



South Orange County Wastewater Authority

Fiscal Year 2019-20 Budget

Approved June 20, 2019



Photo by: Jim Burror



June 20, 2019

**Annual Operating Expenses & Capital Budget
Fiscal Year 2019-20**

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South Orange County Wastewater Authority

FY 2019-20 Budget

Transmittal Letter – June 20, 2019

Honorable Chairperson and Board of Directors:

Enclosed is the Fiscal Year 2019-20 Budget for the South Orange County Wastewater Authority.

The Budget proposes:

- Operations and Maintenance projected spending in the coming fiscal year of \$21,314,846, with an additional detail prepared for future planning purposes through 2023-24.
- Capital projected spending in the coming two fiscal years, \$34,509,964 in FY 2019-20 and \$24,227,339 in FY 2020-21.

The Authority's 2019-20 Accomplishments are:

Organizational

- Initiate discussions with Member Agencies to improve services and meet future needs by updating the JPA Agreement. Agencies desire to address Unfunded Liability and 3rd party liability concerns.
- Continued transition due to retirements of 22 long-term staff members over the last five years and successful program to hire, onboard and train new employees joining SOCWA. Successes include six CWEA Grade 5 qualified operators and additional Grade 4 qualified mechanical and laboratory personnel. In FY 2018-19 SOCWA staff achieved 10 CWEA certification upgrades.
- Supporting employee educational commitments achieving Master's Degree in Public Administration (Amber Baylor), Master's Degree in Professional Accountancy (Konstantin Shilkov), and Certified Professional Contract Management (Jeanette Cotinola).
- Performance quality and job commitment demonstrated by 3 SOCWA employees receiving recognition from Santa Ana River Basin Section of California Water Environment Association in disciplines including laboratory, electrical and mechanical. Congratulations to Laura Watson, Gage Gesiriech, and Kristopher Luce.
- Response to significant legislative and regulatory changes including:
 - Extensive work with statewide agency partners for the development and inclusion of a California Water Quality Management System (CA QMS) to be included within the adoption of TNI as the State Laboratory Standard. TNI as proposed for medium to small agency labs would significantly increase laboratory costs without added benefits to water quality data
 - Participation with the County of Orange and South County MS4 Permittees in evaluation of Comprehensive Human Waste Source Reduction Strategy (response to CHWSRS draft) by proposing that science basis of plan, as applied to SOCWA service area watersheds, needs further investigation

- Engaging with Wastewater Industry organizations in responding to proposed SB 332 (reduction of ocean discharges) and SB 69 (requiring denitrification protocols for POTWs). Region IX Impact Analysis for SB 332 shared with Industry Leaders
- Full evaluation of estimated \$13.4 million in Unfunded Liabilities (UAL) for SOCWA Member Agencies by 2020 and consideration of savings options to meet the challenge.
- SOCWA is responsive to all Joint Legislative Audit Committee Recommendations, with agencies currently addressing remaining challenge to consider JPA Agreement amendment to address UAL and joint liability concerns.
- Response to 5 Major Storm Events with lessons learned driving planned improvements.
- General Counsel completed review of SOCWA policies with adoption of updated CEQA Procedures, Government Claims Act Rules and Regulations, and Investment Policy.
- SOCWA continued contribution to Wastewater Industry through participations in CWEA, CSRMA, CASA, NACWA, CASA, CMFOA, CAPPO and Coalition of Accredited Labs.

Financial

- Reached Board level determination of annual distribution method for the Authority's Unfunded Liabilities (Pension, OPEB and Compensated Absences) to be recorded in Annual Supplemental Financial Statements.
- Supplemental Financial Statements, Net Position and Change in Net Position, completed at PC and Member Agency level using Board approved distribution methodology.
- Quarterly Cash Roll Forward implemented and supporting the return of \$4.2 million in closed out capital and additional cash on hand to Member Agencies.
- Timely Completion of Annual Financial Statements Audit with No Exceptions
- Continue Internal Preparation of Financial Statements.
- Use Audit approved FY June 30, 2018 Ending with process improvement for review of annual flow data.
- Full evaluation of estimated \$13.4 million in Unfunded Liabilities (UAL) for Member Agencies by 2020 and consideration of savings options to meet the challenge.
- Reporting to the Board on the Performance of PARS OPEB Trust Fund.

Staff Hiring and Development

- Establish Internship Program.
- Update SOCWA Substance Abuse Policy.
- Continue training qualified employees to transition knowledge and experience.
- Continue safety program requirements completing supervisory and required training.
- Participation in WEROC and OC EOC training for emergency preparedness.
- Participation in Water Utility Safety Managers Association (WUSMA) Group and South OC Safety Specialists (Group) for OSHA & Cal-OSHA compliance.

Commitment to Environmental Compliance & Safety

- Update to SOCWA Board re: Emergency Response Preparation & Regional Planning.
- Continuing work NPDES Permit work with San Diego Regional Water Board.
- Continuing coordination with Regional Water Board and MNWD to address response to February 2017 storm events.
- Substantial progress in work with Member Agencies to prepare 5-year update to Salt and Nutrient Management Plan to assess recycled water usage and impact to groundwater basins within San Juan Basin hydrologic area.
- Continuing work with Regional Water Board on renewal for the San Diego Region Master Recycled Permit with success in decision to release ETWD and IRWD from Region IX permit.
- NACWA participation benefiting SOCWA Pretreatment Program.
- Participation in SCAP Air Quality Committee, SCAP Water Committee (Staff Co-Chair), IRWM for South Orange County & San Diego Funding Area Participation, CASA Regulatory Workgroup (SOCWA Staff Serving as Chair), CWEA Lab Committee (Staff serving as Vice Chair).

Engineering & Capital Improvements

- Draft 10 Year Plans Prepared: 3 Treatment Plants and 2 Outfalls.
- Projected to complete \$9,328,557 capital improvement program, including:
 - Co-Generation Engine Projects at JBL and RTP Completed – SGIP Grants approved for both projects
 - CTP Sludge Forcemain Project approval from U.S. Fish and Wildlife Service
 - CTP Facilities Improvement Project design completed, and bids received
 - RTP AWT Upgrade Project Design completed
- RTP Aeration Upgrade Design completed.
- RTP Motor Control Center Design awarded.
- RTP Site Improvement Engineering Evaluation awarded.
- RTP Miscellaneous Improvements 2018/2019 bids received.
- JBL Plant 1 Grit Basin Rehabilitation underway.
- JBL Package B design completion and construction awarded.
- CTP Access Road 2017 Storm Emergency Repairs completed.
- CTP Miscellaneous Improvements 2017 completed.
- CTP Tertiary System Upgrades nearing completion.
- CTP Drainage Improvements Design completed.
- CTP Aeration System Evaluation completed.
- Updated Modeling of SJCOO Dilution Performance and Lower Cost Options.
- Innovative Biosolids RFP developed & proposals received.

- Capital planning, design and permitting to accomplish improvements over coming two years totaling:
 - J.B. Latham Plant \$20 million
 - Regional Treatment Plant \$17 million
 - Coastal Treatment Plant \$17 million
- Coordinated Engineering & Finance Manager Review of Open Capital Projects, Capital Cash and Opportunities to return Closed Project funds.
- Expanded Pre-Qualified Contractors list by 3 companies.

Continuing Operational Success

- O&M costs within Annual Budget.
- Leadership to complete Carollo Engineering evaluation of Cost Distributions for all O&M line item costs.
- Leadership to complete the Biosolids Management Strategic Plan Update.
- Small Internal Capital Program investments staff completed at \$1,237,896.
- Installation of additional PLC (programmable logic controllers) at Treatment Plants to increase remote monitoring and control and provide data to support troubleshoot and repair of equipment.
- Through participation in SCAP and CASA monitor SB1383 regulation which could minimize SOCWA's ability to use local landfills. Draft rules appear likely to reestablish Class B land application as a management option for Biosolids statewide. The effort is in the final rulemaking process and the final rules are anticipated to be released in the Fall of 2019.
- Implemented greater staff cross-training in multiple facility operations.
- Substantial support and participation in Orange Crush 2019 Earthquake Preparedness.

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The Authority's Key Initiatives for fiscal year 2019-20 include:

- Continue to provide high quality clean water service to the communities serviced by the SOCWA with focus on Operational and Cost Efficiency:
 - Completion of Regional Board Permitting for Outfalls and Recycled Water Orders
 - Completion of the Update to the Salt & Nutrient Management Plan
- Continue Member Agency work to modernize JPA, PC Agreements to better meet current and future Member Agency needs.
- Complete final State Audit Requirement by addressing in the JPA Agreement an Allocation of Unfunded Liabilities (PERS, OPEB, Compensated Absences).
- Continue work on SOCWA's Capital Improvement future:
 - Engineering Department Staffing Changes
 - Master Plan Decisions for 3 Treatment Plants
 - Accomplish Capital Project Design and Construction Goals
 - Evaluate Biosolids Innovation Proposals
 - Continue PC Meetings to determine Future Plant Utilization by Member Agencies
- Continue Operations Improvements:
 - Achieve identified O&M Safety Improvements at each Plant
 - Continue monitoring Biosolids Disposal regulatory decisions
 - Continue attention manage lower flows and increase in solids at all plants
 - Continue to add operational efficiency using additional SCADA and technology improvements
 - Continue operational/mechanical cross training for service at all Plants
 - Expand staff knowledge to support the CoGen Engines with SOCWA staff
 - Continue staff knowledge transition addressing retirement of Operations Superintendent Dan Wheeler
- Continuing Administration Improvements:
 - Acquire tech solution to gain accuracy and streamline preparation agendas/minutes
- Continuing Industry Participations taking advantage of opportunities to better efficiencies and performance of staff.
- Staff will continue to deliver information to member agencies interested in an increase in the availability of recycled water.

The Authority's staff continue to set strong and aggressive objectives and as demonstrated in 2018-19 results detailed here. Staff 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.

The coming fiscal year will continue to reflect SOCWA's Cost Control Measures; fiscal year 2019-20 budget, \$21,314,846, will decrease by \$300 thousand or -1.4% from fiscal year 2018-19 budget of \$21,614,975 primarily due to reduced operations costs.

The Authority's Fringe Benefits rate will remain flat at 72%.

Authority staff will reduce costs by \$31 thousand by funding PERS "unfunded mandates" at the beginning of the fiscal year.

SOCWA staff is requesting the Board of Directors to adopt the FY 2019-20 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 Actual	Change %	FY 2018-19 Budget	Change %	FY 2019-20 Budget	Change %
O&M Budget by Member Agency									
City of Laguna Beach	1,927,334	1,984,598	3.0%	1,991,775	0.4%	2,410,414	21.0%	2,397,061	-0.6%
City of San Clemente	96,253	135,201	40.5%	156,322	15.6%	173,864	11.2%	146,259	-15.9%
City of San Juan Capistrano	1,868,009	1,995,575	6.8%	2,158,791	8.2%	2,142,692	-0.7%	2,195,284	2.5%
El Toro Water District	731,459	728,928	-0.3%	804,371	10.3%	926,650	15.2%	889,672	-4.0%
Emerald Bay Service District	85,067	81,796	-3.8%	125,522	53.5%	154,266	22.9%	154,448	0.1%
Irvine Ranch Water District	127,723	147,885	15.8%	167,911	13.5%	229,296	36.6%	163,390	-28.7%
Moulton Niguel Water District	8,393,893	8,275,402	-1.4%	8,501,212	2.7%	9,359,055	10.1%	9,149,541	-2.2%
Santa Margarita Water District	1,808,872	2,064,755	14.1%	1,897,222	-8.1%	2,282,511	20.3%	2,210,538	-3.2%
South Coast Water District	3,317,016	3,491,792	5.3%	3,394,390	-2.8%	3,892,644	14.7%	3,946,386	1.4%
Trabuco Canyon Water District	20,940	22,776	8.8%	56,154	146.6%	43,582	-22.4%	62,266	42.9%
Total O&M Budget by Member Agency	18,376,566	18,928,708	3.0%	19,253,672	1.7%	21,614,975	12.3%	21,314,846	-1.4%

In Comparison to SOCWA's FY 2018-19 Budget, FY 2019-20 Budget will decrease by \$300 thousand or -1.4% primarily due to:

- Operations Costs Reductions:
 1. Biosolids Hauling and Disposal, \$284 thousand
 2. Contracts Services, \$174 thousand
 3. Environmental Services, \$103 thousand
 4. Maintenance of Equipment and Facilities, \$74 thousand

Sub-total Operations Costs Reductions, \$635 thousand
- Engineering Miscellaneous moved to Non-Capital Engineering, \$174 thousand reduced O&M costs
- Offsetting the above cost reductions were increased costs as follows:
 1. Payroll Costs, \$260 thousand or 2.5% due to:
 - a) Fringe Benefits, primarily pensions, \$122 thousand
 - b) Salaries and Wages Inflation, 3% Merit and 2.7% COLA (Cost of Living Adjustment per MOU), \$176 thousand or 2.9%
 2. Chemicals, \$218 thousand or 14%
 3. Utilities, \$101 thousand.

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

	FY 2015-16 Actual	FY 2016-17 Actual	Change %	FY 2017-18 Actual	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 %	FY 2023-24 Budget	Change %
O&M Budget by Member Agency																	
City of Laguna Beach	1,927,334	1,984,598	3.0%	1,991,775	0.4%	2,410,414	21.0%	2,397,061	-0.6%	2,415,298	0.8%	2,549,497	5.6%	2,637,708	3.5%	2,748,222	4.2%
City of San Clemente	96,253	135,201	40.5%	156,322	15.6%	173,864	11.2%	146,259	-15.9%	143,218	-2.1%	141,572	-1.1%	147,175	4.0%	152,918	3.9%
City of San Juan Capistrano	1,868,009	1,995,575	6.8%	2,158,791	8.2%	2,142,692	-0.7%	2,195,284	2.5%	2,187,824	-0.3%	2,254,682	3.1%	2,326,521	3.2%	2,393,392	2.9%
El Toro Water District	731,459	728,928	-0.3%	804,371	10.3%	926,650	15.2%	889,672	-4.0%	936,844	5.3%	963,153	2.8%	985,513	2.3%	1,036,005	5.1%
Emerald Bay Service District	85,067	81,796	-3.8%	125,522	53.5%	154,266	22.9%	154,448	0.1%	148,884	-3.6%	155,796	4.6%	161,746	3.8%	168,546	4.2%
Irvine Ranch Water District	127,723	147,885	15.8%	167,911	13.5%	229,296	36.6%	163,390	-28.7%	192,107	17.6%	191,564	-0.3%	197,546	3.1%	211,065	6.8%
Moulton Niguel Water District	8,393,893	8,275,402	-1.4%	8,501,212	2.7%	9,359,055	10.1%	9,149,541	-2.2%	9,293,031	1.6%	9,607,587	3.4%	9,867,071	2.7%	10,274,051	4.1%
Santa Margarita Water District	1,808,872	2,064,755	14.1%	1,897,222	-8.1%	2,282,511	20.3%	2,210,538	-3.2%	2,221,974	0.5%	2,261,129	1.8%	2,283,259	1.0%	2,337,879	2.4%
South Coast Water District	3,317,016	3,491,792	5.3%	3,394,390	-2.8%	3,892,644	14.7%	3,946,386	1.4%	3,987,099	1.0%	4,151,646	4.1%	4,286,912	3.3%	4,441,851	3.6%
Trabuco Canyon Water District	20,940	22,776	8.8%	56,154	146.6%	43,582	-22.4%	62,266	42.9%	58,710	-5.7%	59,808	1.9%	28,374	-52.6%	29,643	4.5%
Total O&M Budget by Member Agency	18,376,566	18,928,708	3.0%	19,253,672	1.7%	21,614,975	12.3%	21,314,846	-1.4%	21,584,987	1.3%	22,336,435	3.5%	22,921,825	2.6%	23,793,572	3.8%

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

	FY 2015-16 Actual	FY 2016-17 Actual	Change %	FY 2017-18 Actual	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 %	FY 2023-24 Budget	Change %
O&M & Environmental, Safety Expenses																	
City of Laguna Beach	1,704,854	1,739,148	2.0%	1,701,896	-2.1%	2,087,216	22.6%	2,065,332	-1.0%	2,098,416	1.6%	2,213,732	5.5%	2,285,244	3.2%	2,379,560	4.1%
City of San Clemente	86,209	118,480	37.4%	95,461	-19.4%	127,596	33.7%	102,808	-19.4%	104,036	1.2%	101,496	-2.4%	105,208	3.7%	109,136	3.7%
City of San Juan Capistrano	1,673,090	1,748,767	4.5%	1,848,072	5.7%	1,849,432	0.1%	1,887,028	2.0%	1,896,428	0.5%	1,952,168	2.9%	2,009,716	2.9%	2,065,568	2.8%
El Toro Water District	655,134	638,776	-2.5%	662,650	3.7%	782,788	18.1%	746,520	-4.6%	797,176	6.8%	818,360	2.7%	834,928	2.0%	877,496	5.1%
Emerald Bay Service District	76,191	71,680	-5.9%	68,504	-4.4%	83,364	21.7%	83,608	0.3%	85,932	2.8%	90,008	4.7%	93,008	3.3%	96,784	4.1%
Irvine Ranch Water District	114,396	129,595	13.3%	105,604	-18.5%	163,416	54.7%	104,728	-35.9%	135,880	29.7%	133,796	-1.5%	137,256	2.6%	147,500	7.5%
Moulton Niguel Water District	7,518,023	7,251,922	-3.5%	7,399,121	2.0%	8,231,992	11.3%	8,005,842	-2.7%	8,182,428	2.2%	8,451,656	3.3%	8,661,076	2.5%	9,013,044	4.1%
Santa Margarita Water District	1,620,123	1,809,391	11.7%	1,619,140	-10.5%	1,973,616	21.9%	1,900,508	-3.7%	1,926,752	1.4%	1,957,888	1.6%	1,971,412	0.7%	2,016,444	2.3%
South Coast Water District	2,970,898	3,059,936	3.0%	2,929,500	-4.3%	3,376,868	15.3%	3,407,984	0.9%	3,470,976	1.8%	3,611,072	4.0%	3,720,360	3.0%	3,852,084	3.5%
Trabuco Canyon Water District	18,755	19,959	6.4%	7,791	-61.0%	25,296	224.7%	41,804	65.3%	40,564	-3.0%	41,008	1.1%	12,572	-69.3%	13,140	4.5%
Total O&M Budget	16,437,673	16,587,654	0.9%	16,437,739	-0.9%	18,701,584	13.8%	18,346,162	-1.9%	18,738,588	2.1%	19,371,184	3.4%	19,830,780	2.4%	20,570,756	3.7%

