	58.8%	58.8%	0.0%	80.5%	80.3%	-0.2%
South Coast Water District	0.1%	0.1%	0.0%	8.6%	8.6%	0.0%							9.0%	9.0%	0.0%	4.6%	4.7%	0.1%
Total	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%

South Orange County Wastewater Authority
PC 21 Line Item Detail and Wastewater Code Percentages FY 2018-19

Description	Account #	Total	Wastewater Allocation %		
			Reach B/C/D	Reach E	Total
Regular Salaries-O&M	21-5000-01-00-00	500	67.0%	33.0%	100.0%
Regular Salaries-O&M	21-5000-02-00-00		67.0%	33.0%	100.0%
Engineering - Misc.	21-5014-02-00-00	62,496	67.0%	33.0%	100.0%
Management Support Services	21-5015-01-00-00	2,500	67.0%	33.0%	100.0%
Contract Services Misc. - 29	21-5019-02-00-00		67.0%	33.0%	100.0%
Insurance - Property/Liability	21-5027-02-00-00		67.0%	33.0%	100.0%
Small Tools & Supplies	21-5028-01-00-00		67.0%	33.0%	100.0%
Small Tools & Supplies	21-5028-02-00-00		67.0%	33.0%	100.0%
Misc-Capital-Dilution & Metering Study	21-5069-02-00-00		67.0%	33.0%	100.0%
Fringe Benefits IN to PC's & Depts.	21-5401-01-00-00	360	67.0%	33.0%	100.0%
Fringe Benefits IN to PC's & Depts.	21-5401-02-00-00		67.0%	33.0%	100.0%
Rounding		0			
Total					65,856

**South Orange County Wastewater Authority
PC 21 Distribution by Member Agency and Wastewater Code FY 2018-19**

	Reach B/C/D			Reach E			Total		
	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance
Member Agency Budget by Wastewater Code									
El Toro Water District	448	22,060	21,612	100	4,940	4,840	548	27,000	(24,927)
Irvine Ranch Water District	448	22,060	21,612	100	4,940	4,840	548	27,000	(24,927)
Moulton Niguel Water District	-	-	-	240	11,856	11,616	240	11,856	(10,667)
Total	896	44,120	43,224	440	21,736	21,296	1,336	65,856	(60,521)
Member Agency Wastewater Code Allocation %'s									
El Toro Water District	50.0%	50.0%	0.0%	22.7%	22.7%	0.0%	41.0%	41.0%	0.0%
Irvine Ranch Water District	50.0%	50.0%	0.0%	22.7%	22.7%	0.0%	41.0%	41.0%	0.0%
Moulton Niguel Water District				54.5%	54.5%	0.0%	18.0%	18.0%	0.0%
Total	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%

**PC 24
Member Agency Allocation**

Flows FY 2018-19

Member Agency	Outfall Flow MGD	Variable Cost Percent
CLB	1.89	17.7%
EBSD	0.05	0.5%
ETWD	2.46	23.1%
IRWD	2.48	23.2%
MNWD	3.08	28.9%
SCWD	0.70	6.6%
Total	10.66	100.0%

* allocation based on FY 2016-17 use audit actuals

South Orange County Wastewater Authority
PC 24 Line Item Detail and Wastewater Code Percentages FY 2018-19

Description	Account #	Total	Wastewater Allocation %			
			Var 5%	Var 95%	Fixed	Total
Regular Salaries-O&M	24-5000-01-00-00	3,409	5.0%	95.0%		100.0%
Regular Salaries-O&M	24-5000-02-00-00	124,747	5.0%	95.0%		100.0%
Overtime Salaries-O&M	24-5001-01-00-00	504	5.0%	95.0%		100.0%
Overtime Salaries-O&M	24-5001-02-00-00	156	5.0%	95.0%		100.0%
Electricity	24-5002-01-00-00	1,000	5.0%	95.0%		100.0%
Electricity	24-5002-02-00-00	0	5.0%	95.0%		100.0%
Engineering - Misc.	24-5014-01-00-00	0			100.0%	100.0%
Engineering - Misc.	24-5014-02-00-00	20,004			100.0%	100.0%
Management Support Services	24-5015-01-00-00	2,500			100.0%	100.0%
Management Support Services	24-5015-02-00-00	22,508			100.0%	100.0%
Legal	24-5017-01-00-00	0			100.0%	100.0%
Legal	24-5017-02-00-00	2,004			100.0%	100.0%
Insurance - Property/Liability	24-5027-01-00-00	100			100.0%	100.0%
Insurance - Property/Liability	24-5027-02-00-00	5,500			100.0%	100.0%
Safety Supplies	24-5031-02-00-00	996	5.0%	95.0%		100.0%
Travel Expense/Tech. Conferences	24-5034-02-00-00	4,496			100.0%	100.0%
Training	24-5035-02-00-00	524			100.0%	100.0%
Laboratory Supplies	24-5036-02-00-00	19,560	5.0%	95.0%		100.0%
Permits	24-5038-02-00-00	148,004			100.0%	100.0%
Offshore Monitoring - 20A	24-5044-02-00-00	18,000			100.0%	100.0%
Effluent Chemistry - 20C	24-5045-02-00-00	45,004	5.0%	95.0%		100.0%
Effluent Chemistry - 20C	24-5046-02-00-00	14,000	5.0%	95.0%		100.0%
Maintenance Equip. & Facilities(Common)	24-5058-01-00-00	1,000	5.0%	95.0%		100.0%
Inspections/Port Cleaning	24-5067-02-00-00	35,000			100.0%	100.0%
Misc-Capital-Dilution & Metering Study	24-5069-02-00-00	0			100.0%	100.0%
Scheduled Holiday Work	24-5306-01-00-00	92	5.0%	95.0%		100.0%
Scheduled Holiday Work	24-5306-02-00-00	244	5.0%	95.0%		100.0%
Performance Based Merit Pay	24-5302-01-00-00	0	5.0%	95.0%		100.0%
Weekend Shift Pay	24-5307-02-00-00	0	5.0%	95.0%		100.0%
Fringe Benefits IN to PC's & Depts.	24-5401-01-00-00	2,455	5.0%	95.0%		100.0%
Fringe Benefits IN to PC's & Depts.	24-5401-02-00-00	89,818	5.0%	95.0%		100.0%
Shipping and Freight	24-5802-01-00-00	144			100.0%	100.0%
IT Allocations in to PC's & Depts.	24-6500-01-00-00	489			100.0%	100.0%
IT Allocations in to PC's & Depts.	24-6500-02-00-00	17,881			100.0%	100.0%
Rounding		(7)				
Total		580,132				

**South Orange County Wastewater Authority
PC 24 Distribution by Member Agency and Wastewater Code FY 2018-19**

	Fixed			Var 5%			Var 95%			Total		
	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance
Member Agency Budget by Wastewater Code												
City of Laguna Beach	26,316	30,488	4,172	1,252	1,664	412	15,364	50,996	35,632	42,932	83,148	40,216
El Toro Water District	38,984	45,180	6,196	1,844	2,468	624	20,012	66,436	46,424	60,840	114,084	53,244
Emerald Bay Service District	1,868	2,164	296	84	112	28	432	1,428	996	2,384	3,704	1,320
Irvine Ranch Water District	37,696	43,676	5,980	1,784	2,392	608	148,552	66,844	(81,708)	188,032	112,912	(75,120)
Moulton Niguel Water District	104,902	121,528	16,626	4,964	6,640	1,676	25,068	83,244	58,176	134,934	211,412	76,478
South Coast Water District	29,440	34,116	4,676	1,392	1,868	476	5,684	18,888	13,204	36,516	54,872	18,356
Total	239,206	277,152	37,946	11,320	15,144	3,824	215,112	287,836	72,724	465,638	580,132	114,494
Member Agency Wastewater Code Allocation %'s												
City of Laguna Beach	11.0%	11.0%	0.0%	11.1%	11.0%	-0.1%	7.1%	17.7%	10.6%	9.2%	14.3%	5.1%
El Toro Water District	16.3%	16.3%	0.0%	16.3%	16.3%	0.0%	9.3%	23.1%	13.8%	13.1%	19.7%	6.6%
Emerald Bay Service District	0.8%	0.8%	0.0%	0.7%	0.7%	0.0%	0.2%	0.5%	0.3%	0.5%	0.6%	0.1%
Irvine Ranch Water District	15.8%	15.8%	0.0%	15.8%	15.8%	0.0%	69.1%	23.2%	-45.8%	40.4%	19.5%	-20.9%
Moulton Niguel Water District	43.9%	43.8%	0.0%	43.9%	43.8%	0.0%	11.7%	28.9%	17.3%	29.0%	36.4%	7.5%
South Coast Water District	12.3%	12.3%	0.0%	12.3%	12.3%	0.0%	2.6%	6.6%	3.9%	7.8%	9.5%	1.6%
Total	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%