Member Agency Administration and Residual Engineering Expenses Allocation Percentages

City of Laguna Beach	10.4%	10.5%	10.4%	11.2%	11.3%	11.2%	11.4%	11.5%	11.6%
City of San Clemente	0.5%	0.7%	0.6%	0.7%	0.6%	0.6%	0.5%	0.5%	0.5%
City of San Juan Capistrano	10.2%	10.5%	11.2%	9.9%	10.3%	10.1%	10.1%	10.1%	10.0%
El Toro Water District	4.0%	3.9%	4.0%	4.2%	4.1%	4.3%	4.2%	4.2%	4.3%
Emerald Bay Service District	0.5%	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%	0.5%	0.5%
Irvine Ranch Water District	0.7%	0.8%	0.6%	0.9%	0.6%	0.7%	0.7%	0.7%	0.7%
Moulton Niguel Water District	45.7%	43.7%	45.0%	44.0%	43.6%	43.7%	43.6%	43.7%	43.8%
Santa Margarita Water District	9.9%	10.9%	9.9%	10.6%	10.4%	10.3%	10.1%	9.9%	9.8%
South Coast Water District	18.1%	18.4%	17.8%	18.1%	18.6%	18.5%	18.6%	18.8%	18.7%
Trabuco Canyon Water District	0.1%	0.1%	0.0%	0.1%	0.2%	0.2%	0.2%	0.1%	0.1%
Total Allocation Percentages	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Residual Engineering Expenses	199,826	344,018	414,966	457,455	456,862	422,986	432,529	442,368	452,099
Administration Expenses	1,715,207	1,997,037	2,400,967	2,455,935	2,511,822	2,423,412	2,532,722	2,648,677	2,770,717
Less General Fund			(472,524)	(558,757)	(553,456)	(482,008)	(502,701)	(524,482)	(547,365)
Total Administration and Residual Engineering Expenses	1,915,033	2,341,055	2,343,409	2,354,633	2,415,228	2,364,390	2,462,550	2,566,563	2,675,451
State Revolving Loan (Laguna Beach)	23,860								

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

FY 2015-16 Actual	FY 2016-17 Actual	Change %	FY 2017-18 Actual	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 %	FY 2023-24 Budget	Change %
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Member Agency Administration and Residual Engineering Expenses and Percent Change Year over Year

City of Laguna Beach	198,620	245,450	23.6%	242,627	-1.2%	262,792	8.3%	271,896	3.5%	264,773	-2.6%	281,419	6.3%	295,764	5.1%	309,488	4.6%
City of San Clemente	10,044	16,721	66.5%	13,609	-18.6%	16,065	18.0%	13,534	-15.8%	13,127	-3.0%	12,903	-1.7%	13,616	5.5%	14,194	4.2%
City of San Juan Capistrano	194,919	246,808	26.6%	263,466	6.7%	232,854	-11.6%	248,423	6.7%	239,287	-3.7%	248,168	3.7%	260,104	4.8%	268,650	3.3%
El Toro Water District	76,325	90,152	18.1%	94,469	4.8%	98,557	4.3%	98,278	-0.3%	100,586	2.3%	104,034	3.4%	108,059	3.9%	114,128	5.6%
Emerald Bay Service District	8,876	10,116	14.0%	9,766	-3.5%	10,496	7.5%	11,007	4.9%	10,843	-1.5%	11,442	5.5%	12,037	5.2%	12,588	4.6%
Irvine Ranch Water District	13,327	18,290	37.2%	15,055	-17.7%	20,575	36.7%	13,787	-33.0%	17,145	24.4%	17,009	-0.8%	17,764	4.4%	19,184	8.0%
Moulton Niguel Water District	875,870	1,023,481	16.9%	1,054,839	3.1%	1,036,454	-1.7%	1,053,950	1.7%	1,032,439	-2.0%	1,074,412	4.1%	1,120,944	4.3%	1,172,245	4.6%
Santa Margarita Water District	188,749	255,364	35.3%	230,829	-9.6%	248,489	7.7%	250,197	0.7%	243,113	-2.8%	248,895	2.4%	255,146	2.5%	262,261	2.8%
South Coast Water District	346,118	431,856	24.8%	417,638	-3.3%	425,166	1.8%	448,653	5.5%	437,959	-2.4%	459,055	4.8%	481,501	4.9%	501,006	4.1%
Trabuco Canyon Water District	2,185	2,817	28.9%	1,111	-60.6%	3,185	186.7%	5,503	72.8%	5,118	-7.0%	5,213	1.9%	1,627	-68.8%	1,709	5.0%
Total Administration and Residual Engineering Expenses	1,915,033	2,341,055	22.2%	2,343,409	0.1%	2,354,633	0.5%	2,415,228	2.6%	2,364,390	-2.1%	2,462,550	4.2%	2,566,563	4.2%	2,675,451	4.2%

Member Agency General Fund Expenses and Member Agencies Distribution Percentages

City of Laguna Beach	47,252	10.0%	60,406	10.8%	59,833	10.8%	52,109	10.8%	54,346	10.8%	56,701	10.8%	59,175	10.8%
City of San Clemente	47,252	10.0%	30,203	5.4%	29,917	5.4%	26,055	5.4%	27,173	5.4%	28,350	5.4%	29,587	5.4%
City of San Juan Capistrano	47,252	10.0%	60,406	10.8%	59,833	10.8%	52,109	10.8%	54,346	10.8%	56,701	10.8%	59,175	10.8%
El Toro Water District	47,252	10.0%	45,305	8.1%	44,875	8.1%	39,082	8.1%	40,760	8.1%	42,526	8.1%	44,381	8.1%
Emerald Bay Service District	47,252	10.0%	60,406	10.8%	59,833	10.8%	52,109	10.8%	54,346	10.8%	56,701	10.8%	59,175	10.8%
Irvine Ranch Water District	47,252	10.0%	45,305	8.1%	44,875	8.1%	39,082	8.1%	40,760	8.1%	42,526	8.1%	44,381	8.1%
Moulton Niguel Water District	47,252	10.0%	90,609	16.2%	89,750	16.2%	78,164	16.2%	81,519	16.2%	85,051	16.2%	88,762	16.2%
Santa Margarita Water District	47,252	10.0%	60,406	10.8%	59,833	10.8%	52,109	10.8%	54,346	10.8%	56,701	10.8%	59,175	10.8%
South Coast Water District	47,252	10.0%	90,609	16.2%	89,750	16.2%	78,164	16.2%	81,519	16.2%	85,051	16.2%	88,762	16.2%
Trabuco Canyon Water District	47,252	10.0%	15,102	2.7%	14,958	2.7%	13,027	2.7%	13,587	2.7%	14,175	2.7%	14,794	2.7%
Total Member Agency	472,524	100.0%	558,757	100.0%	553,456	100.0%	482,008	100.0%	502,701	100.0%	524,482	100.0%	547,365	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%	289,879	18.1%	323,198	11.5%	331,729	2.6%	316,882	-4.5%	335,765	6.0%	352,464	5.0%	368,662	4.6%
City of San Clemente	10,044	16,721	66.5%	60,862	264.0%	46,268	-24.0%	43,451	-6.1%	39,182	-9.8%	40,076	2.3%	41,967	4.7%	43,782	4.3%
City of San Juan Capistrano	194,919	246,808	26.6%	310,719	25.9%	293,260	-5.6%	308,256	5.1%	291,396	-5.5%	302,514	3.8%	316,805	4.7%	327,824	3.5%
El Toro Water District	76,325	90,152	18.1%	141,722	57.2%	143,862	1.5%	143,152	-0.5%	139,668	-2.4%	144,793	3.7%	150,585	4.0%	158,509	5.3%
Emerald Bay Service District	8,876	10,116	14.0%	57,018	463.6%	70,902	24.3%	70,840	-0.1%	62,952	-11.1%	65,788	4.5%	68,738	4.5%	71,762	4.4%
Irvine Ranch Water District	13,327	18,290	37.2%	62,308	240.7%	65,880	5.7%	58,662	-11.0%	56,227	-4.2%	57,768	2.7%	60,290	4.4%	63,565	5.4%
Moulton Niguel Water District	875,870	1,023,481	16.9%	1,102,091	7.7%	1,127,063	2.3%	1,143,699	1.5%	1,110,603	-2.9%	1,155,931	4.1%	1,205,995	4.3%	1,261,007	4.6%
Santa Margarita Water District	188,749	255,364	35.3%	278,081	8.9%	308,895	11.1%	310,030	0.4%	295,222	-4.8%	303,241	2.7%	311,847	2.8%	321,435	3.1%
South Coast Water District	346,118	431,856	24.8%	464,890	7.6%	515,776	10.9%	538,402	4.4%	516,123	-4.1%	540,574	4.7%	566,552	4.8%	589,767	4.1%
Trabuco Canyon Water District	2,185	2,817	28.9%	48,363	1616.9%	18,286	-62.2%	20,462	11.9%	18,146	-11.3%	18,800	3.6%	15,802	-15.9%	16,503	4.4%
Total Member Agency	1,915,033	2,341,055	22.2%	2,815,933	20.3%	2,913,391	3.5%	2,968,684	1.9%	2,846,399	-4.1%	2,965,251	4.2%	3,091,045	4.2%	3,222,816	4.3%

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 %	FY 2023-24	Change %
	Actual	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%	1,991,775	0.4%	2,410,414	21.0%	2,397,061	-0.6%	2,415,298	0.8%	2,549,497	5.6%	2,637,708	3.5%	2,748,222	4.2%
City of San Clemente	96,253	135,201	40.5%	156,322	15.6%	173,864	11.2%	146,259	-15.9%	143,218	-2.1%	141,572	-1.1%	147,175	4.0%	152,918	3.9%
City of San Juan Capistrano	1,868,009	1,995,575	6.8%	2,158,791	8.2%	2,142,692	-0.7%	2,195,284	2.5%	2,187,824	-0.3%	2,254,682	3.1%	2,326,521	3.2%	2,393,392	2.9%
El Toro Water District	731,459	728,928	-0.3%	804,371	10.3%	926,650	15.2%	889,672	-4.0%	936,844	5.3%	963,153	2.8%	985,513	2.3%	1,036,005	5.1%
Emerald Bay Service District	85,067	81,796	-3.8%	125,522	53.5%	154,266	22.9%	154,448	0.1%	148,884	-3.6%	155,796	4.6%	161,746	3.8%	168,546	4.2%
Irvine Ranch Water District	127,723	147,885	15.8%	167,911	13.5%	229,296	36.6%	163,390	-28.7%	192,107	17.6%	191,564	-0.3%	197,546	3.1%	211,065	6.8%
Moulton Niguel Water District	8,393,893	8,275,402	-1.4%	8,501,212	2.7%	9,359,055	10.1%	9,149,541	-2.2%	9,293,031	1.6%	9,607,587	3.4%	9,867,071	2.7%	10,274,051	4.1%
Santa Margarita Water District	1,808,872	2,064,755	14.1%	1,897,222	-8.1%	2,282,511	20.3%	2,210,538	-3.2%	2,221,974	0.5%	2,261,129	1.8%	2,283,259	1.0%	2,337,879	2.4%
South Coast Water District	3,317,016	3,491,792	5.3%	3,394,390	-2.8%	3,892,644	14.7%	3,946,386	1.4%	3,987,099	1.0%	4,151,646	4.1%	4,286,912	3.3%	4,441,851	3.6%
Trabuco Canyon Water District	20,940	22,776	8.8%	56,154	146.6%	43,582	-22.4%	62,266	42.9%	58,710	-5.7%	59,808	1.9%	28,374	-52.6%	29,643	4.5%
Total O&M Budget	18,376,566	18,928,708	3.0%	19,253,672	1.7%	21,614,975	12.3%	21,314,846	-1.4%	21,584,987	1.3%	22,336,435	3.5%	22,921,825	2.6%	23,793,572	3.8%

*Member Agency Administration, Residual Engineering and General Fund expenses are distributed to
Project Committees on page 32.

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 Actual	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 %	FY 2023-24 Budget	Mix %	Total 5 Years	5 Year Mix %
Payroll Costs Including Fringe Benefits	9,043,135	49.2%	9,721,033	51.4%	9,613,475	49.9%	10,594,825	49.0%	10,854,730	50.9%	10,707,788	49.6%	11,257,879	50.4%	11,754,145	51.3%	12,256,562	51.5%	56,831,104	50.8%
Chemicals	1,497,173	8.1%	1,381,568	7.3%	1,500,539	7.8%	1,580,028	7.3%	1,797,992	8.4%	1,922,000	8.9%	1,983,988	8.9%	2,081,004	9.1%	2,181,992	9.2%	9,966,976	8.9%
Utilities	1,410,964	7.7%	1,663,124	8.8%	1,996,791	10.4%	1,273,500	5.9%	1,374,064	6.4%	1,442,996	6.7%	1,514,012	6.8%	1,587,008	6.9%	1,665,016	7.0%	7,583,096	6.8%
Biosolids Hauling and Disposal	1,477,697	8.0%	1,481,192	7.8%	1,322,804	6.9%	1,639,008	7.6%	1,355,004	6.4%	1,389,000	6.4%	1,423,996	6.4%	1,460,004	6.4%	1,495,996	6.3%	7,124,000	6.4%
Maintenance - Equip. & Facilities	1,250,934	6.8%	1,111,944	5.9%	1,439,933	7.5%	2,213,012	10.2%	2,138,008	10.0%	2,191,992	10.2%	2,248,012	10.1%	2,305,016	10.1%	2,363,004	9.9%	11,246,032	10.0%
IT	600,405	3.3%	540,227	2.9%	610,194	3.2%	617,096	2.9%	611,140	2.9%	623,363	2.9%	635,830	2.8%	648,547	2.8%	661,518	2.8%	3,180,399	2.8%
Environmental & Safety	917,282	5.0%	970,609	5.1%	724,059	3.8%	1,105,476	5.1%	1,002,612	4.7%	1,120,536	5.2%	1,068,644	4.8%	1,089,616	4.8%	1,149,348	4.8%	5,430,756	4.9%
Engineering Misc	321,482	1.7%	103,820	0.5%	44,434	0.2%	175,004	0.8%	1,000	0.0%	125,504	0.6%	125,504	0.6%	126,504	0.6%	128,968	0.5%	507,480	0.5%
Management Support Serivces	300,550	1.6%	312,617	1.7%	296,315	1.5%	345,932	1.6%	469,812	2.2%	445,892	2.1%	443,924	2.0%	195,020	0.9%	198,963	0.8%	1,753,611	1.6%
IT Direct			296,159	1.6%	500	0.0%			16,080	0.1%	22,004	0.1%	22,004	0.1%	25,000	0.1%	25,000	0.1%	110,088	0.1%
Contract Services - Misc	286,078	1.6%	204,068	1.1%	282,098	1.5%	379,948	1.8%	205,496	1.0%	215,618	1.0%	225,726	1.0%	235,849	1.0%	246,949	1.0%	1,129,638	1.0%
Audit & Legal	233,694	1.3%	264,840	1.4%	360,983	1.9%	317,000	1.5%	323,352	1.5%	330,452	1.5%	336,538	1.5%	343,740	1.5%	350,165	1.5%	1,684,248	1.5%
Facilities	208,757	1.1%	238,640	1.3%	195,862	1.0%	292,020	1.4%	268,996	1.3%	275,996	1.3%	282,988	1.3%	290,992	1.3%	297,984	1.3%	1,416,956	1.3%
Insurance	144,644	0.8%	160,192	0.8%	208,092	1.1%	183,124	0.8%	210,096	1.0%	238,744	1.1%	243,844	1.1%	248,952	1.1%	254,540	1.1%	1,196,176	1.1%
Grit Hauling	141,376	0.8%	120,132	0.6%	121,142	0.6%	134,004	0.6%	128,252	0.6%	132,000	0.6%	135,004	0.6%	137,996	0.6%	140,992	0.6%	674,244	0.6%
Engineering transfer to Capital	(330,338)	-1.8%	(297,202)	-1.6%	(320,695)	-1.7%	(374,357)	-1.7%	(388,534)	-1.8%	(372,946)	-1.7%	(404,777)	-1.8%	(438,998)	-1.9%	(475,777)	-2.0%	(2,081,033)	-1.9%
Other Miscellaneous	872,734	4.7%	655,745	3.5%	857,147	4.5%	1,139,355	5.3%	946,745	4.4%	774,048	3.6%	793,320	3.6%	831,431	3.6%	852,351	3.6%	4,197,895	3.7%
Total SOCWA Cost Base	18,376,566	100.0%	18,928,708	100.0%	19,253,672	100.0%	21,614,975	100.0%	21,314,846	100.0%	21,584,987	100.0%	22,336,435	100.0%	22,921,825	100.0%	23,793,572	100.0%	111,951,665	100.0%

Cost Drivers	16,819,622	17,286,134	17,548,544	19,543,881	19,604,362	19,969,071	20,701,789	21,246,864	22,101,367	103,623,453
% Total Cost Base	91.5%	91.3%	91.1%	90.4%	92.0%	92.5%	92.7%	92.7%	92.9%	92.6%

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

Guide to the Budget

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

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June 20, 2019

**Budget Assumptions
South Orange County Wastewater Authority
Fiscal Year 2019-20**

Fiscal Year 2019-20 with projections through 2023-24, 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)

All functional departments reside within the Operations and Maintenance (O&M) costs and are distributed by Project Committees and Member Agencies.

The Administration department is a service center providing support to Operations, Engineering, Environmental Compliance and Capital Projects. Therefore, these costs are distributed by Project Committees and Member Agencies based on O & M Direct Costs.

Administrative Services include the following:

- Payroll
- Accounts Payable
- Contracts and Procurement
- Human Resources (HR)
- Financial Reporting
- Financial Audits
- Budgets & Use Audits
- JPA Compliance
- Clerk of the Board
- Administrative Services

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.