**South Orange County Wastewater Authority
FY 2018-19 Capital Budget w/1-Year Forecast by Member Agency**

	1		2	
	FY 2016-17 Budget	FY 2017-18 Budget	FY 2018-19 Budget	FY 2019-20 Forecast
Total Capital Budget				
Member Agency				
City of Laguna Beach	1,744,512	2,721,008	3,860,745	6,209,711
City of San Clemente	88,397	34,490	34,096	18,755
City of San Juan Capistrano	1,909,263	1,443,398	2,495,730	4,360,875
El Toro Water District	1,222,601	302,207	642,523	744,457
Emerald Bay Service District	121,330	211,704	297,473	484,101
Irvine Ranch Water District	104,627	123,494	207,028	431,000
Moulton Niguel Water District	8,182,063	6,507,220	9,517,769	15,376,395
Santa Margarita Water District	1,633,534	1,045,580	1,980,077	3,162,184
South Coast Water District	3,626,705	3,750,649	6,144,116	8,744,302
Total Member Agency	18,633,032	16,139,750	25,179,557	39,531,780

**South Orange County Wastewater Authority
FY 2018-19 Capital Budget w/Non-Capital Engineering
and Small Internal Capital
by Member Agency**

	FY 2016-17 Budget	FY 2017-18 Budget	FY 2018-19 Budget
Large Capital Projects			
Member Agency			
City of Laguna Beach	1,586,729	2,478,435	3,603,845
City of San Clemente	68,880	32,493	34,096
City of San Juan Capistrano	1,628,761	1,167,218	2,266,470
El Toro Water District	1,173,692	261,041	572,059
Emerald Bay Service District	109,294	193,163	278,301
Irvine Ranch Water District	79,860	122,244	207,028
Moulton Niguel Water District	7,332,571	5,661,139	8,653,081
Santa Margarita Water District	1,385,753	824,980	1,805,565
South Coast Water District	3,121,892	3,293,088	5,703,612
Total Member Agency	16,487,432	14,033,801	23,124,057

*Non-Capital Engineering Projects (O&M Non-Operating Expense)			
Member Agency			
City of Laguna Beach	35,139	758	4,488
City of San Clemente	19,517	-	-
City of San Juan Capistrano	81,218	45,436	-
El Toro Water District	25,105	1,250	8,164
Emerald Bay Service District	2,712	60	236
Irvine Ranch Water District	24,767	1,250	-
Moulton Niguel Water District	384,632	36,331	28,028
Santa Margarita Water District	106,593	42,980	-
South Coast Water District	211,817	30,887	3,584
Total Member Agency	891,500	158,952	44,500

*Small Internal Capital			
Member Agency			
City of Laguna Beach	122,644	241,815	252,412
City of San Clemente	-	1,997	0
City of San Juan Capistrano	199,284	230,744	229,260
El Toro Water District	23,804	39,916	62,300
Emerald Bay Service District	9,324	18,481	18,936
Irvine Ranch Water District	-	-	0
Moulton Niguel Water District	464,860	809,750	836,660
Santa Margarita Water District	141,188	177,620	174,512
South Coast Water District	292,996	426,674	436,920
Total Member Agency	1,254,100	1,946,997	2,011,000

Total Capital Budget			
Member Agency			
City of Laguna Beach	1,744,512	2,721,008	3,860,745
City of San Clemente	88,397	34,490	34,096
City of San Juan Capistrano	1,909,263	1,443,398	2,495,730
El Toro Water District	1,222,601	302,207	642,523
Emerald Bay Service District	121,330	211,704	297,473
Irvine Ranch Water District	104,627	123,494	207,028
Moulton Niguel Water District	8,182,063	6,507,220	9,517,769
Santa Margarita Water District	1,633,534	1,045,580	1,980,077
South Coast Water District	3,626,705	3,750,649	6,144,116
Total Member Agency	18,633,032	16,139,750	25,179,557

*Future Year Expenditures are Included in The Large Capital Plan for fiscal year 2019-20.

South Orange County Wastewater Authority
Project Committee Capital Projects Detail FY 2018-19 by Quarter
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan	Project Life Budget
PC 02 J B Latham						
Liquids						
3212-000 - East Primary Influent Channel Repair	500.00	500.00	500.00	500.00	2,000.00	407,000
3250-000 - Plant 1 Grit Basins and Handling (2017)	1,000.00	1,000.00	1,000.00	1,000.00	4,000.00	467,500
3253-000 - Effluent System Valves Replacement (2107)	500.00	500.00	500.00	500.00	2,000.00	202,000
3280-000 - Facility Improvements B - Basin Upgrades (2018)	3,000.00	3,000.00	3,000.00	3,000.00	12,000.00	1,148,000
3285-000 - Main Plant Drain Line Reconstruction (2018)	1,000.00	1,000.00	-	-	2,000.00	277,000
3350-000 - Motor Control Center M Replacement Design (2019)	-	32,500.00	32,500.00	-	65,000.00	65,000
3351-000 - Facility Improvements B - Basin Upgrades Construction I (2019)	-	-	1,285,000.00	1,910,000.00	3,195,000.00	3,520,000
Total Liquids	6,000.00	38,500.00	1,322,500.00	1,915,000.00	3,282,000.00	6,086,500.00
Common						
3216-000 - Hoist System for Maintenance Shop (2013)	500.00	500.00	40,500.00	40,500.00	82,000.00	82,000
3218-000 - Energy Building Roof reconstruction (2014)	500.00	500.00	100,500.00	100,500.00	202,000.00	202,000
3352-000 - Electrical System Evaluation (2019)	-	32,500.00	32,500.00	-	65,000.00	65,000
Total Common	1,000.00	33,500.00	173,500.00	141,000.00	349,000.00	349,000.00

South Orange County Wastewater Authority
Project Committee Capital Projects Detail FY 2018-19 by Quarter
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan	Project Life Budget
Solids						
3287-000 - Facility Improvements B - DAFT and Ancillary Solids Improvem	12,500.00	12,500.00	-	-	25,000.00	798,000
3353-000 - Centrate System Design (2019)	-	42,500.00	42,500.00	-	85,000.00	85,000
3354-000 - Emulsion Polymer Feeder Replacement (2019)	72,500.00	72,500.00	-	-	145,000.00	145,000
3355-000 - Digester No.4 Rehabilitation (2019)	-	331,500.00	331,500.00	331,500.00	994,500.00	994,500
3356-000 - Facility Improvements B - DAFT and Ancillary Solids Improvem	-	-	755,000.00	1,755,000.00	2,510,000.00	2,510,000
Total Solids	85,000.00	459,000.00	1,129,000.00	2,086,500.00	3,759,500.00	4,532,500.00
Total PC 02 J B Latham	92,000.00	531,000.00	2,625,000.00	4,142,500.00	7,390,500.00	10,968,000.00
PC 05 San Juan Creek Ocean Outfall						
3357-000 - Junction Structure Reinforcement Permitting and Final Design	51,287.00	51,287.00	51,287.00	51,287.00	205,148.00	205,147
Total PC 05 San Juan Creek Ocean Outfall	51,287.00	51,287.00	51,287.00	51,287.00	205,148.00	205,147.00
PC 15 Coastal Treatment Plant						
Liquids						
3358-000 - Personnel Building Reconstruction (2019)	25,000.00	-	68,500.00	68,500.00	162,000.00	160000
3359-000 - Facility Improvements Project Construction - Part I (2019) (-	-	2,261,050.00	3,391,575.00	5,652,625.00	12126625
3360-000 - Vehicle Storage Building Roof (2019)	85,000.00	-	-	-	85,000.00	85,000
3361-000 - AWMA Road Sites West 1 and West 2 Embankment Protection	-	92,500.00	46,250.00	46,250.00	185,000.00	185,000
3362-000 - Aliso Creek Long Term Repair Planning (2019)	21,250.00	21,250.00	21,250.00	21,250.00	85,000.00	85,000
3534-000 - Export Sludge System (1997)	46,250.00	401,250.00	1,086,250.00	1,076,250.00	2,610,000.00	2,610,000
3553-000 - Plant Drainage Improvements (2017)	33,125.00	33,125.00	33,125.00	33,125.00	132,500.00	132500
3592-000 - Facility Improvements Project Design (2018)	15,000.00	-	-	-	15,000.00	1740000
3593-000 - Primary Sludge Valve Replacement (2018)	-	-	-	-	-	84,500
3595-000 - Primary Device Electrical Conduit and Conductor Replacement (-	-	-	-	-	100,000
Total Liquids	225,625.00	548,125.00	3,516,425.00	4,636,950.00	8,927,125.00	17,308,625.00

South Orange County Wastewater Authority
Project Committee Capital Projects Detail FY 2018-19 by Quarter
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan	Project Life Budget
AWT						
3364-000 - Chlorine Contact Basin Mixer Design (AWT) (2018)	25,200.00	50,400.00	50,400.00	-	126,000.00	126,000
3365-000 - MCC A Replacement Construction (AWT) (2019)	67,500.00	67,500.00	67,500.00	-	202,500.00	202,500
3366-000 - AWT Filter Valve Upgrade Construction (AWT) (2019)	107,600.00	215,200.00	215,200.00	-	538,000.00	538,000
3596-000 - Applied Water VFD Pump Panel and Electrical (AWT) (2018)	60,917.00	60,917.00	60,917.00	-	182,751.00	232,500
Total AWT	261,217.00	394,017.00	394,017.00	-	1,049,251.00	1,099,000.00
Total PC 15 Coastal Treatment Plant	486,842.00	942,142.00	3,910,442.00	4,636,950.00	9,976,376.00	18,407,625.00
PC 17 Joint Regional Wastewater Reclamation Liquids						
3367-000 - Southwest Influent Sewer and MH Repair Design (2019)	-	30,000.00	40,000.00	30,000.00	100,000.00	100,000
3368-000 - Aeration System Upgrade (2019)	-	-	300,500.00	300,500.00	601,000.00	995,000
3369-000 - Aeration Gate Replacement (2019)	-	-	130,000.00	130,000.00	260,000.00	430,000
3701-000 - Secondary Electrical System Rerouting (2014)	56,463.00	67,756.00	56,463.00	45,170.00	225,852.00	920,000
3702-000 - Waste Activated Sludge VFD Control Panel (2013)	17,986.00	25,181.00	14,389.00	14,389.00	71,945.00	311,500
3730-000 - Primary Gallery Upgrade (2014)	24,463.00	24,463.00	16,308.00	16,308.00	81,542.00	125,000
3784-000 - Replace DAF (Mannich) Polymer System (2018)	170,984.00	170,984.00	114,197.00	114,197.00	570,362.00	617,500
3785-000 - Replace DAF Dissolution Tank System and Compressors (2018)	66,565.00	92,940.00	53,377.00	53,377.00	266,259.00	367,500
3786-000 - Primary Gallery Mechanical and Electrical Upgrade (2018)	219,003.00	219,003.00	146,002.00	146,002.00	730,010.00	955,000
3787-000 - Aeration Area Upgrade Design (2018)	5,000.00	-	-	-	5,000.00	205,000
Total Liquids	560,464.00	630,327.00	871,236.00	849,943.00	2,911,970.00	5,026,500.00

South Orange County Wastewater Authority
Project Committee Capital Projects Detail FY 2018-19 by Quarter
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan	Project Life Budget
Common						
3370-000 - Admin Building Repair Design (2019)	26,000.00	39,000.00	-	-	65,000.00	65,000
3371-000 - West Slope Protection Evaluation (2019)	-	70,000.00	-	-	70,000.00	70,000
3372-000 - Motor Control Center A, G, H Design (2019)	-	63,000.00	84,000.00	63,000.00	210,000.00	210,000
3373-000 - Southside Plant Flooding Evaluation (2019)	-	50,000.00	-	-	50,000.00	50,000
3374-000 - SE Electrical Manhole Reconstruction (2019)	28,500.00	57,000.00	57,000.00	-	142,500.00	142,500
3761-000 - External Lighting Upgrade	65,425.00	65,425.00	32,713.00	-	163,563.00	252,500
Total Common	119,925.00	344,425.00	173,713.00	63,000.00	701,063.00	790,000.00
Solids						
3375-000 - Phase I Solids Piping Upgrade (2019)	-	221,250.00	265,500.00	221,250.00	708,000.00	885,000
3376-000 - Dewatering Room Floor Sealing and Lighting (2019)	115,000.00	-	-	-	115,000.00	115,000
3377-000 - Energy Building Roof and Breezeway (2019)	-	166,500.00	194,250.00	194,250.00	555,000.00	555,000
3378-000 - SET Condition Assessment (2019)	-	-	-	-	-	-
3379-000 - SET Piping Reconstruction (2019)	4,625.00	16,625.00	16,625.00	16,625.00	54,500.00	82,500
Total Solids	119,625.00	404,375.00	476,375.00	432,125.00	1,432,500.00	1,637,500.00
Total PC 17 Joint Regional Wastewater Reclamation	800,014.00	1,379,127.00	1,521,324.00	1,345,068.00	5,045,533.00	7,454,000.00
PC 21 Effluent Transmission Main						
3380-000 - Trail Bridge Crossing Protection - Phase I (D) (2016)	87,000.00	87,000.00	58,000.00	58,000.00	290,000.00	450,000.00
3381-000 - Aliso Creek Long Term Repair Planning (E) (2019)	20,375.00	20,375.00	20,375.00	20,375.00	81,500.00	81,500.00
Total PC 21 Effluent Transmission Main	107,375.00	107,375.00	78,375.00	78,375.00	371,500.00	531,500.00
PC 24 Aliso Creek Ocean Outfall						
3382-000 - Internal Seal Replacement (2018)	135,000.00	-	-	-	135,000.00	135,000.00
Total PC 24 Aliso Creek Ocean Outfall	135,000.00	-	-	-	135,000.00	135,000.00
Total Work Plan	1,672,518.00	3,010,931.00	8,186,428.00	10,254,180.00	23,124,057.00	37,701,272.00