Due to the retirement of over two-thirds of the Operations Senior Level personnel over the last several years; the majority of the Operations staff is new to the Authority and are in training.

In order to balance the workforce training and supervision with seasoned personnel, FY 2019-20 budget includes a minor re-organization within operations to assist in managing plant operations.

The operations reorganization will not increase headcount from FY 2018-19 level.

The Authority overall headcount of 64 will remain flat with the prior fiscal year budget, FY 2018-19. In FY 2020-2021, overall headcount is anticipated to drop to 61 FTE.

Headcount									
Department	FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Actual	FY 2018-19 Budget	FY 2019-20 Budget	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget	FY 2023-24 Budget
Operations	40	39	42	42	42	40	40	40	40
Environmental Compliance & Safety	10	10	9	9	9	9	9	9	9
Engineering	2	3	3	3	3	3	3	3	3
Administration	7	7	9	9	9	8	8	8	8
IT	1	1	1	1	1	1	1	1	1
Total	60	60	64	64	64	61	61	61	61

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 FY 2018-19) 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 2018-19 will be reduced due to the completion of the construction and time will be repurposed to preventative and ongoing maintenance.

Projected Operational Cost changes are based on:

- a) Flows and loads are based on results of FY end 2018 use audit with the exception of PC 2 (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. The agreement also directs staff to assume that MNWD's solids are based on the influent strength of the sewage to the 3A Plant with the balance of the solids being attributed to SMWD.
- b) CPUC projected rate increases are used to calculate most utility cost changes, and for Co-Gen engine operations actual operating results will be used as the basis for projecting electricity and natural gas costs.
- c) Cogen engine maintenance costs will be reduced to match actual experience gained during the first full year of operations:
 - PC 2 JB Latham \$485,000 to \$370,000
 - PC 17 Regional \$650,000 to \$588,000
- d) Inflation for Non-labor expenses will be assumed at 2.5%.
- e) Long-term contract rates will be used for contracted supplies and services.

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 2.7% 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" which is applied to pensionable payroll dollars.

Employer Normal Cost Rate FY 2019-20				
Pension Plans	Annual % of Payroll	Pensionable Payroll \$'s	Employer's Normal Costs	Increase/ (Decrease)
Tier 1 Classic	11.432%	\$3,469,774	\$396,665	
Tier 2 Classic	10.221%	963,923	98,523	
Tier 3 PEPRA	6.985%	1,843,854	128,793	
Total		\$6,277,551	\$623,980	7.3%
FY 18-19 Budget			\$581,590	

- d) The Authority will pay the Annual Lump Sum Payment Option for Unfunded Pension Liability rather than monthly payments; resulting in interest savings of \$30,891.

Unfunded Pension Liability Required Annual Payment FY 2019-20					
Pension Plans	Annual Lump Sum Payment	Monthly Payments	Annual Interest Savings	Increase/ (Decrease)	Without Savings
Tier 1 Classic	\$860,906	\$891,568	\$30,662		
Tier 2 Classic	3,472	3,596	\$124		
Tier 3 PEPRA	2,959	3,065	\$106		
Total	\$867,337	\$898,228	\$30,891	16.6%	20.8%
FY 18-19 Budget	\$743,842				

- e) Medicare tax, holiday, vacation, sick and personal time were calculated based on the individual employee earning rate; paid time off accruals are:

Paid Time Off Accruals FY 2019-20							
	Holiday	Vacation	Sick	Personal	Admin	Total	Increase/ (Decrease)
O&M	\$166,271	\$241,315	\$183,319	\$55,997	\$9,547	\$656,450	
Environmental	41,056	65,976	45,733	13,877	4,208	170,848	
Engr	17,512	33,797	26,080	7,919	3,411	88,720	
Admin	43,565	63,340	47,245	14,697	9,265	178,112	
IT	4,285	4,344	4,344	1,466	987	15,427	
Total	\$272,688	\$408,773	\$306,722	\$93,955	\$27,418	\$1,109,556	4.3%
FY 18-19 Budget						\$1,063,946	

- f) 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. Standard group medical insurance increases beyond 2020 are projected at 3.3%.

Group Insurance FY 2019-20		Increase/ (Decrease)
CalPERS Health	\$751,719	
CalPERS Admin Fee	1,729	
Mutual Omaha Life Ins.	25,200	
Guardian Life Dental	102,000	
Vision Service Plan	14,400	
Total Group Insurance	\$895,048	-11.0%
Total 18/19 Budget	\$1,005,463	

- g) Retiree Health "PAY-AS-YOU GO" premiums are based on actual individual current rates provided by CalPERS plus 7.6% increase for the out years. The employer co-pay will continue under the current MOU at 95% for all plans.

Retiree Health Insurance FY 2019-20		Increase/ (Decrease)
CalPERS Retiree Health	\$432,348	
CalPERS Admin Fee	994	
Total Retiree Health	\$433,343	4.9%
Total 18/19 Budget	\$413,056	

- h) Budgeted fringe benefit rate is 71.9%, which includes costs of accrued leave, group insurances (medical, disability, retiree health), PERS, and other paid benefits (unemployment, workers' compensation, bereavement pay)

	FY 2018-19 Budget	FY 2018-19 Forecast	FY 2019-20 Budget
Fringe Rate	72.0%	75.5%	71.9%

- i) Pay for time worked rate is 88% (Direct Labor Utilization net of PTO, paid time off) and is projected based on actuals as of December 2018.

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) are applied to Member Agencies based on O&M 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 and CAS 410 (Federal Acquisition Regulation and Cost Accounting Standard) methodology. This approach was confirmed appropriate by outside engineering/financial review completed by Carollo Engineering in FY '15/'16. This approach assigns administrative costs to the agency incurring the cost.

a) Insurance costs are based on invoiced premiums for FY 19-20 which are in prepaid expenses as of this writing. Projections for out years are:

- i. CSRMA general liability and other, 5%, Property, 5%, Liability (PLP), 5% and Commercial Crime 5%.
- ii. Workers' Compensations estimated at 5% in the out years.

b) Training budgets are expected to remain consistent with 2018-19 budget year.

9. The General Fund Budget will be allocated in accordance with the approach agreed to by the Board of Directors for the FY 2018-19 Budget as to the costs selected to be shared from the Administration Costs into the General Fund and in like percentages as determined by approval of the Board in FY 2018-19.

Distribution to the Member Agencies in FY 2019-20 remains constant with the percentages used in FY 2018-19.

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 points were approved by the Board from the Allocation Working Group and are continued in the FY 2019-20 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) All costs for the Pretreatment Program, including permit fees, are levied based on timesheets from the previous year except for insurance costs that are distributed equally by member agency.
- c) Individual agencies will pay Director meeting attendance fees either through SOCWA or directly to their participating director

- d) Engineering studies will continue to address future capital and capacity needs of the treatment plants
 - e) JBL Effluent Pump Station (EPS) costs will be placed in PC 2 liquids ownership category
 - f) Continue PC 2 and 15 water use allocations: 30% from solids to liquids for PC 2, 70% from common into liquids PC 15
 - g) Continue PC 15 and 17 bleach use allocations: 4% from liquids to AWT for PC 15, track system changes for PC 15 and 17
 - h) 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
 - i) PC 2SO (12) excludes ETWD and IRWD.
11. The following points were approved by the Board in April 2019 for inclusion in the FY 2019-20 Budget consistent with the Carollo Engineering Operational Cost Distribution Analysis.
- a) All costs for the outfall PCs (5 and 24) will be allocated as fixed costs.
 - b) The following line items will be changed from labor allocations to common ownership allocations:
 - Standby Pay
 - Small Vehicle Expenses
 - Small Vehicle Fuel
 - Recruitment
 - Mileage Reimbursement
 - c) Ferric Chloride at PC2 – JBL will be changed from 80% Liquids and 20% Solids to 100% Solids
 - d) Electricity at PC15 – CTP will be changed from 94% Liquids 2.5% AWT and 3.5% Common to 100% Liquids
 - e) Natural Gas at PC15 – CTP will be changed from 95% Liquids and 5% Common to 50% Liquids and 50% Common
 - f) Ferric Chloride at PC17 – RTP will be changed from 80% Liquids and 20% Solids to 100% Solids
12. In preparation for the FY 2019-20 Budget, the Finance Committee considered investing in a program to reduce future PERS/OPEB liabilities. PERS unfunded liabilities required payments are expected to grow from \$867,337 to \$1,284,260 (\$417 thousand or 48% increase) for SOCWA Member Agencies during the 5-year budget period; however, the total Unfunded Liability Balance will only decrease by \$447 thousand or

3% due to interest payments and other factors.

The total Unfunded Liability as of June 30, 2020 is estimated at \$13 million and will be \$12.9 million at the end of the 5-year budget period if we continue making only the required minimum payments.

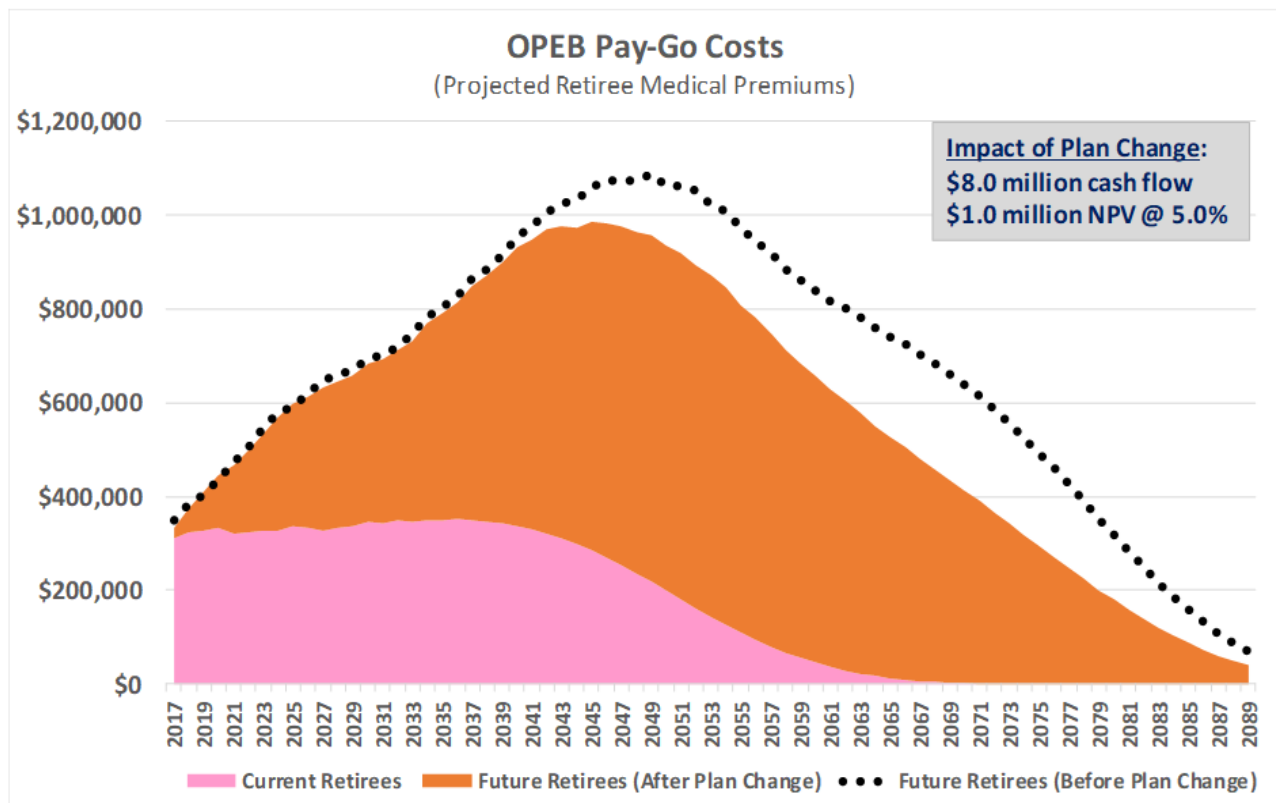
The Finance Committee supported the importance of beginning a savings plan for PERS/OPEB obligations within the next two years. A savings program was not included in the FY 2019-20 budget.

13. OPEB (Other Post-Employment Benefits) premiums are expected to grow from \$433,343 to \$580,872 (\$147 thousand or 34% increase) during the 5-year budget period.

The total OPEB liability, \$11.8 million, is expected to taper off at a faster pace due to Implementation of the Retiree Health Savings Plan (RHS) for new employees, the long-term savings is \$1 million.



Retiree Medical “Pay-Go” Premiums



14. Staff will invoice the O&M budget by quarter as detailed in the budget. Capital Project invoicing will be sent to SOCWA Member Agencies in accordance with the Budget as approved for Q1. For each subsequent quarter, capital cost collections will be based on the budget with adjustments based on cash flow as projected by the Director of Engineering to meet project contract obligations.
15. In making O&M in capital investments SOCWA's goal is to ensure the facilities are operated at the lowest lifecycle cost. Equipment and materials durability and reliability are core concepts for designing, constructing, operating, and maintaining SOCWA facilities. SOCWA uses applicable design guidelines, construction standards and recommended equipment and materials for the corrosive, abrasive, and harsh conditions that impact material durability and reliability.

SOCWA's goal is to implement the principles of infrastructure Asset Management. SOCWA uses O&M and Capital resources for cost-effective asset investments to addresses community, environmental, and employee safety, to mitigate potential consequences and probability of failures, and to provide consistent regulatory compliance which ensures facility service level and economic usefulness for SOCWA member agencies.

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 2019-20 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.

South Orange County Wastewater Authority
Summary of Cost Allocation Approaches by Project Committee
Prepared by Carollo Engineering in FY 2015-16.

	<i>O&M Costs¹ - Variable</i>	<i>O&M Costs¹ – Fixed</i>	<i>Capital Costs</i>	<i>Board Policy Decisions (added by staff in FY 2019-20)</i>
PC 2SO Water Reclamation Permits	Total O&M costs are split 50/50 between fixed and variable. Allocated proportionally to each PC member based on non-potable water production and projections.	Total O&M costs are split 50/50 between fixed and variable. Divided equally between each PC member.	Not applicable	PC 2SO (12) costs are no longer shared by El Toro Water District and Irvine Ranch Water District due to agencies no longer being within the Recycled Water Order issued by the San Diego Regional Water Quality Control Board as of decision in June, 2019.
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.	Flows and loads are based on results of FY end 2018 use audit with the exception of PC 2 (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. The agreement also directs staff to assume that MNWD’s solids are based on the influent strength of the sewage to the 3A Plant with the balance of the solids being attributed to SMWD. See also Budget Assumptions 6(c), 10(a), 10(e), 10(f), 10(h), 11(c) and 15.
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.	Plant 3A was operated under contract by SOCWA and the contract expired with SMWD assuming operation of the facility in FY 2016-2017. Therefore, 3A is no longer within the SOCWA Budget.
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. ²⁷	Allocated to PC member based on ownership via multiplication of total common costs by ownership percentage.	Allocated to PC member based on percentage ownership.	By Board Policy decision as of FY19/20 Budget, the allocation of all PC 5 and 24 costs are fixed. See Budget Assumption 11(a).
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.	See Budget Assumptions 10(f), 10(g), 11(d), 11(e), and 15.

	<i>O&M Costs¹ - Variable</i>	<i>O&M Costs¹ – Fixed</i>	<i>Capital Costs</i>	<i>Board Policy Decisions (added by staff in FY 2019-20)</i>
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.	See Budget Assumptions 6(c), 10(g), 10(h), 11(f) and 15.
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.	By Board Policy decision as of FY19/20 Budget, the allocation of all PC 5 and 24 costs are fixed. See Budget Assumption 11(a).
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
5-Year Labor Plan
(Payroll Costs in thousands)

Headcount									
Department	FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Actual	FY 2018-19 Budget	FY 2019-20 Budget	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget	FY 2023-24 Budget
Operations	40	39	42	42	42	40	40	40	40
Environmental Compliance & Safety	10	10	9	9	9	9	9	9	9
Engineering	2	3	3	3	3	3	3	3	3
Administration	7	7	9	9	9	8	8	8	8
IT	1	1	1	1	1	1	1	1	1
Total	60	60	64	64	64	61	61	61	61
FY 2017-18 Budget	60	61	64	65	63	62	62		

Payroll Costs									
3% Average Merit and 2.7% COLA (includes Fringe, Overtime & Comp Time)						3% Avg. Merit and 2.5% COLA (Fringe, O/T & Comp Time incl.)			
Department	FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Actual	*FY 2018-19 Forecast	FY 2019-20 Budget	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget	FY 2023-24 Budget
Operations	5,978	6,199	5,888	5,776	6,551	6,449	6,763	7,010	7,250
Environmental Compliance & Safety	1,327	1,531	1,391	1,513	1,606	1,698	1,793	1,892	1,996
Engineering	408	577	650	718	745	697	736	777	820
Administration and IT	1,330	1,413	1,685	1,883	1,952	1,863	1,966	2,075	2,190
Total	9,043	9,721	9,613	9,890	10,855	10,708	11,258	11,754	12,257
% Change		7.5%	-1.1%	2.9%	9.8%	-1.4%	5.1%	4.4%	4.3%