**South Orange County Wastewater Authority
Capital Projects by Project Committee and Member Agency FY 2018-19**

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	1,009,846	-	-	-	757,385	946,731	568,037	3,282,000
Common	-	-	106,042	-	-	-	77,998	85,237	79,722	349,000
Solids	-	-	1,127,850	-	-	-	812,864	751,900	1,066,886	3,759,500
Total PC 02 J B Latham	-	-	2,243,738	-	-	-	1,648,247	1,783,868	1,714,645	7,390,500
PC 05 San Juan Creek Ocean Outfall	-	34,096	22,732	-	-	-	31,820	25,580	90,920	205,148
PC 15 Coastal Treatment Plant										
Liquids	3,384,313	-	-	266,481	-	-	2,611,518	2,664,813	-	8,927,125
AWT	-	-	-	-	-	-	-	1,049,251	-	1,049,251
Total PC 15 Coastal Treatment Plant	3,384,313	-	-	266,481	-	-	2,611,518	3,714,064	-	9,976,376
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	2,911,970	-	-	2,911,970
Common	43,956	-	-	2,314	71,929	-	547,735	35,130	-	701,064
Solids	160,726	-	-	8,453	292,373	-	842,596	128,351	-	1,432,499
Total PC 17 Joint Regional Wastewater Reclamation	204,682	-	-	10,767	364,302	-	4,302,300	163,481	-	5,045,535
PC 21 Effluent Transmission Main	-	-	-	-	185,752	185,752	-	-	-	371,500
PC 24 Aliso Creek Ocean Outfall	14,850	-	-	1,053	22,005	21,276	59,198	16,619	-	135,000
Total Large Capital Work Plan	3,603,845	34,096	2,266,470	278,301	572,059	207,028	8,653,085	5,703,612	1,805,565	23,124,057
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	4,500	-	-	4,500
Common	-	-	-	-	-	-	-	-	-	-
Solids	4,488	-	-	236	8,164	-	23,528	3,584	-	40,000
Total PC 17 Joint Regional Wastewater Reclamation	4,488	-	-	236	8,164	-	28,028	3,584	-	44,500
Total Non-Capital Engineering Work Plan	4,488	-	-	236	8,164	-	28,028	3,584	-	44,500
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	72,000	-	-	-	54,000	67,500	40,500	234,000
Common	-	-	75,960	-	-	-	55,872	61,056	57,108	250,000
Solids	-	-	81,300	-	-	-	58,596	54,200	76,904	271,000
Total PC 02 J B Latham	-	-	229,260	-	-	-	168,468	182,756	174,512	755,000
PC 15 Coastal Treatment Plant										
Liquids	216,468	-	-	17,044	-	-	167,040	170,448	-	571,000
AWT	-	-	-	-	-	-	-	55,000	-	55,000
Total PC 15 Coastal Treatment Plant	216,468	-	-	17,044	-	-	167,040	225,448	-	626,000
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	190,500	-	-	190,500
Common	16,928	-	-	892	27,704	-	210,952	13,528	-	270,000
Solids	19,016	-	-	1,000	34,596	-	99,700	15,188	-	169,500
Total PC 17 Joint Regional Wastewater Reclamation	35,944	-	-	1,892	62,300	-	501,152	28,716	-	630,000
Total Small Internal Capital Work Plan	252,412	-	229,260	18,936	62,300	-	836,660	436,920	174,512	2,011,000
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	1,081,846	-	-	-	811,385	1,014,231	608,537	3,515,999
Common	-	-	182,002	-	-	-	133,870	146,293	136,830	599,000
Solids	-	-	1,209,150	-	-	-	871,460	806,100	1,143,790	4,030,500
Total PC 02 J B Latham	-	-	2,472,998	-	-	-	1,816,715	1,966,624	1,889,157	8,145,499
PC 05 San Juan Creek Ocean Outfall	-	34,096	22,732	-	-	-	31,820	25,580	90,920	205,148
PC 15 Coastal Treatment Plant										
Liquids	3,600,781	-	-	283,525	-	-	2,778,558	2,835,261	-	9,498,125
AWT	-	-	-	-	-	-	-	1,104,251	-	1,104,251
Total PC 15 Coastal Treatment Plant	3,600,781	-	-	283,525	-	-	2,778,558	3,939,512	-	10,602,376
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	3,106,970	-	-	3,106,970
Common	60,884	-	-	3,206	99,633	-	758,687	48,658	-	971,064
Solids	184,230	-	-	9,689	335,133	-	965,824	147,123	-	1,641,999
Total PC 17 Joint Regional Wastewater Reclamation	245,114	-	-	12,895	434,766	-	4,831,481	195,781	-	5,720,033
PC 21 Effluent Transmission Main	-	-	-	-	185,752	185,752	-	-	-	371,500
PC 24 Aliso Creek Ocean Outfall	14,850	-	-	1,053	22,005	21,276	59,198	16,619	-	135,000
SOCWA Total Capital Work Plan	3,860,745	34,096	2,495,730	297,473	642,523	207,028	9,517,772	6,144,116	1,980,077	25,179,557

South Orange County Wastewater Authority
Capital Projects by Project Committee and Member Agency FY 2018-19
1st Quarter

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	1,846	-	-	-	1,385	1,731	1,038	6,000
Common	-	-	304	-	-	-	223	244	228	1,000
Solids	-	-	25,500	-	-	-	18,378	17,000	24,122	85,000
Total PC 02 J B Latham	-	-	27,650	-	-	-	19,986	18,975	25,388	92,000
PC 05 San Juan Creek Ocean Outfall	-	8,524	5,683	-	-	-	7,955	6,395	22,730	51,287
PC 15 Coastal Treatment Plant										
Liquids	85,535	-	-	6,735	-	-	66,004	67,351	-	225,625
AWT	-	-	-	-	-	-	-	261,217	-	261,217
Total PC 15 Coastal Treatment Plant	85,535	-	-	6,735	-	-	66,004	328,568	-	486,842
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	560,464	-	-	560,464
Common	7,519	-	-	396	12,304	-	93,697	6,009	-	119,926
Solids	13,422	-	-	706	24,415	-	70,363	10,718	-	119,624
Total PC 17 Joint Regional Wastewater Reclamation	20,941	-	-	1,102	36,719	-	724,524	16,727	-	800,014
PC 21 Effluent Transmission Main	-	-	-	-	53,688	53,688	-	-	-	107,375
PC 24 Aliso Creek Ocean Outfall	14,850	-	-	1,053	22,005	21,276	59,198	16,619	-	135,000
Total Large Capital Work Plan	121,326	8,524	33,333	8,890	112,412	74,964	877,667	387,284	48,118	1,672,518
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	1,500	-	-	1,500
Common	-	-	-	-	-	-	-	-	-	-
Solids	2,244	-	-	118	4,082	-	11,764	1,792	-	20,000
Total PC 17 Joint Regional Wastewater Reclamation	2,244	-	-	118	4,082	-	13,264	1,792	-	21,500
Total Non-Capital Engineering Work Plan	2,244	-	-	118	4,082	-	13,264	1,792	-	21,500
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	18,000	-	-	-	13,500	16,875	10,125	58,500
Common	-	-	18,990	-	-	-	13,968	15,264	14,277	62,500
Solids	-	-	20,325	-	-	-	14,649	13,550	19,226	67,750
Total PC 02 J B Latham	-	-	57,315	-	-	-	42,117	45,689	43,628	188,750
PC 15 Coastal Treatment Plant										
Liquids	54,117	-	-	4,261	-	-	41,760	42,612	-	142,750
AWT	-	-	-	-	-	-	-	13,750	-	13,750
Total PC 15 Coastal Treatment Plant	54,117	-	-	4,261	-	-	41,760	56,362	-	156,500
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	47,625	-	-	47,625
Common	4,232	-	-	223	6,926	-	52,738	3,382	-	67,500
Solids	4,754	-	-	250	8,649	-	24,925	3,797	-	42,375
Total PC 17 Joint Regional Wastewater Reclamation	8,986	-	-	473	15,575	-	125,288	7,179	-	157,500
Total Small Internal Capital Work Plan	63,103	-	57,315	4,734	15,575	-	209,165	109,230	43,628	502,750
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	19,846	-	-	-	14,885	18,606	11,163	64,500
Common	-	-	19,294	-	-	-	14,191	15,508	14,505	63,500
Solids	-	-	45,825	-	-	-	33,027	30,550	43,348	152,750
Total PC 02 J B Latham	-	-	84,965	-	-	-	62,103	64,664	69,016	280,750
PC 05 San Juan Creek Ocean Outfall	-	8,524	5,683	-	-	-	7,955	6,395	22,730	51,287
PC 15 Coastal Treatment Plant										
Liquids	139,652	-	-	10,996	-	-	107,764	109,963	-	368,375
AWT	-	-	-	-	-	-	-	274,967	-	274,967
Total PC 15 Coastal Treatment Plant	139,652	-	-	10,996	-	-	107,764	384,930	-	643,342
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	609,589	-	-	609,589
Common	11,751	-	-	619	19,230	-	146,435	9,391	-	187,426
Solids	20,420	-	-	1,074	37,146	-	107,052	16,307	-	181,999
Total PC 17 Joint Regional Wastewater Reclamation	32,171	-	-	1,693	56,376	-	863,076	25,698	-	979,014
PC 21 Effluent Transmission Main	-	-	-	-	53,688	53,688	-	-	-	107,375
PC 24 Aliso Creek Ocean Outfall	14,850	-	-	1,053	22,005	21,276	59,198	16,619	-	135,000
SOCWA Total Capital Work Plan	186,673	8,524	90,648	13,742	132,069	74,964	1,100,096	498,306	91,746	2,196,768

South Orange County Wastewater Authority
Capital Projects by Project Committee and Member Agency FY 2018-19
 2nd Quarter

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	11,846	-	-	-	8,885	11,106	6,663	38,500
Common	-	-	10,179	-	-	-	7,487	8,182	7,652	33,500
Solids	-	-	137,700	-	-	-	99,243	91,800	130,257	459,000
Total PC 02 J B Latham	-	-	159,725	-	-	-	115,615	111,088	144,572	531,000
PC 05 San Juan Creek Ocean Outfall	-	8,524	5,683	-	-	-	7,955	6,395	22,730	51,287
PC 15 Coastal Treatment Plant										
Liquids	207,797	-	-	16,362	-	-	160,347	163,619	-	548,125
AWT	-	-	-	-	-	-	-	394,017	-	394,017
Total PC 15 Coastal Treatment Plant	207,797	-	-	16,362	-	-	160,347	557,636	-	942,142
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	630,327	-	-	630,327
Common	21,595	-	-	1,137	35,338	-	269,096	17,259	-	344,425
Solids	45,371	-	-	2,386	82,533	-	237,853	36,232	-	404,375
Total PC 17 Joint Regional Wastewater Reclamation	66,966	-	-	3,523	117,871	-	1,137,275	53,491	-	1,379,127
PC 21 Effluent Transmission Main	-	-	-	-	53,688	53,688	-	-	-	107,375
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
Total Large Capital Work Plan	274,763	8,524	165,408	19,885	171,559	53,688	1,421,192	728,610	167,302	3,010,931
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	1,500	-	-	1,500
Common	-	-	-	-	-	-	-	-	-	-
Solids	2,244	-	-	118	4,082	-	11,764	1,792	-	20,000
Total PC 17 Joint Regional Wastewater Reclamation	2,244	-	-	118	4,082	-	13,264	1,792	-	21,500
Total Non-Capital Engineering Work Plan	2,244	-	-	118	4,082	-	13,264	1,792	-	21,500
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	18,000	-	-	-	13,500	16,875	10,125	58,500
Common	-	-	18,990	-	-	-	13,968	15,264	14,277	62,500
Solids	-	-	20,325	-	-	-	14,649	13,550	19,226	67,750
Total PC 02 J B Latham	-	-	57,315	-	-	-	42,117	45,689	43,628	188,750
PC 15 Coastal Treatment Plant										
Liquids	54,117	-	-	4,261	-	-	41,760	42,612	-	142,750
AWT	-	-	-	-	-	-	-	13,750	-	13,750
Total PC 15 Coastal Treatment Plant	54,117	-	-	4,261	-	-	41,760	56,362	-	156,500
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	47,625	-	-	47,625
Common	4,232	-	-	223	6,926	-	52,738	3,382	-	67,500
Solids	4,754	-	-	250	8,649	-	24,925	3,797	-	42,375
Total PC 17 Joint Regional Wastewater Reclamation	8,986	-	-	473	15,575	-	125,288	7,179	-	157,500
Total Small Internal Capital Work Plan	63,103	-	57,315	4,734	15,575	-	209,165	109,230	43,628	502,750
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	29,846	-	-	-	22,385	27,981	16,788	97,000
Common	-	-	29,169	-	-	-	21,455	23,446	21,929	96,000
Solids	-	-	158,025	-	-	-	113,892	105,350	149,483	526,750
Total PC 02 J B Latham	-	-	217,040	-	-	-	157,732	156,777	188,200	719,750
PC 05 San Juan Creek Ocean Outfall	-	8,524	5,683	-	-	-	7,955	6,395	22,730	51,287
PC 15 Coastal Treatment Plant										
Liquids	261,914	-	-	20,623	-	-	202,107	206,231	-	690,875
AWT	-	-	-	-	-	-	-	407,767	-	407,767
Total PC 15 Coastal Treatment Plant	261,914	-	-	20,623	-	-	202,107	613,998	-	1,098,642
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	679,452	-	-	679,452
Common	25,827	-	-	1,360	42,264	-	321,834	20,641	-	411,925
Solids	52,369	-	-	2,754	95,264	-	274,542	41,821	-	466,750
Total PC 17 Joint Regional Wastewater Reclamation	78,196	-	-	4,114	137,528	-	1,275,828	62,462	-	1,558,127
PC 21 Effluent Transmission Main	-	-	-	-	53,688	53,688	-	-	-	107,375
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
SOCWA Total Capital Work Plan	340,110	8,524	222,723	24,737	191,216	53,688	1,643,622	839,632	210,930	3,535,185

South Orange County Wastewater Authority
Capital Projects by Project Committee and Member Agency FY 2018-19
3rd Quarter