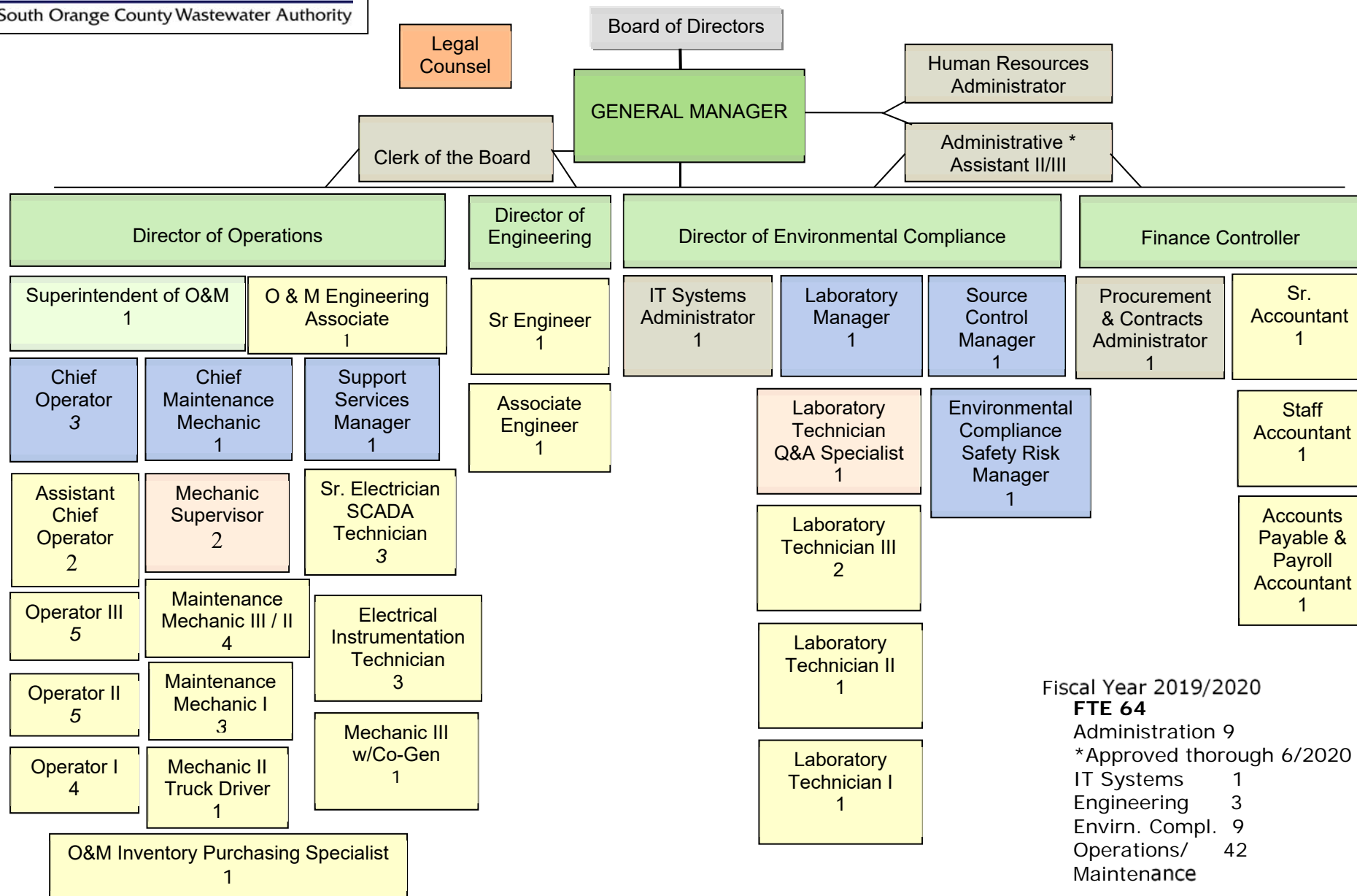
SOCWA Cost Base	18,377	18,929	19,254	21,615	21,315	21,585	22,336	22,922	23,794
Payroll Costs Content	49.2%	51.4%	49.9%	45.8%	50.9%	49.6%	50.4%	51.3%	51.5%

South Orange County Wastewater Authority
FY 19-20 thru FY 23-24 Fringe Benefits Budget

	FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Actual	FY 2018-19 Budget	FY 2018-19 Forecast	FY 2019-20 Budget	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget	FY 2023-24 Budget
457 Plan - Employer Contribution	13,821	83,925	75,524	85,000	70,378	80,000	80,000	80,000	80,000	80,000
Accrued Administrative Leave	34,879	30,478	23,929	25,114	35,045	27,418	26,782	28,221	29,609	31,047
Accrued Holiday	221,783	220,371	234,247	257,161	240,964	272,688	268,598	282,629	295,154	307,911
Accrued Personal Leave	74,238	76,638	83,205	90,895	92,295	93,955	92,450	97,287	101,622	106,042
Accrued Sick Pay	242,262	262,987	204,767	299,485	221,135	306,722	301,823	317,609	331,752	346,171
Accrued Vacation	372,526	416,343	345,815	391,291	429,937	408,773	402,497	423,567	442,490	461,792
Bereavement Pay	1,345	8,088	10,892	8,000	9,155	8,700	8,700	8,700	8,700	8,700
Jury Duty			5,817		1,402	2,500	2,500	2,500	2,500	2,500
Disability Insurance - Private	51,728	56,122	57,924	58,373	61,745	63,648	64,921	66,219	67,544	68,895
Group Medical Insurance	948,341	1,017,679	864,239	1,005,463	930,055	895,048	924,585	955,096	986,614	1,019,172
Medicare Tax - Employer	94,167	94,550	96,326	101,154	98,618	104,301	102,881	108,217	113,013	117,907
Retiree Health Savings Program (RHS)			17,800		24,000	33,600	33,600	33,600	33,600	33,600
Retiree Health PARS Investment	500,000	504,000	210,000							
Retiree Health Benefits	281,389	384,936	354,582	413,056	423,257	433,343	466,277	501,714	539,844	580,872
Retirement - Pension Investment										
Retirement - PERS Normal Costs	517,823	500,175	504,975	581,590	562,331	623,980	656,509	690,835	721,559	752,873
Retirement - PERS Unfunded Liability	432,628	499,903	599,849	743,842	743,843	867,337	977,003	1,110,450	1,220,916	1,284,260
Unemployment Ins./Reimbursement	1,378	1,234		2,000		1,000				
Workers Compensation Ins.	76,883	212,990	233,538	260,000	159,453	221,020	232,071	243,675	255,859	268,652
Other Misc.										
Total O&M Budget Fringe Benefits Pool	3,865,192	4,370,418	3,923,431	4,322,424	4,103,612	4,444,033	4,641,197	4,950,319	5,230,776	5,470,393
Change in Fringe Pool		13.1%	-10.2%	10.2%	4.6%	8.3%	4.4%	6.7%	5.7%	4.6%
Pay for Time Worked Labor Base(Regular Salaries)										
O&M		3,184,417	3,224,868	3,627,186	3,222,818	3,689,857	3,628,679	3,810,041	3,950,780	4,089,034
Environmental		815,299	789,929	883,205	817,520	930,273	975,121	1,029,484	1,086,827	1,147,363
Engineering including CIP Labor		305,422	377,076	417,610	404,259	433,316	405,423	428,025	451,888	477,080
Admin		695,744	857,635	985,352	906,683	1,030,445	973,236	1,027,494	1,084,777	1,145,253
IT		44,447	84,015	93,378	86,557	98,482	103,852	109,642	115,754	122,066
Total Pay for Time Worked Labor Base	4,976,917	5,045,329	5,333,523	6,006,731	5,437,837	6,182,373	6,086,311	6,404,686	6,690,025	6,980,796
Fringe Rate	78%	86.6%	73.6%	72.0%	75.5%	71.9%	76.3%	77.3%	78.2%	78.4%
Change in Labor Base		1.4%	5.7%	12.6%	2.0%	13.7%	-1.6%	5.2%	4.5%	4.3%



FY 2019-20 Organization



Fiscal Year 2019/2020
FTE 64
 Administration 9
 *Approved thorough 6/2020
 IT Systems 1
 Engineering 3
 Envirn. Compl. 9
 Operations/ 42
 Maintenance

South Orange County Wastewater Authority

FY 2019-20 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	-	-	1,764,796	-	-	-	1,321,068	1,506,776	1,348,524	-	5,941,164
PC 5 - San Juan Creek Ocean Outfall	-	84,604	56,404	-	-	-	78,944	225,576	63,468	-	508,996
PC 8 - Pretreatment Program	8,284	18,204	21,220	2,848	2,872	25,620	46,684	52,572	32,968	-	211,272
PC 12 SO- Water Reclamation Permits	-	-	44,608	-	-	-	114,652	115,584	44,840	41,804	361,488
PC 15 - Coastal Treatment Plant/AWT	1,330,720	-	-	-	54,904	-	222,496	-	1,409,272	-	3,017,392
PC 17 - Joint Regional Wastewater Reclamation	671,320	-	-	661,840	21,928	-	6,002,606	-	447,356	-	7,805,050
PC 21 Effluent Transmission Main	-	-	-	304	-	304	132	-	-	-	740
PC 24 - Aliso Creek Ocean Outfall	55,008	-	-	81,528	3,904	78,804	219,260	-	61,556	-	500,060
Total O&M by Project Committee and Member Agency	2,065,332	102,808	1,887,028	746,520	83,608	104,728	8,005,842	1,900,508	3,407,984	41,804	18,346,162

*Total Administration, General Fund and Residual Engineering Expenses by Member Agency (calculated pages 7-9)	331,729	43,451	308,256	143,152	70,840	58,662	1,143,699	310,030	538,402	20,462	2,968,684
Administration, General Fund and Residual Engineering Expenses Allocation Percentages by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	93.5%	-	-	-	16.5%	79.3%	39.6%	-	32.4%
PC 5 - San Juan Creek Ocean Outfall	-	82.3%	3.0%	-	-	-	1.0%	11.9%	1.9%	-	2.8%
PC 8 - Pretreatment Program	0.4%	17.7%	1.1%	0.4%	3.4%	24.5%	0.6%	2.8%	1.0%	-	1.2%
PC 12 SO- Water Reclamation Permits	-	-	2.4%	0.0%	-	0.0%	1.4%	6.1%	1.3%	100.0%	2.0%
PC 15 - Coastal Treatment Plant/AWT	64.4%	-	-	-	65.7%	-	2.8%	-	41.4%	-	16.4%
PC 17 - Joint Regional Wastewater Reclamation	32.5%	-	-	88.7%	26.2%	-	75.0%	-	13.1%	-	42.5%
PC 21 Effluent Transmission Main	-	-	-	0.0%	-	0.3%	0.0%	-	-	-	0.0%
PC 24 - Aliso Creek Ocean Outfall	2.7%	-	-	10.9%	4.7%	75.2%	2.7%	-	1.8%	-	2.7%
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	-	-	288,289	-	-	-	188,725	245,801	213,043	-	935,858
PC 5 - San Juan Creek Ocean Outfall	-	35,757	9,214	-	-	-	11,278	36,798	10,027	-	103,074
PC 8 - Pretreatment Program	1,331	7,694	3,466	546	2,433	14,351	6,669	8,576	5,208	-	50,275
PC 12 SO- Water Reclamation Permits	-	-	7,287	-	-	-	16,379	18,855	7,084	20,462	70,067
PC 15 - Coastal Treatment Plant/AWT	213,737	-	-	-	46,519	-	31,785	-	222,641	-	514,683
PC 17 - Joint Regional Wastewater Reclamation	107,826	-	-	126,914	18,579	-	857,521	-	70,675	-	1,181,515
PC 21 Effluent Transmission Main	-	-	-	58	-	170	19	-	-	-	247
PC 24 - Aliso Creek Ocean Outfall	8,835	-	-	15,634	3,308	44,141	31,323	-	9,725	-	112,966
Total Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency	331,729	43,451	308,256	143,152	70,840	58,662	1,143,699	310,030	538,402	20,462	2,968,684

Total O&M Budget by Project Committee and Member Agency

Project Committee											
PC 2 - Jay B. Latham Plant	-	-	2,053,085	-	-	-	1,509,793	1,752,577	1,561,567	-	6,877,022
PC 5 - San Juan Creek Ocean Outfall	-	120,361	65,618	-	-	-	90,222	262,374	73,495	-	612,070
PC 8 - Pretreatment Program	9,615	25,898	24,686	3,394	5,305	39,971	53,353	61,148	38,176	-	261,547
PC 12 SO- Water Reclamation Permits	-	-	51,895	-	-	-	131,031	134,439	51,924	62,266	431,555
PC 15 - Coastal Treatment Plant/AWT	1,544,457	-	-	-	101,423	-	254,281	-	1,631,913	-	3,532,075
PC 17 - Joint Regional Wastewater Reclamation	779,146	-	-	788,754	40,507	-	6,860,127	-	518,031	-	8,986,565
PC 21 Effluent Transmission Main	-	-	-	362	-	474	151	-	-	-	987
PC 24 - Aliso Creek Ocean Outfall	63,843	-	-	97,162	7,212	122,945	250,583	-	71,281	-	613,026
Total O&M Budget by Project Committee and Member Agency	2,397,061	146,259	2,195,284	889,672	154,448	163,390	9,149,541	2,210,538	3,946,386	62,266	21,314,846

*Member Agency Administration, Residual Engineering and General Fund expenses are distributed by Member Agency on pages 7 through 9.

South Orange County Wastewater Authority
Q1 FY 2019-20 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	-	-	441,199	-	-	-	330,267	376,694	337,131	-	1,485,291
PC 5 - San Juan Creek Ocean Outfall	-	21,151	14,101	-	-	-	19,736	56,394	15,867	-	127,249
PC 8 - Pretreatment Program	2,071	4,551	5,305	712	718	6,405	11,671	13,143	8,242	-	52,818
PC 12 SO- Water Reclamation Permits	-	-	11,152	-	-	-	28,663	28,896	11,210	10,451	90,372
PC 15 - Coastal Treatment Plant/AWT	332,680	-	-	-	13,726	-	55,624	-	352,318	-	754,348
PC 17 - Joint Regional Wastewater Reclamation	167,830	-	-	165,460	5,482	-	1,500,652	-	111,839	-	1,951,263
PC 21 Effluent Transmission Main	-	-	-	76	-	76	33	-	-	-	185
PC 24 - Aliso Creek Ocean Outfall	13,752	-	-	20,382	976	19,701	54,815	-	15,389	-	125,015
Total O&M by Project Committee and Member Agency	516,333	25,702	471,757	186,630	20,902	26,182	2,001,461	475,127	851,996	10,451	4,586,541

*Total Administration, General Fund and Residual Engineering Expenses by Member Agency (calculated pages 7-9)	82,932	10,863	77,064	35,788	17,710	14,666	285,925	77,508	134,601	5,115	742,171
Administration, General Fund and Residual Engineering Expenses Allocation Percentages by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	93.5%	-	-	-	16.5%	79.3%	39.6%	-	32.4%
PC 5 - San Juan Creek Ocean Outfall	-	82.3%	3.0%	-	-	-	1.0%	11.9%	1.9%	-	2.8%
PC 8 - Pretreatment Program	0.4%	17.7%	1.1%	0.4%	3.4%	24.5%	0.6%	2.8%	1.0%	-	1.2%
PC 12 SO- Water Reclamation Permits	-	-	2.4%	0.0%	-	0.0%	1.4%	6.1%	1.3%	100.0%	2.0%
PC 15 - Coastal Treatment Plant/AWT	64.4%	-	-	-	65.7%	-	2.8%	-	41.4%	-	16.4%
PC 17 - Joint Regional Wastewater Reclamation	32.5%	-	-	88.7%	26.2%	-	75.0%	-	13.1%	-	42.5%
PC 21 Effluent Transmission Main	-	-	-	0.0%	-	0.3%	0.0%	-	-	-	0.0%
PC 24 - Aliso Creek Ocean Outfall	2.7%	-	-	10.9%	4.7%	75.2%	2.7%	-	1.8%	-	2.7%
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	-	-	72,072	-	-	-	47,181	61,450	53,261	-	233,964
PC 5 - San Juan Creek Ocean Outfall	-	8,939	2,303	-	-	-	2,819	9,200	2,507	-	25,768
PC 8 - Pretreatment Program	333	1,923	867	137	608	3,588	1,667	2,144	1,302	-	12,569
PC 12 SO- Water Reclamation Permits	-	-	1,822	-	-	-	4,095	4,714	1,771	5,115	17,517
PC 15 - Coastal Treatment Plant/AWT	53,434	-	-	-	11,630	-	7,946	-	55,660	-	128,671
PC 17 - Joint Regional Wastewater Reclamation	26,956	-	-	31,729	4,645	-	214,380	-	17,669	-	295,379
PC 21 Effluent Transmission Main	-	-	-	15	-	43	5	-	-	-	62
PC 24 - Aliso Creek Ocean Outfall	2,209	-	-	3,908	827	11,035	7,831	-	2,431	-	28,241
Total Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency	82,932	10,863	77,064	35,788	17,710	14,666	285,925	77,508	134,601	5,115	742,171

Total O&M Budget by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	513,271	-	-	-	377,448	438,144	390,392	-	1,719,255
PC 5 - San Juan Creek Ocean Outfall	-	30,090	16,404	-	-	-	22,555	65,594	18,374	-	153,017
PC 8 - Pretreatment Program	2,404	6,474	6,172	849	1,326	9,993	13,338	15,287	9,544	-	65,387
PC 12 SO- Water Reclamation Permits	-	-	12,974	-	-	-	32,758	33,610	12,981	15,566	107,889
PC 15 - Coastal Treatment Plant/AWT	386,114	-	-	-	25,356	-	63,570	-	407,978	-	883,019
PC 17 - Joint Regional Wastewater Reclamation	194,786	-	-	197,189	10,127	-	1,715,032	-	129,508	-	2,246,641
PC 21 Effluent Transmission Main	-	-	-	91	-	119	38	-	-	-	247
PC 24 - Aliso Creek Ocean Outfall	15,961	-	-	24,290	1,803	30,736	62,646	-	17,820	-	153,256
Total O&M Budget by Project Committee and Member Agency	599,265	36,565	548,821	222,418	38,612	40,848	2,287,385	552,635	986,597	15,566	5,328,711

*Member Agency Administration, Residual Engineering and General Fund expenses are distributed by Member Agency on pages 7 through 9.

South Orange County Wastewater Authority
Q2 FY 2019-20 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	-	-	441,199	-	-	-	330,267	376,694	337,131	-	1,485,291
PC 5 - San Juan Creek Ocean Outfall	-	21,151	14,101	-	-	-	19,736	56,394	15,867	-	127,249
PC 8 - Pretreatment Program	2,071	4,551	5,305	712	718	6,405	11,671	13,143	8,242	-	52,818
PC 12 SO- Water Reclamation Permits	-	-	11,152	-	-	-	28,663	28,896	11,210	10,451	90,372
PC 15 - Coastal Treatment Plant/AWT	332,680	-	-	-	13,726	-	55,624	-	352,318	-	754,348
PC 17 - Joint Regional Wastewater Reclamation	167,830	-	-	165,460	5,482	-	1,500,652	-	111,839	-	1,951,263
PC 21 Effluent Transmission Main	-	-	-	76	-	76	33	-	-	-	185
PC 24 - Aliso Creek Ocean Outfall	13,752	-	-	20,382	976	19,701	54,815	-	15,389	-	125,015
Total O&M by Project Committee and Member Agency	516,333	25,702	471,757	186,630	20,902	26,182	2,001,461	475,127	851,996	10,451	4,586,541

*Total Administration, General Fund and Residual Engineering Expenses by Member Agency (calculated pages 7-9)	82,932	10,863	77,064	35,788	17,710	14,666	285,925	77,508	134,601	5,115	742,171
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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	-	-	93.5%	-	-	-	16.5%	79.3%	39.6%	-	32.4%
PC 5 - San Juan Creek Ocean Outfall	-	82.3%	3.0%	-	-	-	1.0%	11.9%	1.9%	-	2.8%
PC 8 - Pretreatment Program	0.4%	17.7%	1.1%	0.4%	3.4%	24.5%	0.6%	2.8%	1.0%	-	1.2%
PC 12 SO- Water Reclamation Permits	-	-	2.4%	0.0%	-	0.0%	1.4%	6.1%	1.3%	100.0%	2.0%
PC 15 - Coastal Treatment Plant/AWT	64.4%	-	-	-	65.7%	-	2.8%	-	41.4%	-	16.4%
PC 17 - Joint Regional Wastewater Reclamation	32.5%	-	-	88.7%	26.2%	-	75.0%	-	13.1%	-	42.5%
PC 21 Effluent Transmission Main	-	-	-	0.0%	-	0.3%	0.0%	-	-	-	0.0%
PC 24 - Aliso Creek Ocean Outfall	2.7%	-	-	10.9%	4.7%	75.2%	2.7%	-	1.8%	-	2.7%
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	-	-	72,072	-	-	-	47,181	61,450	53,261	-	233,964
PC 5 - San Juan Creek Ocean Outfall	-	8,939	2,303	-	-	-	2,819	9,200	2,507	-	25,768
PC 8 - Pretreatment Program	333	1,923	867	137	608	3,588	1,667	2,144	1,302	-	12,569
PC 12 SO- Water Reclamation Permits	-	-	1,822	-	-	-	4,095	4,714	1,771	5,115	17,517
PC 15 - Coastal Treatment Plant/AWT	53,434	-	-	-	11,630	-	7,946	-	55,660	-	128,671
PC 17 - Joint Regional Wastewater Reclamation	26,956	-	-	31,729	4,645	-	214,380	-	17,669	-	295,379
PC 21 Effluent Transmission Main	-	-	-	15	-	43	5	-	-	-	62
PC 24 - Aliso Creek Ocean Outfall	2,209	-	-	3,908	827	11,035	7,831	-	2,431	-	28,241
Total Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency	82,932	10,863	77,064	35,788	17,710	14,666	285,925	77,508	134,601	5,115	742,171

Total O&M Budget by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	513,271	-	-	-	377,448	438,144	390,392	-	1,719,255
PC 5 - San Juan Creek Ocean Outfall	-	30,090	16,404	-	-	-	22,555	65,594	18,374	-	153,017
PC 8 - Pretreatment Program	2,404	6,474	6,172	849	1,326	9,993	13,338	15,287	9,544	-	65,387
PC 12 SO- Water Reclamation Permits	-	-	12,974	-	-	-	32,758	33,610	12,981	15,566	107,889
PC 15 - Coastal Treatment Plant/AWT	386,114	-	-	-	25,356	-	63,570	-	407,978	-	883,019
PC 17 - Joint Regional Wastewater Reclamation	194,786	-	-	197,189	10,127	-	1,715,032	-	129,508	-	2,246,641
PC 21 Effluent Transmission Main	-	-	-	91	-	119	38	-	-	-	247
PC 24 - Aliso Creek Ocean Outfall	15,961	-	-	24,290	1,803	30,736	62,646	-	17,820	-	153,256
Total O&M Budget by Project Committee and Member Agency	599,265	36,565	548,821	222,418	38,612	40,848	2,287,385	552,635	986,597	15,566	5,328,711

*Member Agency Administration, Residual Engineering and General Fund expenses are distributed by Member Agency on pages 7 through 9.

South Orange County Wastewater Authority
Q3 FY 2019-20 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	-	-	441,199	-	-	-	330,267	376,694	337,131	-	1,485,291
PC 5 - San Juan Creek Ocean Outfall	-	21,151	14,101	-	-	-	19,736	56,394	15,867	-	127,249
PC 8 - Pretreatment Program	2,071	4,551	5,305	712	718	6,405	11,671	13,143	8,242	-	52,818
PC 12 SO- Water Reclamation Permits	-	-	11,152	-	-	-	28,663	28,896	11,210	10,451	90,372
PC 15 - Coastal Treatment Plant/AWT	332,680	-	-	-	13,726	-	55,624	-	352,318	-	754,348
PC 17 - Joint Regional Wastewater Reclamation	167,830	-	-	165,460	5,482	-	1,500,652	-	111,839	-	1,951,263
PC 21 Effluent Transmission Main	-	-	-	76	-	76	33	-	-	-	185
PC 24 - Aliso Creek Ocean Outfall	13,752	-	-	20,382	976	19,701	54,815	-	15,389	-	125,015
Total O&M by Project Committee and Member Agency	516,333	25,702	471,757	186,630	20,902	26,182	2,001,461	475,127	851,996	10,451	4,586,541

*Total Administration, General Fund and Residual Engineering Expenses by Member Agency (calculated pages 7-9)	82,932	10,863	77,064	35,788	17,710	14,666	285,925	77,508	134,601	5,115	742,171
Administration, General Fund and Residual Engineering Expenses Allocation Percentages by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	93.5%	-	-	-	16.5%	79.3%	39.6%	-	32.4%
PC 5 - San Juan Creek Ocean Outfall	-	82.3%	3.0%	-	-	-	1.0%	11.9%	1.9%	-	2.8%
PC 8 - Pretreatment Program	0.4%	17.7%	1.1%	0.4%	3.4%	24.5%	0.6%	2.8%	1.0%	-	1.2%
PC 12 SO- Water Reclamation Permits	-	-	2.4%	0.0%	-	0.0%	1.4%	6.1%	1.3%	100.0%	2.0%
PC 15 - Coastal Treatment Plant/AWT	64.4%	-	-	-	65.7%	-	2.8%	-	41.4%	-	16.4%
PC 17 - Joint Regional Wastewater Reclamation	32.5%	-	-	88.7%	26.2%	-	75.0%	-	13.1%	-	42.5%
PC 21 Effluent Transmission Main	-	-	-	0.0%	-	0.3%	0.0%	-	-	-	0.0%
PC 24 - Aliso Creek Ocean Outfall	2.7%	-	-	10.9%	4.7%	75.2%	2.7%	-	1.8%	-	2.7%
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	-	-	72,072	-	-	-	47,181	61,450	53,261	-	233,964
PC 5 - San Juan Creek Ocean Outfall	-	8,939	2,303	-	-	-	2,819	9,200	2,507	-	25,768
PC 8 - Pretreatment Program	333	1,923	867	137	608	3,588	1,667	2,144	1,302	-	12,569
PC 12 SO- Water Reclamation Permits	-	-	1,822	-	-	-	4,095	4,714	1,771	5,115	17,517
PC 15 - Coastal Treatment Plant/AWT	53,434	-	-	-	11,630	-	7,946	-	55,660	-	128,671
PC 17 - Joint Regional Wastewater Reclamation	26,956	-	-	31,729	4,645	-	214,380	-	17,669	-	295,379
PC 21 Effluent Transmission Main	-	-	-	15	-	43	5	-	-	-	62
PC 24 - Aliso Creek Ocean Outfall	2,209	-	-	3,908	827	11,035	7,831	-	2,431	-	28,241
Total Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency	82,932	10,863	77,064	35,788	17,710	14,666	285,925	77,508	134,601	5,115	742,171

Total O&M Budget by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	513,271	-	-	-	377,448	438,144	390,392	-	1,719,255
PC 5 - San Juan Creek Ocean Outfall	-	30,090	16,404	-	-	-	22,555	65,594	18,374	-	153,017
PC 8 - Pretreatment Program	2,404	6,474	6,172	849	1,326	9,993	13,338	15,287	9,544	-	65,387
PC 12 SO- Water Reclamation Permits	-	-	12,974	-	-	-	32,758	33,610	12,981	15,566	107,889
PC 15 - Coastal Treatment Plant/AWT	386,114	-	-	-	25,356	-	63,570	-	407,978	-	883,019
PC 17 - Joint Regional Wastewater Reclamation	194,786	-	-	197,189	10,127	-	1,715,032	-	129,508	-	2,246,641
PC 21 Effluent Transmission Main	-	-	-	91	-	119	38	-	-	-	247
PC 24 - Aliso Creek Ocean Outfall	15,961	-	-	24,290	1,803	30,736	62,646	-	17,820	-	153,256
Total O&M Budget by Project Committee and Member Agency	599,265	36,565	548,821	222,418	38,612	40,848	2,287,385	552,635	986,597	15,566	5,328,711

*Member Agency Administration, Residual Engineering and General Fund expenses are distributed by Member Agency on pages 7 through 9.

South Orange County Wastewater Authority
Q4 FY 2019-20 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	-	-	441,199	-	-	-	330,267	376,694	337,131	-	1,485,291
PC 5 - San Juan Creek Ocean Outfall	-	21,151	14,101	-	-	-	19,736	56,394	15,867	-	127,249
PC 8 - Pretreatment Program	2,071	4,551	5,305	712	718	6,405	11,671	13,143	8,242	-	52,818
PC 12 SO- Water Reclamation Permits	-	-	11,152	-	-	-	28,663	28,896	11,210	10,451	90,372
PC 15 - Coastal Treatment Plant/AWT	332,680	-	-	-	13,726	-	55,624	-	352,318	-	754,348
PC 17 - Joint Regional Wastewater Reclamation	167,830	-	-	165,460	5,482	-	1,500,652	-	111,839	-	1,951,263
PC 21 Effluent Transmission Main	-	-	-	76	-	76	33	-	-	-	185
PC 24 - Aliso Creek Ocean Outfall	13,752	-	-	20,382	976	19,701	54,815	-	15,389	-	125,015
Total O&M by Project Committee and Member Agency	516,333	25,702	471,757	186,630	20,902	26,182	2,001,461	475,127	851,996	10,451	4,586,541

*Total Administration, General Fund and Residual Engineering Expenses by Member Agency (calculated pages 7-9)	82,932	10,863	77,064	35,788	17,710	14,666	285,925	77,508	134,601	5,115	742,171
Administration, General Fund and Residual Engineering Expenses Allocation Percentages by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	93.5%	-	-	-	16.5%	79.3%	39.6%	-	32.4%
PC 5 - San Juan Creek Ocean Outfall	-	82.3%	3.0%	-	-	-	1.0%	11.9%	1.9%	-	2.8%
PC 8 - Pretreatment Program	0.4%	17.7%	1.1%	0.4%	3.4%	24.5%	0.6%	2.8%	1.0%	-	1.2%
PC 12 SO- Water Reclamation Permits	-	-	2.4%	0.0%	-	0.0%	1.4%	6.1%	1.3%	100.0%	2.0%
PC 15 - Coastal Treatment Plant/AWT	64.4%	-	-	-	65.7%	-	2.8%	-	41.4%	-	16.4%
PC 17 - Joint Regional Wastewater Reclamation	32.5%	-	-	88.7%	26.2%	-	75.0%	-	13.1%	-	42.5%
PC 21 Effluent Transmission Main	-	-	-	0.0%	-	0.3%	0.0%	-	-	-	0.0%
PC 24 - Aliso Creek Ocean Outfall	2.7%	-	-	10.9%	4.7%	75.2%	2.7%	-	1.8%	-	2.7%
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	-	-	72,072	-	-	-	47,181	61,450	53,261	-	233,964
PC 5 - San Juan Creek Ocean Outfall	-	8,939	2,303	-	-	-	2,819	9,200	2,507	-	25,768
PC 8 - Pretreatment Program	333	1,923	867	137	608	3,588	1,667	2,144	1,302	-	12,569
PC 12 SO- Water Reclamation Permits	-	-	1,822	-	-	-	4,095	4,714	1,771	5,115	17,517
PC 15 - Coastal Treatment Plant/AWT	53,434	-	-	-	11,630	-	7,946	-	55,660	-	128,671
PC 17 - Joint Regional Wastewater Reclamation	26,956	-	-	31,729	4,645	-	214,380	-	17,669	-	295,379
PC 21 Effluent Transmission Main	-	-	-	15	-	43	5	-	-	-	62
PC 24 - Aliso Creek Ocean Outfall	2,209	-	-	3,908	827	11,035	7,831	-	2,431	-	28,241
Total Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency	82,932	10,863	77,064	35,788	17,710	14,666	285,925	77,508	134,601	5,115	742,171

Total O&M Budget by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	513,271	-	-	-	377,448	438,144	390,392	-	1,719,255
PC 5 - San Juan Creek Ocean Outfall	-	30,090	16,404	-	-	-	22,555	65,594	18,374	-	153,017
PC 8 - Pretreatment Program	2,404	6,474	6,172	849	1,326	9,993	13,338	15,287	9,544	-	65,387
PC 12 SO- Water Reclamation Permits	-	-	12,974	-	-	-	32,758	33,610	12,981	15,566	107,889
PC 15 - Coastal Treatment Plant/AWT	386,114	-	-	-	25,356	-	63,570	-	407,978	-	883,019
PC 17 - Joint Regional Wastewater Reclamation	194,786	-	-	197,189	10,127	-	1,715,032	-	129,508	-	2,246,641
PC 21 Effluent Transmission Main	-	-	-	91	-	119	38	-	-	-	247
PC 24 - Aliso Creek Ocean Outfall	15,961	-	-	24,290	1,803	30,736	62,646	-	17,820	-	153,256
Total O&M Budget by Project Committee and Member Agency	599,265	36,565	548,821	222,418	38,612	40,848	2,287,385	552,635	986,597	15,566	5,328,711

*Member Agency Administration, Residual Engineering and General Fund expenses are distributed by Member Agency on pages 7 through 9.