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	406,923	-	-	-	305,192	381,490	228,894	1,322,499
Common	-	-	52,717	-	-	-	38,776	42,374	39,633	173,500
Solids	-	-	338,700	-	-	-	244,108	225,800	320,392	1,129,000
Total PC 02 J B Latham	-	-	798,340	-	-	-	588,076	649,664	588,919	2,625,000
PC 05 San Juan Creek Ocean Outfall	-	8,524	5,683	-	-	-	7,955	6,395	22,730	51,287
PC 15 Coastal Treatment Plant										
Liquids	1,333,092	-	-	104,968	-	-	1,028,686	1,049,679	-	3,516,425
AWT	-	-	-	-	-	-	-	394,017	-	394,017
Total PC 15 Coastal Treatment Plant	1,333,092	-	-	104,968	-	-	1,028,686	1,443,696	-	3,910,442
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	871,236	-	-	871,236
Common	10,892	-	-	573	17,823	-	135,720	8,705	-	173,713
Solids	53,449	-	-	2,811	97,228	-	280,204	42,683	-	476,375
Total PC 17 Joint Regional Wastewater Reclamation	64,341	-	-	3,384	115,051	-	1,287,160	51,388	-	1,521,326
PC 21 Effluent Transmission Main	-	-	-	-	39,188	39,188	-	-	-	78,376
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
Total Large Capital Work Plan	1,397,433	8,524	804,023	108,352	154,239	39,188	2,911,879	2,151,143	611,649	8,186,428
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	1,500	-	-	1,500
Common	-	-	-	-	-	-	-	-	-	-
Solids	-	-	-	-	-	-	-	-	-	-
Total PC 17 Joint Regional Wastewater Reclamation	-	-	-	-	-	-	1,500	-	-	1,500
Total Non-Capital Engineering Work Plan	-	-	-	-	-	-	1,500	-	-	1,500
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	18,000	-	-	-	13,500	16,875	10,125	58,500
Common	-	-	18,990	-	-	-	13,968	15,264	14,277	62,500
Solids	-	-	20,325	-	-	-	14,649	13,550	19,226	67,750
Total PC 02 J B Latham	-	-	57,315	-	-	-	42,117	45,689	43,628	188,750
PC 15 Coastal Treatment Plant										
Liquids	54,117	-	-	4,261	-	-	41,760	42,612	-	142,750
AWT	-	-	-	-	-	-	-	13,750	-	13,750
Total PC 15 Coastal Treatment Plant	54,117	-	-	4,261	-	-	41,760	56,362	-	156,500
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	47,625	-	-	47,625
Common	4,232	-	-	223	6,926	-	52,738	3,382	-	67,500
Solids	4,754	-	-	250	8,649	-	24,925	3,797	-	42,375
Total PC 17 Joint Regional Wastewater Reclamation	8,986	-	-	473	15,575	-	125,288	7,179	-	157,500
Total Small Internal Capital Work Plan	63,103	-	57,315	4,734	15,575	-	209,165	109,230	43,628	502,750
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	424,923	-	-	-	318,692	398,365	239,019	1,380,999
Common	-	-	71,707	-	-	-	52,744	57,638	53,910	236,000
Solids	-	-	359,025	-	-	-	258,757	239,350	339,618	1,196,750
Total PC 02 J B Latham	-	-	855,655	-	-	-	630,193	695,353	632,547	2,813,749
PC 05 San Juan Creek Ocean Outfall	-	8,524	5,683	-	-	-	7,955	6,395	22,730	51,287
PC 15 Coastal Treatment Plant										
Liquids	1,387,209	-	-	109,229	-	-	1,070,446	1,092,291	-	3,659,175
AWT	-	-	-	-	-	-	-	407,767	-	407,767
Total PC 15 Coastal Treatment Plant	1,387,209	-	-	109,229	-	-	1,070,446	1,500,058	-	4,066,942
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	920,361	-	-	920,361
Common	15,124	-	-	796	24,749	-	188,458	12,087	-	241,213
Solids	58,203	-	-	3,061	105,877	-	305,129	46,480	-	518,750
Total PC 17 Joint Regional Wastewater Reclamation	73,327	-	-	3,857	130,626	-	1,413,948	58,567	-	1,680,324
PC 21 Effluent Transmission Main	-	-	-	-	39,188	39,188	-	-	-	78,376
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
SOCWA Total Capital Work Plan	1,460,536	8,524	861,338	113,086	169,814	39,188	3,122,542	2,260,373	655,277	8,690,670

South Orange County Wastewater Authority
Capital Projects by Project Committee and Member Agency FY 2018-19
4th Quarter

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	589,231	-	-	-	441,923	552,404	331,442	1,915,000
Common	-	-	42,842	-	-	-	31,512	34,437	32,209	141,000
Solids	-	-	625,950	-	-	-	451,135	417,300	592,115	2,086,500
Total PC 02 J B Latham	-	-	1,258,023	-	-	-	924,570	1,004,141	955,766	4,142,500
PC 05 San Juan Creek Ocean Outfall	-	8,524	5,683	-	-	-	7,955	6,395	22,730	51,287
PC 15 Coastal Treatment Plant										
Liquids	1,757,889	-	-	138,416	-	-	1,356,481	1,384,164	-	4,636,950
AWT	-	-	-	-	-	-	-	-	-	-
Total PC 15 Coastal Treatment Plant	1,757,889	-	-	138,416	-	-	1,356,481	1,384,164	-	4,636,950
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	849,943	-	-	849,943
Common	3,950	-	-	208	6,464	-	49,222	3,157	-	63,000
Solids	48,484	-	-	2,550	88,197	-	254,176	38,718	-	432,125
Total PC 17 Joint Regional Wastewater Reclamation	52,434	-	-	2,758	94,661	-	1,153,341	41,875	-	1,345,068
PC 21 Effluent Transmission Main	-	-	-	-	39,188	39,188	-	-	-	78,375
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
Total Large Capital Work Plan	1,810,323	8,524	1,263,706	141,174	133,849	39,188	3,442,347	2,436,575	978,496	10,254,180
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	-	-	-	-
Common	-	-	-	-	-	-	-	-	-	-
Solids	-	-	-	-	-	-	-	-	-	-
Total PC 17 Joint Regional Wastewater Reclamation	-	-	-	-	-	-	-	-	-	-
Total Non-Capital Engineering Work Plan	-	-	-	-	-	-	-	-	-	-
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	18,000	-	-	-	13,500	16,875	10,125	58,500
Common	-	-	18,990	-	-	-	13,968	15,264	14,277	62,500
Solids	-	-	20,325	-	-	-	14,649	13,550	19,226	67,750
Total PC 02 J B Latham	-	-	57,315	-	-	-	42,117	45,689	43,628	188,750
PC 15 Coastal Treatment Plant										
Liquids	54,117	-	-	4,261	-	-	41,760	42,612	-	142,750
AWT	-	-	-	-	-	-	-	13,750	-	13,750
Total PC 15 Coastal Treatment Plant	54,117	-	-	4,261	-	-	41,760	56,362	-	156,500
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	47,625	-	-	47,625
Common	4,232	-	-	223	6,926	-	52,738	3,382	-	67,500
Solids	4,754	-	-	250	8,649	-	24,925	3,797	-	42,375
Total PC 17 Joint Regional Wastewater Reclamation	8,986	-	-	473	15,575	-	125,288	7,179	-	157,500
Total Small Internal Capital Work Plan	63,103	-	57,315	4,734	15,575	-	209,165	109,230	43,628	502,750
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	607,231	-	-	-	455,423	569,279	341,567	1,973,500
Common	-	-	61,832	-	-	-	45,480	49,701	46,486	203,500
Solids	-	-	646,275	-	-	-	465,784	430,850	611,341	2,154,250
Total PC 02 J B Latham	-	-	1,315,338	-	-	-	966,687	1,049,830	999,394	4,331,250
PC 05 San Juan Creek Ocean Outfall	-	8,524	5,683	-	-	-	7,955	6,395	22,730	51,287
PC 15 Coastal Treatment Plant										
Liquids	1,812,006	-	-	142,677	-	-	1,398,241	1,426,776	-	4,779,700
AWT	-	-	-	-	-	-	-	13,750	-	13,750
Total PC 15 Coastal Treatment Plant	1,812,006	-	-	142,677	-	-	1,398,241	1,440,526	-	4,793,450
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	897,568	-	-	897,568
Common	8,182	-	-	431	13,390	-	101,960	6,539	-	130,500
Solids	53,238	-	-	2,800	96,846	-	279,101	42,515	-	474,500
Total PC 17 Joint Regional Wastewater Reclamation	61,420	-	-	3,231	110,236	-	1,278,629	49,054	-	1,502,568
PC 21 Effluent Transmission Main	-	-	-	-	39,188	39,188	-	-	-	78,375
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
SOCWA Total Capital Work Plan	1,873,426	8,524	1,321,021	145,908	149,424	39,188	3,651,512	2,545,805	1,022,124	10,756,930

South Orange County Wastewater Authority
Project Committee Capital Projects Detail FY 2019-20 by Quarter
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 02 J B Latham					
Liquids					
3383-000 - Facility Improvements B - Basin Upgrades Construction I I(20)	2,549,125	1,914,125	1,914,125	1,279,125	7,656,500
3384-000 - Aeration Basin Drain Pump Replacement (2020)	-	60,500	60,500	-	121,000
3385-000 - Facility Improvements D - Basin Upgrades Design I (2020)	-	-	-	165,000	165,000
3386-000 - Plant 1 Blower Building Condition Assessment (2020)	83,000	-	-	-	83,000
3387-000 - MCC 'M' Replacement Construction (2020)	152,667	152,667	152,667	-	458,000
Total Liquids	2,784,792	2,127,292	2,127,292	1,444,125	8,483,500
Common					
3216-000 - Hoist System for Maintenance Shop (2013)	500	500	500	500	2,000
3218-000 - Energy Building Roof reconstruction (2014)	500	500	500	500	2,000
Total Common	1,000	1,000	1,000	1,000	4,000
Solids					
3388-000 - Centrate System Construction (2020)	-	165,667	165,667	165,667	497,000
3389-000 - Facility Improvements B- DAFT and Ancillary Solids Construct	-	-	-	277,500	277,500
3390-000 - Facility Improvements D - Solids Improvements Design (2020)	1,878,750	1,503,750	1,128,750	503,750	5,015,000
Total Solids	1,878,750	1,669,417	1,294,417	946,917	5,789,500
Total PC 02 J B Latham	4,664,542	3,797,708	3,422,708	2,392,042	14,277,000