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

		FY 2016-17 Actual	FY 2017-18 Actual	Change %	FY 2018-19 Forecast	Change %	FY 2019-20 Budget	Change %	FY 2020-21 Budget	Change %	FY 2021-22 Budget	Change %	FY 2022-23 Budget	Change %	FY 2023-24 Budget	Change %	5 Year Total
Salary and Fringe																	
5000-_**_**	Regular Salaries-O&M	3,999,716	4,014,797	0.4%	4,510,404	12.3%	4,620,132	2.43%	4,603,800	(0.35%)	4,839,536	5.12%	5,037,616	4.09%	5,236,392	3.95%	24,337,476
5001-_**_**	Overtime Salaries-O&M	147,190	146,313	-0.6%	115,036	-21.4%	109,504	(4.81%)	111,412	1.74%	113,948	2.28%	116,484	2.23%	118,652	1.86%	570,000
5302-_**_**	Performance Based Merit Pay	23,922	14,729	-38.4%	-	-100.0%	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
5306-_**_**	Scheduled Holiday Work	25,116	46,220	84.0%	49,860	7.9%	28,692	(42.45%)	42,276	47.34%	42,268	(0.02%)	43,264	2.36%	43,496	0.54%	199,996
5307-_**_**	Weekend Shift Pay	996	-	-100.0%	-	0.0%	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
5315-_**_**	Comp Time - O&M	-	35,495	0.0%	1,828	-94.8%	7,796	326.48%	10,108	29.66%	10,240	1.31%	12,392	21.02%	12,444	0.42%	52,980
5401-_**_**	Fringe Benefits IN to PC's & Depts.	3,464,677	2,953,297	-14.8%	3,247,504	10.0%	3,323,840	2.35%	3,312,120	(0.35%)	3,481,704	5.12%	3,624,172	4.09%	3,767,208	3.95%	17,509,044
5700-_**_**	Standby Pay	68,900	67,925	-1.4%	69,292	2.0%	67,600	(2.44%)	68,000	0.59%	68,000	0.00%	68,000	0.00%	68,000	0.00%	339,600
Total Payroll Costs		7,730,517	7,278,776	-5.8%	7,993,924	9.8%	8,157,564	2.05%	8,147,716	(0.12%)	8,555,696	5.01%	8,901,928	4.05%	9,246,192	3.87%	43,009,096
Other Expenses																	
5002-_**_**	Electricity	1,464,878	1,805,916	23.3%	1,055,968	-41.5%	1,022,564	(3.16%)	1,074,992	5.13%	1,129,000	5.02%	1,185,004	4.96%	1,244,004	4.98%	5,655,564
5003-_**_**	Natural Gas	139,971	116,552	-16.7%	148,532	27.4%	266,504	79.43%	280,000	5.06%	294,012	5.00%	308,004	4.76%	324,008	5.20%	1,472,528
5004-_**_**	Potable & Reclaimed Water	58,263	74,323	27.6%	69,012	-7.1%	84,992	23.16%	88,004	3.54%	91,000	3.40%	94,000	3.30%	97,004	3.20%	455,000
5005-_**_**	Co-generation Power Credit	(201,611)	-	-100.0%	(250,012)	0.0%	(325,004)	30.00%	(425,000)	30.77%	(446,000)	4.94%	(468,000)	4.93%	(490,996)	4.91%	(2,155,000)
5006-_**_**	Chlorine/Sodium Hypochlorite	422,596	536,903	27.0%	489,012	-8.9%	506,000	3.47%	607,004	19.96%	607,004	0.00%	637,008	4.94%	668,008	4.87%	3,025,024
5007-_**_**	Polymer Products	506,570	503,962	-0.5%	658,028	30.6%	805,004	22.34%	805,008	0.00%	845,000	4.97%	887,000	4.97%	932,004	5.07%	4,274,016
5008-_**_**	Ferric Chloride	268,559	317,541	18.2%	265,000	-16.5%	304,992	15.09%	320,996	5.25%	337,000	4.99%	355,000	5.34%	372,996	5.07%	1,690,984
5009-_**_**	Odor Control Chemicals	148,229	120,872	-18.5%	163,008	34.9%	130,000	(20.25%)	134,000	3.08%	137,000	2.24%	139,996	2.19%	143,988	2.85%	684,984
5010-_**_**	Other Chemicals - Misc.	988	754	-23.7%	5,000	562.9%	2,996	(40.08%)	2,996	0.00%	2,996	0.00%	3,996	33.38%	3,996	0.00%	16,980
5011-_**_**	Laboratory Services	29,423	28,231	-4.1%	41,696	47.7%	44,412	6.51%	45,412	2.25%	46,844	3.15%	47,584	1.58%	48,540	2.01%	232,792
5012-_**_**	Grit Hauling - 21A	120,131	121,142	0.8%	134,008	10.6%	128,252	(4.30%)	132,000	2.92%	135,004	2.28%	137,996	2.22%	140,992	2.17%	674,244
5013-_**_**	Landscaping	199,368	135,400	-32.1%	185,008	36.6%	159,996	(13.52%)	164,004	2.51%	167,992	2.43%	172,004	2.39%	175,992	2.32%	839,988
5014-_**_**	Engineering - Misc.	103,825	41,370	-60.2%	175,004	323.0%	1,000	(99.43%)	125,504	0.00%	125,504	0.00%	126,504	0.80%	128,968	1.95%	507,480
5015-_**_**	Management Support Services	95,040	71,974	-24.3%	363,936	405.7%	360,212	(1.02%)	334,100	(7.25%)	329,896	(1.26%)	78,712	(76.14%)	80,328	2.05%	1,183,248
5016-_**_**	Audit - Environmental	-	-	0.0%	500	0.0%	600	20.00%	608	1.33%	652	7.24%	696	6.75%	708	1.72%	3,264
5017-_**_**	Legal Fees	41,177	23,595	-42.7%	23,020	-2.4%	28,352	23.16%	29,552	4.23%	29,620	0.23%	30,684	3.59%	30,848	0.53%	149,056
5018-_**_**	Public Notices/ Public Relations	145	1,241	755.9%	2,008	61.8%	5,004	149.20%	5,196	3.84%	5,252	1.08%	5,304	0.99%	5,404	1.89%	26,160
5019-_**_**	Contract Services Misc. - 29	204,070	282,098	38.2%	375,012	32.9%	199,996	(46.67%)	210,008	5.01%	220,004	4.76%	230,012	4.55%	240,996	4.78%	1,101,016
5021-_**_**	Small Vehicle Expense - 31A	28,170	19,633	-30.3%	21,024	7.1%	24,064	14.46%	24,064	0.00%	24,084	0.08%	24,108	0.10%	24,128	0.08%	120,448
5022-_**_**	Miscellaneous Expense	12,348	13,422	8.7%	18,488	37.7%	18,004	(2.62%)	18,032	0.16%	18,004	(0.16%)	18,984	5.44%	19,032	0.25%	92,056
5023-_**_**	Office Supplies - All	39,431	37,276	-5.5%	38,004	2.0%	43,004	13.16%	44,004	2.33%	45,008	2.28%	46,008	2.22%	47,004	2.16%	225,028
5024-_**_**	Petroleum Products	34,625	20,506	-40.8%	59,980	192.5%	49,004	(18.30%)	51,996	6.11%	54,988	5.75%	58,004	5.48%	61,000	5.17%	274,992
5025-_**_**	Uniforms	36,917	37,269	1.0%	37,016	-0.7%	54,004	45.89%	56,004	3.70%	57,996	3.56%	60,004	3.46%	62,008	3.34%	290,016
5026-_**_**	Small Vehicle Fuel - 37A	14,743	17,473	18.5%	35,680	104.2%	31,500	(11.72%)	32,516	3.23%	34,584	6.36%	36,660	6.00%	38,704	5.58%	173,964
5027-_**_**	Insurance - Property/Liability	160,201	208,092	29.9%	185,132	-11.0%	210,096	13.48%	238,744	13.64%	243,844	2.14%	248,952	2.09%	254,540	2.24%	1,196,176
5028-_**_**	Small Tools & Supplies	64,336	90,225	40.2%	85,664	-5.1%	74,872	(12.60%)	77,128	3.01%	79,364	2.90%	81,608	2.83%	83,708	2.57%	396,680
5030-_**_**	Trash Disposal	4,863	7,263	49.4%	6,992	-3.7%	6,992	0.00%	6,992	0.00%	6,992	0.00%	7,992	14.30%	7,992	0.00%	36,960
5031-_**_**	Safety Supplies	119,600	97,822	-18.2%	106,396	8.8%	117,356	10.30%	119,456	1.79%	121,604	1.80%	124,632	2.49%	127,128	2.00%	610,176
5032-_**_**	Equipment Rental	15,754	2,024	-87.2%	7,008	246.3%	7,004	(0.06%)	7,004	0.00%	7,004	0.00%	8,004	14.28%	8,004	0.00%	37,020

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

		FY 2016-17 Actual	FY 2017-18 Actual	Change %	FY 2018-19 Forecast	Change %	FY 2019-20 Budget	Change %	FY 2020-21 Budget	Change %	FY 2021-22 Budget	Change %	FY 2022-23 Budget	Change %	FY 2023-24 Budget	Change %	5 Year Total
-5033--**-**	Recruitment	1,482	5,201	250.9%	3,024	-41.9%	3,004	(0.66%)	3,004	0.00%	3,004	0.00%	4,004	33.29%	4,004	0.00%	17,020
-5034--**-**	Travel Expense/Tech. Conferences	19,787	51,043	158.0%	72,068	41.2%	61,932	(14.06%)	68,380	10.41%	71,864	5.10%	75,632	5.24%	79,200	4.72%	357,008
-5035--**-**	Training Expense	52,511	93,351	77.8%	63,380	-32.1%	55,168	(12.96%)	57,684	4.56%	60,688	5.21%	63,688	4.94%	67,344	5.74%	304,572
-5036--**-**	Laboratory Supplies	68,799	76,220	10.8%	90,328	18.5%	93,256	3.24%	93,600	0.37%	94,512	0.97%	96,948	2.58%	98,872	1.98%	477,188
-5037--**-**	Office Equipment	19,969	38,739	94.0%	24,996	-35.5%	25,000	0.02%	24,996	(0.02%)	24,996	0.00%	24,996	0.00%	24,996	0.00%	124,984
-5038--**-**	Permits	475,018	359,577	-24.3%	415,952	15.7%	500,128	20.24%	467,116	(6.60%)	474,260	1.53%	481,420	1.51%	491,072	2.00%	2,413,996
-5039--**-**	Membership Dues/Fees	14,356	13,493	-6.0%	11,920	-11.7%	22,892	92.05%	22,340	(2.41%)	22,936	2.67%	26,128	13.92%	26,456	1.26%	120,752
-5044--**-**	Offshore Monitoring - 20A	32,634	32,757	0.4%	36,000	9.9%	36,000	0.00%	36,000	0.00%	36,000	0.00%	36,000	0.00%	36,720	2.00%	180,720
-5045--**-**	Offshore Biochemistry - 20B	-	-	0.0%	110,000	0.0%	-	(100.00%)	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
-5046--**-**	Effluent Chemistry - 20C	38,855	55,487	42.8%	28,004	-49.5%	28,004	0.00%	28,004	0.00%	28,004	0.00%	28,004	0.00%	28,568	2.01%	140,584
-5047--**-**	Access Road Expenses	36,245	28,848	-20.4%	48,000	66.4%	49,000	2.08%	50,000	2.04%	51,000	2.00%	52,004	1.97%	53,000	1.92%	255,004
-5048--**-**	Storm Damage	30,592	-	-100.0%	20,008	0.0%	20,008	0.00%	21,000	4.96%	22,000	4.76%	23,000	4.55%	24,000	4.35%	110,008
-5049--**-**	Biosolids Disposal - 21B	1,481,192	1,322,804	-10.7%	1,639,008	23.9%	1,355,004	(17.33%)	1,389,000	2.51%	1,423,996	2.52%	1,460,004	2.53%	1,495,996	2.47%	7,124,000
-5050--**-**	Contract Services Generators - 29A	22,514	21,115	-6.2%	21,004	-0.5%	22,008	4.78%	22,008	0.00%	22,008	0.00%	25,004	13.61%	25,004	0.00%	116,032
-5052--**-**	Janitorial Services	34,408	53,199	54.6%	100,024	88.0%	102,008	1.98%	105,000	2.93%	108,004	2.86%	110,996	2.77%	114,000	2.71%	540,008
-5053--**-**	Contract Serv - Digester Cleaning - 29E	-	63,126	0.0%	60,000	-5.0%	59,996	(0.01%)	122,004	103.35%	124,000	1.64%	127,004	2.42%	131,000	3.15%	564,004
-5054--**-**	Diesel Truck Maint - 31B	24,175	18,953	-21.6%	41,004	116.3%	41,000	(0.01%)	42,000	2.44%	43,000	2.38%	46,000	6.98%	47,996	4.34%	219,996
-5055--**-**	Diesel Truck Fuel - 37B	8,696	4,480	-48.5%	14,004	212.6%	14,996	7.08%	14,996	0.00%	14,996	0.00%	17,996	20.01%	17,996	0.00%	80,980
-5056--**-**	Maintenance Equip. & Facilities (Solids) 41-A	343,870	357,142	3.9%	338,000	-5.4%	356,004	5.33%	365,000	2.53%	374,000	2.47%	383,000	2.41%	392,000	2.35%	1,870,004
-5057--**-**	Maintenance Equip. & Facilities (Liquids) 41-B	542,344	551,066	1.6%	591,996	7.4%	663,000	11.99%	678,988	2.41%	697,000	2.65%	714,996	2.58%	733,000	2.52%	3,486,984
-5058--**-**	Maintenance Equip. & Facilities (Common) 41-C	71,872	49,636	-30.9%	76,004	53.1%	87,008	14.48%	90,008	3.45%	93,008	3.33%	96,012	3.23%	99,004	3.12%	465,040
-5059--**-**	Maintenance Equip. & Facilities (Co-Gen) 41-D	93,997	376,170	300.2%	1,135,016	201.7%	957,996	(15.60%)	981,996	2.51%	1,006,004	2.44%	1,031,008	2.49%	1,057,000	2.52%	5,034,004
-5060--**-**	Maintenance Equip. & Facilities (AWT) 41-E	59,870	105,919	76.9%	72,000	-32.0%	74,000	2.78%	76,000	2.70%	78,000	2.63%	80,000	2.56%	82,000	2.50%	390,000
-5061--**-**	Mileage	4,506	1,949	-56.7%	2,036	4.5%	2,508	23.18%	3,048	21.53%	3,108	1.97%	5,144	65.51%	5,168	0.47%	18,976
-5067--**-**	Port Cleaning	-	-	0.0%	35,000	0.0%	-	(100.00%)	70,000	0.00%	-	(100.00%)	-	0.00%	35,000	0.00%	105,000
-5077--**-**	IT Direct	296,159	500	-99.8%	-	-100.0%	16,080	0.00%	22,004	36.84%	22,004	0.00%	25,000	13.62%	25,000	0.00%	110,088
-5068--**-**	MNWD Potable Water Supplies & Svcs.	22,508	22,462	-0.2%	24,484	9.0%	24,972	1.99%	25,472	2.00%	26,200	2.86%	26,948	2.85%	27,488	2.00%	131,080
-5069--**-**	Misc-Capital-Dilution & Metering Study	102,670	19,225	-81.3%	7,996	-58.4%	60,004	650.43%	-	(100.00%)	-	0.00%	-	0.00%	-	0.00%	60,004
-5076--**-**	SCADA Infrastructure	-	-	0.0%	57,000	0.0%	20,992	(63.17%)	20,992	0.00%	20,992	0.00%	24,000	14.33%	24,000	0.00%	110,976
-5101--**-**	Employee Recognition	1,925	274	-85.8%	1,004	266.7%	-	(100.00%)	1,004	0.00%	1,004	0.00%	1,004	0.00%	1,024	1.99%	4,036
-5105--**-**	Co-Generation Power Credit - Offset	201,611	-	-100.0%	249,972	0.0%	325,000	30.01%	425,000	30.77%	446,000	4.94%	467,996	4.93%	491,000	4.92%	2,154,996
-5301--**-**	Vehicle Pay	162	-	-100.0%	-	0.0%	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
-5303--**-**	Group Insurance Waiver	7,403	11,221	51.6%	10,824	-3.5%	14,396	33.00%	3,604	(74.97%)	3,604	0.00%	3,604	0.00%	3,676	2.00%	28,884
-5305--**-**	Medicare Tax Payments for Employees	12,054	8,153	-32.4%	9,452	15.9%	2,784	(70.55%)	2,768	(0.57%)	2,884	4.19%	3,012	4.44%	3,076	2.12%	14,524
-5309--**-**	Operating Leases	5,085	41,285	711.9%	31,004	-24.9%	21,800	(29.69%)	22,000	0.92%	23,008	4.58%	23,996	4.29%	25,004	4.20%	115,808
-5705--**-**	Monthly Car Allowance	31,631	29,735	-6.0%	25,376	-14.7%	28,184	11.07%	8,396	(70.21%)	8,396	0.00%	8,396	0.00%	8,560	1.95%	61,932
-5706--**-**	Effluent Pond Cleaning	-	-	0.0%	90,000	0.0%	90,000	0.00%	-	(100.00%)	-	0.00%	-	0.00%	-	0.00%	90,000
-5802--**-**	Shipping/Freight	659	1,094	66.0%	200	-81.7%	-	(100.00%)	-	0.00%	-	0.00%	-	0.00%	-	0.00%	-
-6500--**-**	IT Allocations in to PC's & Depts.	564,971	611,860	8.3%	646,448	5.7%	592,694	(8.32%)	617,136	4.12%	633,756	2.69%	649,448	2.48%	665,304	2.44%	3,158,338
	Total Other Expenses	8,857,138	9,158,963	3.4%	10,707,660	16.9%	10,188,598	(4.85%)	10,590,872	3.95%	10,815,488	2.12%	10,928,852	1.05%	11,324,564	3.62%	53,848,374
	Total Expenses	16,587,654	16,437,739	-0.9%	18,701,584	13.8%	18,346,162	-1.9%	18,738,588	2.1%	19,371,184	3.4%	19,830,780	2.4%	20,570,756	3.7%	96,857,470

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

		PC 02	PC 05	PC 08	PC 12	PC 15	PC 17	PC 21	PC 24	SOCWA
Salary and Fringe										
5000--**_**	Regular Salaries-O&M	1,539,152	102,104	92,352	35,084	954,416	1,797,416	-	99,608	4,620,132
5001--**_**	Overtime Salaries-O&M	35,144	900	-	-	18,928	54,072	-	460	109,504
5306--**_**	Scheduled Holiday Work	13,324	-	-	-	2,596	12,772	-	-	28,692
5315--**_**	Comp Time - O&M	3,508	-	-	-	4,288	-	-	-	7,796
5401--**_**	Fringe Benefits IN to PC's & Depts.	1,107,296	73,456	66,436	25,248	686,636	1,293,120	-	71,648	3,323,840
5700--**_**	Standby Pay	13,520	-	-	-	27,040	27,040	-	-	67,600
	Total Payroll Costs	2,711,944	176,460	158,788	60,332	1,693,904	3,184,420	-	171,716	8,157,564
Other Expenses										
5002--**_**	Electricity	399,688	-	-	-	270,960	351,916	-	-	1,022,564
5003--**_**	Natural Gas	168,004	500	-	-	3,000	95,000	-	-	266,504
5004--**_**	Potable & Reclaimed Water	24,000	-	-	-	30,996	29,996	-	-	84,992
5005--**_**	Co-generation Power Credit	-	-	-	-	-	(325,004)	-	-	(325,004)
5006--**_**	Chlorine/Sodium Hypochlorite	5,000	-	-	-	99,000	402,000	-	-	506,000
5007--**_**	Polymer Products	322,000	-	-	-	1,004	482,000	-	-	805,004
5008--**_**	Ferric Chloride	103,736	-	-	-	28,368	172,888	-	-	304,992
5009--**_**	Odor Control Chemicals	28,988	-	-	-	56,216	44,796	-	-	130,000
5010--**_**	Other Chemicals - Misc.	1,000	-	-	-	-	1,996	-	-	2,996
5011--**_**	Laboratory Services	10,916	-	2,996	-	14,000	16,500	-	-	44,412
5012--**_**	Grit Hauling - 21A	51,252	-	-	-	30,000	47,000	-	-	128,252
5013--**_**	Landscaping	41,780	-	-	-	50,548	67,668	-	-	159,996
5014--**_**	Engineering - Misc.	-	-	-	-	1,000	-	-	-	1,000
5015--**_**	Management Support Services	33,004	15,004	2,004	270,000	4,500	13,204	-	22,496	360,212
5016--**_**	Audit - Environmental	-	-	600	-	-	-	-	-	600
5017--**_**	Legal Fees	3,328	3,012	2,504	2,004	15,000	1,500	-	1,004	28,352
5018--**_**	Public Notices/ Public Relations	-	-	5,004	-	-	-	-	-	5,004
5019--**_**	Contract Services Misc. - 29	60,240	-	-	-	59,036	80,720	-	-	199,996
5021--**_**	Small Vehicle Expense - 31A	10,004	-	1,056	-	6,004	7,000	-	-	24,064
5022--**_**	Miscellaneous Expense	8,000	-	2,004	-	2,996	5,004	-	-	18,004
5023--**_**	Office Supplies - All	28,000	-	-	-	4,004	11,000	-	-	43,004
5024--**_**	Petroleum Products	14,124	-	-	-	1,660	33,220	-	-	49,004
5025--**_**	Uniforms	20,000	-	-	-	9,000	25,004	-	-	54,004
5026--**_**	Small Vehicle Fuel - 37A	15,004	-	1,500	-	5,000	9,996	-	-	31,500
5027--**_**	Insurance - Property/Liability	68,556	6,248	2,160	2,364	35,372	88,132	740	6,524	210,096
5028--**_**	Small Tools & Supplies	35,496	-	3,876	-	9,524	25,976	-	-	74,872
5030--**_**	Trash Disposal	2,000	-	-	-	2,996	1,996	-	-	6,992