South Orange County Wastewater Authority
Project Committee Capital Projects Detail FY 2019-20 by Quarter
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 05 San Juan Creek Ocean Outfall					
3391-000 - Junction Structure Reinforcement Construction (2017)	1,959	1,959	1,959	106,959	112,836
Total PC 05 San Juan Creek Ocean Outfall	1,959	1,959	1,959	106,959	112,836
PC 15 Coastal Treatment Plant					
Liquids					
3361-000 - AWMA Road Sites West 1 and West 2 Embankment Protection De	12,500	-	-	-	12,500
3392-000 - Facility Improvements Project Construction - Part II (2020)	4,522,100	3,391,575	3,391,575	2,261,050	13,566,300
3395-000 - South Section Embankment and Protection Design and Permittin	-	64,167	64,167	64,167	192,500
3406-000 - AWMA Road Sites West 1 and West 2 Embankment Protection De	-	-	151,697	151,697	303,394
3534-000 - Export Sludge System (1997)	1,082,500	732,500	-	-	1,815,000
Total Liquids	5,617,100	4,188,242	3,607,439	2,476,914	15,889,694
AWT					
3396-000 - Contact Basin Gates (2020)	46,500	-	93,000	93,000	232,500
Total AWT	46,500	-	93,000	93,000	232,500
Total PC 15 Coastal Treatment Plant	5,663,600	4,188,242	3,700,439	2,569,914	16,122,194

South Orange County Wastewater Authority
Project Committee Capital Projects Detail FY 2019-20 by Quarter
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 17 Joint Regional Wastewater Reclamation					
Liquids					
3368-000 - Aeration System Upgrade (2019)	203,000	153,750	49,250	-	406,000
3369-000 - Aeration Gate Replacement (2019)	173,750	131,250	42,500	-	347,500
3397-000 - AWT No.2 Filter Upgrade (2020)	-	724,500	1,086,750	2,415,000	4,226,250
3398-000 - Southwest Sewer and Manhole Repair Construction (2020)	-	113,000	282,500	169,500	565,000
3701-000 - Secondary Electrical System Rerouting (2014)	1,000	-	-	-	1,000
3702-000 - Waste Activated Sludge VFD Control Panel (2013)	500	-	-	-	500
3730-000 - Primary Gallery Upgrade (2014)	1,500	-	-	-	1,500
3781-000 - Primary Scum Skimmer Replacement (2018)	1,500	-	-	-	1,500
3785-000 - Replace DAF Dissolution Tank System and Compressors (2018)	1,500	-	-	-	1,500
3786-000 - Primary Gallery Mechanical and Electrical Upgrade (2018)	2,000	-	-	-	2,000
Total Liquids	384,750	1,122,500	1,461,000	2,584,500	5,552,750
Common					
3393-000 - West Slope Protection Construction (2020)	90,000	90,000	-	-	180,000
3394-000 - Motor Control Center A, G, H Construction (2020)	-	333,000	832,500	499,500	1,665,000
3399-000 - Admin Building Repair Construction (2020)	65,000	65,000	-	-	130,000
3402-000 - Energy Building Roof and HVAC Reconstruction Design (2020)	-	-	87,500	87,500	175,000
Total Common	155,000	488,000	920,000	587,000	2,150,000
Solids					
3375-000 - Phase I Solids Piping Upgrade (2019)	185,000	-	-	-	185,000
3403-000 - Heat Exchanger and Recirculation System Replacement Design (-	-	42,500	42,500	85,000
3404-000 - Solids Conveyor Replacement Design (2020)	-	-	92,500	92,500	185,000
Total Solids	185,000	-	135,000	135,000	455,000
Total PC 17 Joint Regional Wastewater Reclamation	724,750	1,610,500	2,516,000	3,306,500	8,157,750

South Orange County Wastewater Authority
Project Committee Capital Projects Detail FY 2019-20 by Quarter
 (Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 21 Effluent Transmission Main					
3405-000 - Trail Bridge Crossing Protection - Phase II (D) (2020)	431,000	431,000	-	-	862,000
Total PC 21 Effluent Transmission Main	431,000	431,000	-	-	862,000
Total Work Plan	11,485,851	10,029,409	9,641,106	8,375,414	39,531,780

**South Orange County Wastewater Authority
Non-Capital Engineering FY 2018-19**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 17 Joint Regional Wastewater Reclamation					
Liquids					
4008-000 - Effluent Equalization Pond and Gate Condition Assessment (20	1,500	1,500	1,500	-	4,500
Total Liquids	1,500	1,500	1,500	-	4,500
Solids					
4045-000 - SET Condition Assessment (2019)	20,000	20,000	-	-	40,000
Total Solids	20,000	20,000	-	-	40,000
Total PC 17 Joint Regional Wastewater Reclamation	21,500	21,500	1,500	-	44,500
Total FY 2018-19 Non-capital Engineering Work Plan	21,500	21,500	1,500	-	44,500

**South Orange County Wastewater Authority
Small Internal Capital FY 2018-19**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 02 J B Latham Plant					
Liquids					
2244-000 - 2 ISCO Samplers (between 3 PC's)	1,250	1,250	1,250	1,250	5,000
2245-000 - Laboratory Equipment Replacement (between 3 PC's)	625	625	625	625	2,500
2246-000 - Primary Motor Operated Valves	3,750	3,750	3,750	3,750	15,000
2247-000 - Return Activated Sludge Pump Rebuild	3,750	3,750	3,750	3,750	15,000
2248-000 - 9-Side headworks exhaust fan	2,500	2,500	2,500	2,500	10,000
2249-000 - Effluent pump station gas line	3,750	3,750	3,750	3,750	15,000
2299-015 - New Scum Pump and Controls	11,875	11,875	11,875	11,875	47,500
2299-016 - Raw Sewage Pump Check Valve	2,500	2,500	2,500	2,500	10,000
2299-017 - 4 side blower room skylights	2,500	2,500	2,500	2,500	10,000
2299-018 - Scrubber Fan (4-side)	8,000	8,000	8,000	8,000	32,000
2299-019 - RSP Rebuild	6,250	6,250	6,250	6,250	25,000
2299-020 - Stock pri & sec flights and chain	2,500	2,500	2,500	2,500	10,000
2299-021 - Spare Vulcan or Grit Seperator	9,250	9,250	9,250	9,250	37,000
Total Liquids	58,500	58,500	58,500	58,500	234,000
Solids					
2299-029 - Air Compressor for DAFT	1,875	1,875	1,875	1,875	7,500
2299-030 - Polymer Mixer Replacement	3,750	3,750	3,750	3,750	15,000
2299-031 - Digester mix pump valves	15,000	15,000	15,000	15,000	60,000
2299-032 - Spare RAS Bleach Pump	2,500	2,500	2,500	2,500	10,000