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

		PC 02	PC 05	PC 08	PC 12	PC 15	PC 17	PC 21	PC 24	SOCWA
5031--**-**	Safety Supplies	39,652	1,004	-	-	36,048	39,648	-	1,004	117,356
5032--**-**	Equipment Rental	3,000	-	-	-	1,000	3,004	-	-	7,004
5033--**-**	Recruitment	1,000	-	-	-	1,000	1,004	-	-	3,004
5034--**-**	Travel Expense/Tech. Conferences	15,964	3,712	4,348	2,280	15,968	15,956	-	3,704	61,932
5035--**-**	Training Expense	13,168	5,988	1,564	-	13,268	15,172	-	6,008	55,168
5036--**-**	Laboratory Supplies	14,520	19,468	-	-	16,500	23,208	-	19,560	93,256
5037--**-**	Office Equipment	13,000	-	-	-	2,000	10,000	-	-	25,000
5038--**-**	Permits	22,500	196,000	10,012	20,000	23,236	41,624	-	186,756	500,128
5039--**-**	Membership Dues/Fees	4,200	5,496	1,016	-	2,368	4,312	-	5,500	22,892
5044--**-**	Offshore Monitoring - 20A	-	18,000	-	-	-	-	-	18,000	36,000
5046--**-**	Effluent Chemistry - 20C	-	14,000	-	-	-	-	-	14,004	28,004
5047--**-**	Access Road Expenses	-	-	-	-	49,000	-	-	-	49,000
5048--**-**	Storm Damage	-	-	-	-	20,008	-	-	-	20,008
5049--**-**	Biosolids Disposal - 21B	450,000	-	-	-	-	905,004	-	-	1,355,004
5050--**-**	Contract Services Generators - 29A	10,004	-	-	-	4,004	8,000	-	-	22,008
5052--**-**	Janitorial Services	41,000	-	-	-	20,008	41,000	-	-	102,008
5053--**-**	Contract Serv - Digester Cleaning - 29E	59,996	-	-	-	-	-	-	-	59,996
5054--**-**	Diesel Truck Maint - 31B	21,000	-	-	-	996	19,004	-	-	41,000
5055--**-**	Diesel Truck Fuel - 37B	6,000	-	-	-	996	8,000	-	-	14,996
5056--**-**	Maintenance Equip. & Facilities (Solids) 4	155,004	-	-	-	-	201,000	-	-	356,004
5057--**-**	Maintenance Equip. & Facilities (Liquids)	254,000	-	-	-	179,000	230,000	-	-	663,000
5058--**-**	Maintenance Equip. & Facilities (Common)	28,000	1,004	-	-	22,000	35,000	-	1,004	87,008
5059--**-**	Maintenance Equip. & Facilities (Co-Gen)	369,996	-	-	-	-	588,000	-	-	957,996
5060--**-**	Maintenance Equip. & Facilities (AWT) 41	-	-	-	-	37,000	37,000	-	-	74,000
5061--**-**	Mileage	1,504	-	-	-	-	1,004	-	-	2,508
17-5068-02-04-22	MNWD Lab Services and Supplies	-	-	-	-	-	24,972	-	-	24,972
5069--**-**	Outfall Inspection/Port Cleaning	-	30,000	-	-	-	-	-	30,004	60,004
5076--**-**	SCADA Infrastructure	6,996	-	-	-	6,996	7,000	-	-	20,992
5077--**-**	IT Direct	8,040	-	-	-	-	8,040	-	-	16,080
5105--**-**	Co-Generation Power Credit - Offset	-	-	-	-	-	325,000	-	-	325,000
5303--**-**	Group Insurance Waiver	3,600	-	-	-	3,604	7,192	-	-	14,396
5305--**-**	Medicare Tax Payments for Employees	1,116	-	-	-	1,668	-	-	-	2,784
5309--**-**	Operating Leases	21,800	-	-	-	-	-	-	-	21,800
5705--**-**	Monthly Car Allowance	12,592	-	-	-	4,200	11,392	-	-	28,184
5706--**-**	Effluent Pond Cleaning	-	-	-	-	-	90,000	-	-	90,000
6500--**-**	IT Allocations in to PC's & Depts.	197,448	13,100	11,840	4,508	122,436	230,586	-	12,776	592,694
	Total Other Expenses	3,229,220	332,536	52,484	301,156	1,323,488	4,620,630	740	328,344	10,188,598
	Total Expenses	5,941,164	508,996	211,272	361,488	3,017,392	7,805,050	740	500,060	18,346,162

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

		PC 02	PC 05	PC 08	PC 12	PC 15	PC 17	PC 21	PC 24	SOCWA
Salary and Fringe										
5000--**-**	Regular Salaries-O&M	1,524,348	106,992	96,800	36,792	947,668	1,787,120	-	104,080	4,603,800
5001--**-**	Overtime Salaries-O&M	35,024	128	1,572	-	19,436	55,080	-	172	111,412
5306--**-**	Scheduled Holiday Work	16,748	740	204	-	6,028	18,332	-	224	42,276
5315--**-**	Comp Time - O&M	4,868	-	-	-	3,996	1,244	-	-	10,108
5401--**-**	Fringe Benefits IN to PC's & Depts.	1,096,660	76,972	69,640	26,476	681,776	1,285,720	-	74,876	3,312,120
5700--**-**	Standby Pay	14,000	-	-	-	27,000	27,000	-	-	68,000
	Total Payroll Costs	2,691,648	184,832	168,216	63,268	1,685,904	3,174,496	-	179,352	8,147,716
Other Expenses										
5002--**-**	Electricity	419,996	-	-	-	285,000	369,996	-	-	1,074,992
5003--**-**	Natural Gas	175,996	1,004	-	-	3,000	100,000	-	-	280,000
5004--**-**	Potable & Reclaimed Water	25,004	-	-	-	31,996	31,004	-	-	88,004
5005--**-**	Co-generation Power Credit	-	-	-	-	-	(425,000)	-	-	(425,000)
5006--**-**	Chlorine/Sodium Hypochlorite	6,004	-	-	-	119,000	482,000	-	-	607,004
5007--**-**	Polymer Products	322,000	-	-	-	1,004	482,004	-	-	805,008
5008--**-**	Ferric Chloride	109,000	-	-	-	30,000	181,996	-	-	320,996
5009--**-**	Odor Control Chemicals	30,004	-	-	-	57,996	46,000	-	-	134,000
5010--**-**	Other Chemicals - Misc.	1,000	-	-	-	-	1,996	-	-	2,996
5011--**-**	Laboratory Services	11,140	-	2,996	-	14,204	17,072	-	-	45,412
5012--**-**	Grit Hauling - 21A	53,000	-	-	-	31,000	48,000	-	-	132,000
5013--**-**	Landscaping	43,000	-	-	-	52,004	69,000	-	-	164,004
5014--**-**	Engineering - Misc.	1,000	-	-	-	16,000	26,004	62,496	20,004	125,504
5015--**-**	Management Support Services	25,004	7,700	2,004	257,996	4,500	14,400	-	22,496	334,100
5016--**-**	Audit - Environmental	-	-	608	-	-	-	-	-	608
5017--**-**	Legal Fees	3,000	3,012	2,532	2,004	15,000	1,996	-	2,008	29,552
5018--**-**	Public Notices/ Public Relations	-	-	5,196	-	-	-	-	-	5,196
5019--**-**	Contract Services Misc. - 29	63,004	-	-	-	62,000	85,004	-	-	210,008
5021--**-**	Small Vehicle Expense - 31A	10,004	-	1,056	-	6,004	7,000	-	-	24,064
5022--**-**	Miscellaneous Expense	8,000	-	2,032	-	2,996	5,004	-	-	18,032
5023--**-**	Office Supplies - All	29,000	-	-	-	4,004	11,000	-	-	44,004
5024--**-**	Petroleum Products	15,000	-	-	-	2,000	34,996	-	-	51,996
5025--**-**	Uniforms	21,000	-	-	-	9,004	26,000	-	-	56,004
5026--**-**	Small Vehicle Fuel - 37A	16,000	-	1,520	-	5,000	9,996	-	-	32,516
5027--**-**	Insurance - Property/Liability	74,636	11,656	1,584	1,000	39,512	96,852	1,004	12,500	238,744
5028--**-**	Small Tools & Supplies	36,004	-	4,124	-	10,000	27,000	-	-	77,128
5030--**-**	Trash Disposal	2,000	-	-	-	2,996	1,996	-	-	6,992

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

		PC 02	PC 05	PC 08	PC 12	PC 15	PC 17	PC 21	PC 24	SOCWA
5031--**-**	Safety Supplies	40,800	1,056	-	-	36,100	40,504	-	996	119,456
5032--**-**	Equipment Rental	3,000	-	-	-	1,000	3,004	-	-	7,004
5033--**-**	Recruitment	1,000	-	-	-	1,000	1,004	-	-	3,004
5034--**-**	Travel Expense/Tech. Conferences	17,848	3,852	4,444	2,684	17,856	17,844	-	3,852	68,380
5035--**-**	Training Expense	14,000	6,000	1,584	-	14,100	15,996	-	6,004	57,684
5036--**-**	Laboratory Supplies	14,844	18,124	-	-	17,004	23,672	-	19,956	93,600
5037--**-**	Office Equipment	13,000	-	-	-	2,000	9,996	-	-	24,996
5038--**-**	Permits	22,500	178,000	10,012	18,840	23,628	42,640	-	171,496	467,116
5039--**-**	Membership Dues/Fees	4,080	5,564	1,016	-	2,056	4,060	-	5,564	22,340
5044--**-**	Offshore Monitoring - 20A	-	18,000	-	-	-	-	-	18,000	36,000
5046--**-**	Effluent Chemistry - 20C	-	14,000	-	-	-	-	-	14,004	28,004
5047--**-**	Access Road Expenses	-	-	-	-	50,000	-	-	-	50,000
5048--**-**	Storm Damage	-	-	-	-	21,000	-	-	-	21,000
5049--**-**	Biosolids Disposal - 21B	461,000	-	-	-	-	928,000	-	-	1,389,000
5050--**-**	Contract Services Generators - 29A	10,004	-	-	-	4,004	8,000	-	-	22,008
5052--**-**	Janitorial Services	42,000	-	-	-	21,000	42,000	-	-	105,000
5053--**-**	Contract Serv - Digester Cleaning - 29E	61,000	-	-	-	-	61,004	-	-	122,004
5054--**-**	Diesel Truck Maint - 31B	22,000	-	-	-	996	19,004	-	-	42,000
5055--**-**	Diesel Truck Fuel - 37B	6,000	-	-	-	996	8,000	-	-	14,996
5056--**-**	Maintenance Equip. & Facilities (Solids) 41-A	158,996	-	-	-	-	206,004	-	-	365,000
5057--**-**	Maintenance Equip. & Facilities (Liquids) 41-B	259,996	-	-	-	182,996	235,996	-	-	678,988
5058--**-**	Maintenance Equip. & Facilities (Common) 41-C	29,000	1,004	-	-	23,000	36,000	-	1,004	90,008
5059--**-**	Maintenance Equip. & Facilities (Co-Gen) 41-D	378,996	-	-	-	-	603,000	-	-	981,996
5060--**-**	Maintenance Equip. & Facilities (AWT) 41-E	-	-	-	-	38,000	38,000	-	-	76,000
5061--**-**	Mileage	2,044	-	-	-	-	1,004	-	-	3,048
5067--**-**	Port Cleaning	-	35,000	-	-	-	-	-	35,000	70,000
17-5068-02-04-22	MNWD Lab Services and Supplies	-	-	-	-	-	25,472	-	-	25,472
5076--**-**	SCADA Infrastructure	6,996	-	-	-	6,996	7,000	-	-	20,992
5077--**-**	IT Direct	8,000	-	-	-	6,004	8,000	-	-	22,004
5101--**-**	Employee Recognition	-	1,004	-	-	-	-	-	-	1,004
5105--**-**	Co-Generation Power Credit - Offset	-	-	-	-	-	425,000	-	-	425,000
5303--**-**	Group Insurance Waiver	-	-	-	-	-	3,604	-	-	3,604
5305--**-**	Medicare Tax Payments for Employees	-	2,640	-	-	-	128	-	-	2,768
5309--**-**	Operating Leases	22,000	-	-	-	-	-	-	-	22,000
5705--**-**	Monthly Car Allowance	-	4,204	-	-	-	4,192	-	-	8,396
6500--**-**	IT Allocations in to PC's & Depts.	204,336	14,344	12,980	4,928	127,028	239,568	-	13,952	617,136
	Total Other Expenses	3,303,236	326,164	53,688	287,452	1,400,984	4,809,012	63,500	346,836	10,590,872
	Total Expenses	5,994,884	510,996	221,904	350,720	3,086,888	7,983,508	63,500	526,188	18,738,588

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

		PC 02	PC 05	PC 08	PC 12	PC 15	PC 17	PC 21	PC 24	SOCWA
Salary and Fringe										
5000--**-**	Regular Salaries-O&M	1,601,540	112,956	102,192	38,840	995,884	1,878,248	-	109,876	4,839,536
5001--**-**	Overtime Salaries-O&M	36,104	140	1,680	-	19,528	56,316	-	180	113,948
5306--**-**	Scheduled Holiday Work	16,748	740	204	-	6,028	18,324	-	224	42,268
5315--**-**	Comp Time - O&M	4,920	-	-	-	3,996	1,324	-	-	10,240
5401--**-**	Fringe Benefits IN to PC's & Depts.	1,152,192	81,260	73,516	27,948	716,460	1,351,280	-	79,048	3,481,704
5700--**-**	Standby Pay	14,000	-	-	-	27,000	27,000	-	-	68,000
	Total Payroll Costs	2,825,504	195,096	177,592	66,788	1,768,896	3,332,492	-	189,328	8,555,696
Other Expenses										
5002--**-**	Electricity	441,000	-	-	-	299,000	389,000	-	-	1,129,000
5003--**-**	Natural Gas	185,008	1,004	-	-	3,000	105,000	-	-	294,012
5004--**-**	Potable & Reclaimed Water	26,000	-	-	-	33,000	32,000	-	-	91,000
5005--**-**	Co-generation Power Credit	-	-	-	-	-	(446,000)	-	-	(446,000)
5006--**-**	Chlorine/Sodium Hypochlorite	6,004	-	-	-	119,000	482,000	-	-	607,004
5007--**-**	Polymer Products	338,000	-	-	-	1,004	505,996	-	-	845,000
5008--**-**	Ferric Chloride	114,000	-	-	-	32,000	191,000	-	-	337,000
5009--**-**	Odor Control Chemicals	31,000	-	-	-	59,000	47,000	-	-	137,000
5010--**-**	Other Chemicals - Misc.	1,000	-	-	-	-	1,996	-	-	2,996
5011--**-**	Laboratory Services	11,468	-	2,996	-	14,800	17,580	-	-	46,844
5012--**-**	Grit Hauling - 21A	54,000	-	-	-	32,000	49,004	-	-	135,004
5013--**-**	Landscaping	43,996	-	-	-	53,000	70,996	-	-	167,992
5014--**-**	Engineering - Misc.	1,000	-	-	-	16,000	26,004	62,496	20,004	125,504
5015--**-**	Management Support Services	20,004	7,896	2,004	257,996	4,500	15,000	-	22,496	329,896
5016--**-**	Audit - Environmental	-	-	652	-	-	-	-	-	652
5017--**-**	Legal Fees	3,000	3,012	2,600	2,004	15,000	1,996	-	2,008	29,620
5018--**-**	Public Notices/ Public Relations	-	-	5,252	-	-	-	-	-	5,252
5019--**-**	Contract Services Misc. - 29	66,000	-	-	-	65,000	89,004	-	-	220,004
5021--**-**	Small Vehicle Expense - 31A	10,004	-	1,076	-	6,004	7,000	-	-	24,084
5022--**-**	Miscellaneous Expense	8,000	-	2,004	-	2,996	5,004	-	-	18,004
5023--**-**	Office Supplies - All	30,004	-	-	-	4,004	11,000	-	-	45,008
5024--**-**	Petroleum Products	15,996	-	-	-	2,000	36,992	-	-	54,988
5025--**-**	Uniforms	21,992	-	-	-	9,000	27,004	-	-	57,996
5026--**-**	Small Vehicle Fuel - 37A	17,000	-	1,584	-	5,000	11,000	-	-	34,584
5027--**-**	Insurance - Property/Liability	76,632	11,656	1,584	1,000	40,616	98,852	1,004	12,500	243,844
5028--**-**	Small Tools & Supplies	37,004	-	4,356	-	10,000	28,004	-	-	79,364
5030--**-**	Trash Disposal	2,000	-	-	-	2,996	1,996	-	-	6,992