**South Orange County Wastewater Authority
Small Internal Capital FY 2018-19**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
2299-033 - Spare Recirc Pump	2,625	2,625	2,625	2,625	10,500
2299-034 - Ferric Pump	2,500	2,500	2,500	2,500	10,000
2299-035 - Spare Cogen Parts	8,250	8,250	8,250	8,250	33,000
2299-036 - Valves	3,750	3,750	3,750	3,750	15,000
2299-037 - Centrifuge Support Equipment	7,500	7,500	7,500	7,500	30,000
2299-038 - Seepex split case pumps	7,500	7,500	7,500	7,500	30,000
2299-039 - Centrifuge Rebuild	12,500	12,500	12,500	12,500	50,000
Total Solids	67,750	67,750	67,750	67,750	271,000
Common					
2299-022 - Safety Equipment	7,500	7,500	7,500	7,500	30,000
2299-023 - Paint Oil Storage Building	1,875	1,875	1,875	1,875	7,500
2299-024 - Pressure Washer/Steam Cleaner	1,375	1,375	1,375	1,375	5,500
2299-025 - F-250 delivery vehicle (3 Plant Split)	2,500	2,500	2,500	2,500	10,000
2299-026 - 4" Trash Pump	2,500	2,500	2,500	2,500	10,000
2299-027 - New Gate Drives for Plant Entrance	5,000	5,000	5,000	5,000	20,000
2299-028 - Fixed Gas Detector Equipment	5,000	5,000	5,000	5,000	20,000
2299-040 - Surveillance Camera System Upgrades	9,250	9,250	9,250	9,250	37,000
2299-041 - JBL Wireless Project	27,500	27,500	27,500	27,500	110,000
Total Common	62,500	62,500	62,500	62,500	250,000
Total PC2 JB Latham	188,750	188,750	188,750	188,750	755,000
PC 15 Coastal Treatment Plant					
Liquids					
2503-000 - 2 ISCO Samplers (between 3 PC's)	1,250	1,250	1,250	1,250	5,000
2515-000 - Laboratory Equipment Replacement (between 3 PC's)	625	625	625	625	2,500
2516-000 - Replacement Scrubber Water Softener	2,500	2,500	2,500	2,500	10,000
2517-000 - Process Water Pump	2,500	2,500	2,500	2,500	10,000

**South Orange County Wastewater Authority
Small Internal Capital FY 2018-19**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
2518-000 - Secondary Chain and Flights	3,750	3,750	3,750	3,750	15,000
2519-000 - Secondary Drive	2,125	2,125	2,125	2,125	8,500
2568-000 - Valves	5,000	5,000	5,000	5,000	20,000
2569-000 - Primary Skimmer	1,750	1,750	1,750	1,750	7,000
2570-000 - Spare Export Sludge Mixer Gearbox	2,250	2,250	2,250	2,250	9,000
2571-000 - Valves	6,250	6,250	6,250	6,250	25,000
2572-000 - Aeration Panel Replacement	5,000	5,000	5,000	5,000	20,000
2573-000 - Headwork Ventilation Fans	15,000	15,000	15,000	15,000	60,000
2574-000 - Pump Rebuilds	7,500	7,500	7,500	7,500	30,000
Total Liquids	55,500	55,500	55,500	55,500	222,000
Common					
2575-000 - Administration Building Flooring	5,000	5,000	5,000	5,000	20,000
2576-000 - F-250 delivery vehicle (3 Plant Split)	2,500	2,500	2,500	2,500	10,000
2577-000 - Concrete West of Headworks - Driveway	12,500	12,500	12,500	12,500	50,000
2578-000 - Locker Room Remodel and New Sewer	9,750	9,750	9,750	9,750	39,000
2579-000 - Replacement 4X4 Vehicle	7,500	7,500	7,500	7,500	30,000
2580-000 - Safety Equipment	7,500	7,500	7,500	7,500	30,000
2581-000 - Fixed Gas Detector Equipment	5,000	5,000	5,000	5,000	20,000
2586-000 - Surveillance Camera System Upgrades	18,750	18,750	18,750	18,750	75,000
2587-000 - Network Switches (Technology Steering Project, SCADA) - F	18,750	18,750	18,750	18,750	75,000
Total Common	87,250	87,250	87,250	87,250	349,000
AWT					
2582-000 - Spare Turbidity Meter	2,500	2,500	2,500	2,500	10,000
2583-000 - Spare Chlorine Analyzer Equipment	5,000	5,000	5,000	5,000	20,000
2584-000 - AWT Bleach Pump Pad Cover	2,500	2,500	2,500	2,500	10,000
2585-000 - Mixer Shaft and Blade	3,750	3,750	3,750	3,750	15,000
Total AWT	13,750	13,750	13,750	13,750	55,000
Total PC 15 Coastal Treatment Plant	156,500	156,500	156,500	156,500	626,000

**South Orange County Wastewater Authority
Small Internal Capital FY 2018-19**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 17 Joint Regional Wastewater Reclamation					
Liquids					
2712-000 - 2 ISCO Samplers (between 3 PC's)	1,250	1,250	1,250	1,250	5,000
2713-000 - Laboratory Equipment Replacement (between 3 PC's)	625	625	625	625	2,500
2714-000 - Interstage #2 Pump and Motor Rebuild	8,000	8,000	8,000	8,000	32,000
2760-000 - RAS #2 Pump and Motor Rebuild	4,000	4,000	4,000	4,000	16,000
2761-000 - RAS #24 Pump and Motor Rebuild	2,750	2,750	2,750	2,750	11,000
2762-000 - RAS #4 Pump and Motor Rebuild	4,000	4,000	4,000	4,000	16,000
2763-000 - RAS #6 Pump and Motor Rebuild	4,000	4,000	4,000	4,000	16,000
2764-000 - RAS #66 Pump and Motor Rebuild	4,000	4,000	4,000	4,000	16,000
2765-000 - Spare Recirc Pump	2,625	2,625	2,625	2,625	10,500
2766-000 - Check Valves	3,625	3,625	3,625	3,625	14,500
2767-000 - Aeration Panels	6,750	6,750	6,750	6,750	27,000
2768-000 - Ferric Pumps	2,500	2,500	2,500	2,500	10,000
Total Liquids	44,125	44,125	44,125	44,125	176,500
Solids					
2774-000 - Centrifuge Incline Conveyor #2 Rehab	8,750	8,750	8,750	8,750	35,000
2775-000 - Check Valves	3,250	3,250	3,250	3,250	13,000
2776-000 - Spare Recirc Pump	2,625	2,625	2,625	2,625	10,500
2777-000 - Centrifuge Room Lighting	7,500	7,500	7,500	7,500	30,000
2778-000 - Cogen Door Project	3,750	3,750	3,750	3,750	15,000
2779-000 - Centrifuge Rebuild	6,250	6,250	6,250	6,250	25,000
2780-000 - Spare Cogen Parts	10,250	10,250	10,250	10,250	41,000
Total Solids	42,375	42,375	42,375	42,375	169,500
Common					
2769-000 - F-250 delivery vehicle (3 Plant Split)	2,500	2,500	2,500	2,500	10,000
2770-000 - Safety Equipment	7,500	7,500	7,500	7,500	30,000
2771-000 - Fixed Gas Detector Equipment	5,000	5,000	5,000	5,000	20,000
2772-000 - Utility Vehicle	7,500	7,500	7,500	7,500	30,000

**South Orange County Wastewater Authority
Small Internal Capital FY 2018-19**

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
2773-000 - Slurry Seal asphalt	7,500	7,500	7,500	7,500	30,000
2782-000 - Surveillance Camera System Upgrades	18,750	18,750	18,750	18,750	75,000
2783-000 - Network Switches (Technology Steering Project, SCADA) - F	18,750	18,750	18,750	18,750	75,000
Total Common	67,500	67,500	67,500	67,500	270,000
AWT					
2781-000 - Spare AWT Bleach Pump	3,500	3,500	3,500	3,500	14,000
Total AWT	3,500	3,500	3,500	3,500	14,000
Total PC 17 Joint Regional Wastewater Reclamation	157,500	157,500	157,500	157,500	630,000
SOCWA Total FY 2018-19 Small Capital Budget	502,750	502,750	502,750	502,750	2,011,000