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

		PC 02	PC 05	PC 08	PC 12	PC 15	PC 17	PC 21	PC 24	SOCWA
5031--**-**	Safety Supplies	41,000	1,128	-	-	37,184	41,248	-	1,044	121,604
5032--**-**	Equipment Rental	3,000	-	-	-	1,000	3,004	-	-	7,004
5033--**-**	Recruitment	1,000	-	-	-	1,000	1,004	-	-	3,004
5034--**-**	Travel Expense/Tech. Conferences	18,904	3,900	4,552	2,800	18,900	18,904	-	3,904	71,864
5035--**-**	Training Expense	15,000	6,000	1,584	-	15,100	17,000	-	6,004	60,688
5036--**-**	Laboratory Supplies	13,900	18,152	-	-	17,500	24,400	-	20,560	94,512
5037--**-**	Office Equipment	13,000	-	-	-	2,000	9,996	-	-	24,996
5038--**-**	Permits	22,500	181,004	10,012	18,924	23,920	43,904	-	173,996	474,260
5039--**-**	Membership Dues/Fees	4,116	5,804	1,016	-	2,096	4,104	-	5,800	22,936
5044--**-**	Offshore Monitoring - 20A	-	18,000	-	-	-	-	-	18,000	36,000
5046--**-**	Effluent Chemistry - 20C	-	14,000	-	-	-	-	-	14,004	28,004
5047--**-**	Access Road Expenses	-	-	-	-	51,000	-	-	-	51,000
5048--**-**	Storm Damage	-	-	-	-	22,000	-	-	-	22,000
5049--**-**	Biosolids Disposal - 21B	472,996	-	-	-	-	951,000	-	-	1,423,996
5050--**-**	Contract Services Generators - 29A	10,004	-	-	-	4,004	8,000	-	-	22,008
5052--**-**	Janitorial Services	43,000	-	-	-	22,000	43,004	-	-	108,004
5053--**-**	Contract Serv - Digester Cleaning	-	-	-	-	61,000	63,000	-	-	124,000
5054--**-**	Diesel Truck Maint - 31B	23,000	-	-	-	996	19,004	-	-	43,000
5055--**-**	Diesel Truck Fuel - 37B	6,000	-	-	-	996	8,000	-	-	14,996
5056--**-**	Maintenance Equip. & Facilities (Solids) 41-A	163,000	-	-	-	-	211,000	-	-	374,000
5057--**-**	Maintenance Equip. & Facilities (Liquids) 41-B	266,996	-	-	-	188,004	242,000	-	-	697,000
5058--**-**	Maintenance Equip. & Facilities (Common) 41-C	30,004	1,004	-	-	24,000	36,996	-	1,004	93,008
5059--**-**	Maintenance Equip. & Facilities (Co-Gen) 41-D	388,000	-	-	-	-	618,004	-	-	1,006,004
5060--**-**	Maintenance Equip. & Facilities (AWT) 41-E	-	-	-	-	39,000	39,000	-	-	78,000
5061--**-**	Mileage	2,104	-	-	-	-	1,004	-	-	3,108
17-5068-02-04-22	MNWD Lab Services and Supplies	-	-	-	-	-	26,200	-	-	26,200
5076--**-**	SCADA Infrastructure	6,996	-	-	-	6,996	7,000	-	-	20,992
5077--**-**	IT Direct	8,000	-	-	-	6,004	8,000	-	-	22,004
5101--**-**	Employee Recognition	-	1,004	-	-	-	-	-	-	1,004
5105--**-**	Co-Generation Power Credit - Offset	-	-	-	-	-	446,000	-	-	446,000
5303--**-**	Group Insurance Waiver	-	-	-	-	-	3,604	-	-	3,604
5305--**-**	Medicare Tax Payments for Employees	-	2,748	-	-	-	136	-	-	2,884
5309--**-**	Operating Leases	23,008	-	-	-	-	-	-	-	23,008
5705--**-**	Monthly Car Allowance	-	4,204	-	-	-	4,192	-	-	8,396
6500--**-**	IT Allocations in to PC's & Depts.	209,732	14,788	13,384	5,084	130,412	245,968	-	14,388	633,756
Total Other Expenses		3,345,372	295,304	54,656	287,808	1,504,032	4,949,104	63,500	315,712	10,815,488
Total Expenses		6,170,876	490,400	232,248	354,596	3,272,928	8,281,596	63,500	505,040	19,371,184

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

		PC 02	PC 05	PC 08	PC 12	PC 15	PC 17	PC 21	PC 24	SOCWA
Salary and Fringe										
5000--**-**	Regular Salaries-O&M	1,664,136	119,232	107,888	41,004	1,035,576	1,953,780	-	116,000	5,037,616
5001--**-**	Overtime Salaries-O&M	37,180	140	1,804	-	19,632	57,536	-	192	116,484
5306--**-**	Scheduled Holiday Work	16,748	740	204	-	7,024	18,324	-	224	43,264
5315--**-**	Comp Time - O&M	5,980	-	-	-	4,996	1,416	-	-	12,392
5401--**-**	Fringe Benefits IN to PC's & Depts.	1,197,216	85,780	77,620	29,488	745,024	1,405,592	-	83,452	3,624,172
5700--**-**	Standby Pay	14,000	-	-	-	27,000	27,000	-	-	68,000
	Total Payroll Costs	2,935,260	205,892	187,516	70,492	1,839,252	3,463,648	-	199,868	8,901,928
Other Expenses										
5002--**-**	Electricity	463,000	-	-	-	314,000	408,004	-	-	1,185,004
5003--**-**	Natural Gas	194,000	1,004	-	-	3,000	110,000	-	-	308,004
5004--**-**	Potable & Reclaimed Water	27,000	-	-	-	34,000	33,000	-	-	94,000
5005--**-**	Co-generation Power Credit	-	-	-	-	-	(468,000)	-	-	(468,000)
5006--**-**	Chlorine/Sodium Hypochlorite	6,004	-	-	-	125,004	506,000	-	-	637,008
5007--**-**	Polymer Products	355,000	-	-	-	1,004	530,996	-	-	887,000
5008--**-**	Ferric Chloride	120,000	-	-	-	34,000	201,000	-	-	355,000
5009--**-**	Odor Control Chemicals	32,000	-	-	-	60,000	47,996	-	-	139,996
5010--**-**	Other Chemicals - Misc.	2,000	-	-	-	-	1,996	-	-	3,996
5011--**-**	Laboratory Services	11,468	-	2,996	-	14,996	18,124	-	-	47,584
5012--**-**	Grit Hauling - 21A	55,000	-	-	-	33,000	49,996	-	-	137,996
5013--**-**	Landscaping	45,000	-	-	-	54,004	73,000	-	-	172,004
5014--**-**	Engineering - Misc.	2,000	-	-	-	16,000	26,004	62,496	20,004	126,504
5015--**-**	Management Support Services	17,996	8,100	2,004	8,000	4,500	15,616	-	22,496	78,712
5016--**-**	Audit - Environmental	-	-	696	-	-	-	-	-	696
5017--**-**	Legal Fees	4,000	3,012	2,664	2,004	15,000	1,996	-	2,008	30,684
5018--**-**	Public Notices/ Public Relations	-	-	5,304	-	-	-	-	-	5,304
5019--**-**	Contract Services Misc. - 29	69,004	-	-	-	68,004	93,004	-	-	230,012
5021--**-**	Small Vehicle Expense - 31A	10,004	-	1,100	-	6,004	7,000	-	-	24,108
5022--**-**	Miscellaneous Expense	9,000	-	1,984	-	2,996	5,004	-	-	18,984
5023--**-**	Office Supplies - All	31,004	-	-	-	4,004	11,000	-	-	46,008
5024--**-**	Petroleum Products	17,004	-	-	-	2,000	39,000	-	-	58,004
5025--**-**	Uniforms	23,000	-	-	-	9,000	28,004	-	-	60,004
5026--**-**	Small Vehicle Fuel - 37A	17,996	-	1,668	-	5,000	11,996	-	-	36,660
5027--**-**	Insurance - Property/Liability	78,632	11,656	1,584	1,000	41,724	100,852	1,004	12,500	248,952
5028--**-**	Small Tools & Supplies	38,000	-	4,608	-	10,000	29,000	-	-	81,608
5030--**-**	Trash Disposal	3,000	-	-	-	2,996	1,996	-	-	7,992

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

		PC 02	PC 05	PC 08	PC 12	PC 15	PC 17	PC 21	PC 24	SOCWA
5031--**-**	Safety Supplies	41,500	1,240	-	-	38,292	42,500	-	1,100	124,632
5032--**-**	Equipment Rental	4,000	-	-	-	1,000	3,004	-	-	8,004
5033--**-**	Recruitment	2,000	-	-	-	1,000	1,004	-	-	4,004
5034--**-**	Travel Expense/Tech. Conferences	20,000	4,000	4,676	2,956	20,004	19,996	-	4,000	75,632
5035--**-**	Training Expense	16,004	6,000	1,584	-	16,100	17,996	-	6,004	63,688
5036--**-**	Laboratory Supplies	13,900	18,724	-	-	18,000	25,148	-	21,176	96,948
5037--**-**	Office Equipment	13,000	-	-	-	2,000	9,996	-	-	24,996
5038--**-**	Permits	22,500	185,000	10,012	18,996	24,208	45,204	-	175,500	481,420
5039--**-**	Membership Dues/Fees	5,116	5,848	1,016	-	3,152	5,152	-	5,844	26,128
5044--**-**	Offshore Monitoring - 20A	-	18,000	-	-	-	-	-	18,000	36,000
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	485,000	-	-	-	-	975,004	-	-	1,460,004
5050--**-**	Contract Services Generators - 29A	11,000	-	-	-	5,000	9,004	-	-	25,004
5052--**-**	Janitorial Services	43,996	-	-	-	23,000	44,000	-	-	110,996
5053--**-**	Contract Serv - Digester Cleaning	64,000	-	-	-	63,004	-	-	-	127,004
5054--**-**	Diesel Truck Maint - 31B	24,000	-	-	-	2,000	20,000	-	-	46,000
5055--**-**	Diesel Truck Fuel - 37B	7,000	-	-	-	2,000	8,996	-	-	17,996
5056--**-**	Maintenance Equip. & Facilities (Solids) 41-A	167,000	-	-	-	-	216,000	-	-	383,000
5057--**-**	Maintenance Equip. & Facilities (Liquids) 41-B	273,996	-	-	-	193,000	248,000	-	-	714,996
5058--**-**	Maintenance Equip. & Facilities (Common) 41-C	31,004	1,004	-	-	25,000	38,000	-	1,004	96,012
5059--**-**	Maintenance Equip. & Facilities (Co-Gen) 41-D	398,004	-	-	-	-	633,004	-	-	1,031,008
5060--**-**	Maintenance Equip. & Facilities (AWT) 41-E	-	-	-	-	40,000	40,000	-	-	80,000
5061--**-**	Mileage	3,148	-	-	-	-	1,996	-	-	5,144
17-5068-02-04-22	MNWD Lab Services and Supplies	-	-	-	-	-	26,948	-	-	26,948
5076--**-**	SCADA Infrastructure	8,000	-	-	-	8,000	8,000	-	-	24,000
5077--**-**	IT Direct	9,000	-	-	-	6,996	9,004	-	-	25,000
5101--**-**	Employee Recognition	-	1,004	-	-	-	-	-	-	1,004
5105--**-**	Co-Generation Power Credit - Offset	-	-	-	-	-	467,996	-	-	467,996
5303--**-**	Group Insurance Waiver	-	-	-	-	-	3,604	-	-	3,604
5305--**-**	Medicare Tax Payments for Employees	-	2,864	-	-	-	148	-	-	3,012
5309--**-**	Operating Leases	23,996	-	-	-	-	-	-	-	23,996
5705--**-**	Monthly Car Allowance	-	4,204	-	-	-	4,192	-	-	8,396
6500--**-**	IT Allocations in to PC's & Depts.	214,544	15,372	13,908	5,284	133,508	251,884	-	14,948	649,448
										-
	Total Other Expenses	3,532,820	301,032	55,804	38,240	1,560,504	5,058,364	63,500	318,588	10,928,852
	Total Expenses	6,468,080	506,924	243,320	108,732	3,399,756	8,522,012	63,500	518,456	19,830,780

South Orange County Wastewater Authority
Fiscal Year 2023-24 O&M Project Committee Detail
(Does Not Include Administration, Residual Engineering and General Fund Expenses)

		PC 02	PC 05	PC 08	PC 12	PC 15	PC 17	PC 21	PC 24	SOCWA
Salary and Fringe										
5000--**-**	Regular Salaries-O&M	1,726,368	125,860	113,892	43,280	1,075,204	2,029,324	-	122,464	5,236,392
5001--**-**	Overtime Salaries-O&M	38,200	144	1,840	-	19,664	58,608	-	196	118,652
5306--**-**	Scheduled Holiday Work	16,796	756	204	-	7,084	18,420	-	236	43,496
5315--**-**	Comp Time - O&M	5,996	-	-	-	4,996	1,452	-	-	12,444
5401--**-**	Fringe Benefits IN to PC's & Depts.	1,241,980	90,548	81,940	31,152	773,532	1,459,952	-	88,104	3,767,208
5700--**-**	Standby Pay	14,000	-	-	-	27,000	27,000	-	-	68,000
Total Payroll Costs		3,043,340	217,308	197,876	74,432	1,907,480	3,594,756	-	211,000	9,246,192
Other Expenses										
5002--**-**	Electricity	486,004	-	-	-	329,996	428,004	-	-	1,244,004
5003--**-**	Natural Gas	204,000	1,004	-	-	3,000	116,004	-	-	324,008
5004--**-**	Potable & Reclaimed Water	28,004	-	-	-	35,000	34,000	-	-	97,004
5005--**-**	Co-generation Power Credit	-	-	-	-	-	(490,996)	-	-	(490,996)
5006--**-**	Chlorine/Sodium Hypochlorite	6,004	-	-	-	131,004	531,000	-	-	668,008
5007--**-**	Polymer Products	373,000	-	-	-	1,004	558,000	-	-	932,004
5008--**-**	Ferric Chloride	126,000	-	-	-	35,996	211,000	-	-	372,996
5009--**-**	Odor Control Chemicals	32,996	-	-	-	61,996	48,996	-	-	143,988
5010--**-**	Other Chemicals - Misc.	2,000	-	-	-	-	1,996	-	-	3,996
5011--**-**	Laboratory Services	11,696	-	3,064	-	15,300	18,480	-	-	48,540
5012--**-**	Grit Hauling - 21A	55,996	-	-	-	34,000	50,996	-	-	140,992
5013--**-**	Landscaping	45,996	-	-	-	55,000	74,996	-	-	175,992
5014--**-**	Engineering - Misc.	2,000	-	-	-	16,300	26,512	63,748	20,408	128,968
5015--**-**	Management Support Services	18,360	8,304	2,044	8,160	4,592	15,924	-	22,944	80,328
5016--**-**	Audit - Environmental	-	-	708	-	-	-	-	-	708
5017--**-**	Legal Fees	4,000	3,052	2,716	2,040	15,000	1,996	-	2,044	30,848
5018--**-**	Public Notices/ Public Relations	-	-	5,404	-	-	-	-	-	5,404
5019--**-**	Contract Services Misc. - 29	72,000	-	-	-	71,000	97,996	-	-	240,996
5021--**-**	Small Vehicle Expense - 31A	10,004	-	1,120	-	6,004	7,000	-	-	24,128
5022--**-**	Miscellaneous Expense	9,000	-	2,032	-	2,996	5,004	-	-	19,032
5023--**-**	Office Supplies - All	32,000	-	-	-	4,004	11,000	-	-	47,004
5024--**-**	Petroleum Products	18,004	-	-	-	2,000	40,996	-	-	61,000
5025--**-**	Uniforms	24,004	-	-	-	9,000	29,004	-	-	62,008
5026--**-**	Small Vehicle Fuel - 37A	19,000	-	1,700	-	5,000	13,004	-	-	38,704
5027--**-**	Insurance - Property/Liability	80,724	11,772	1,620	1,028	42,796	102,984	1,004	12,612	254,540
5028--**-**	Small Tools & Supplies	39,004	-	4,704	-	10,000	30,000	-	-	83,708
5030--**-**	Trash Disposal	3,000	-	-	-	2,996	1,996	-	-	7,992

South Orange County Wastewater Authority
Fiscal Year 2023-24 O&M Project Committee Detail
(Does Not Include Administration, Residual Engineering and General Fund Expenses)

		PC 02	PC 05	PC 08	PC 12	PC 15	PC 17	PC 21	PC 24	SOCWA
5031--**-**	Safety Supplies	42,328	1,264	-	-	39,060	43,352	-	1,124	127,128
5032--**-**	Equipment Rental	4,000	-	-	-	1,000	3,004	-	-	8,004
5033--**-**	Recruitment	2,000	-	-	-	1,000	1,004	-	-	4,004
5034--**-**	Travel Expense/Tech. Conferences	21,080	4,100	4,772	3,012	21,076	21,080	-	4,080	79,200
5035--**-**	Training Expense	17,132	6,120	1,620	-	17,224	19,132	-	6,116	67,344
5036--**-**	Laboratory Supplies	14,172	19,092	-	-	18,360	25,648	-	21,600	98,872
5037--**-**	Office Equipment	13,000	-	-	-	2,000	9,996	-	-	24,996
5038--**-**	Permits	22,952	188,700	10,212	19,392	24,696	46,108	-	179,012	491,072
5039--**-**	Membership Dues/Fees	5,140	5,964	1,036	-	3,176	5,172	-	5,968	26,456
5044--**-**	Offshore Monitoring - 20A	-	18,360	-	-	-	-	-	18,360	36,720
5046--**-**	Effluent Chemistry - 20C	-	14,280	-	-	-	-	-	14,288	28,568
5047--**-**	Access Road Expenses	-	-	-	-	53,000	-	-	-	53,000
5048--**-**	Storm Damage	-	-	-	-	24,000	-	-	-	24,000
5049--**-**	Biosolids Disposal - 21B	496,996	-	-	-	-	999,000	-	-	1,495,996
5050--**-**	Contract Services Generators - 29A	11,000	-	-	-	5,000	9,004	-	-	25,004
5052--**-**	Janitorial Services	45,000	-	-	-	24,000	45,000	-	-	114,000
5053--**-**	Contract Serv - Digester Cleaning	-	-	-	-	65,000	66,000	-	-	131,000
5054--**-**	Diesel Truck Maint - 31B	25,000	-	-	-	2,000	20,996	-	-	47,996
5055--**-**	Diesel Truck Fuel - 37B	7,000	-	-	-	2,000	8,996	-	-	17,996
5056--**-**	Maintenance Equip. & Facilities (Solids) 41-A	171,000	-	-	-	-	221,000	-	-	392,000
5057--**-**	Maintenance Equip. & Facilities (Liquids) 41-B	281,004	-	-	-	198,000	253,996	-	-	733,000
5058--**-**	Maintenance Equip. & Facilities (Common) 41-C	32,000	1,004	-	-	25,996	39,000	-	1,004	99,004
5059--**-**	Maintenance Equip. & Facilities (Co-Gen) 41-D	408,000	-	-	-	-	649,000	-	-	1,057,000
5060--**-**	Maintenance Equip. & Facilities (AWT) 41-E	-	-	-	-	41,000	41,000	-	-	82,000
5061--**-**	Mileage	3,172	-	-	-	-	1,996	-	-	5,168
5067--**-**	Port Cleaning	-	-	-	-	-	-	-	35,000	35,000
17-5068-02-04-22	MNWD Lab Services and Supplies	-	-	-	-	-	27,488	-	-	27,488
5076--**-**	SCADA Infrastructure	8,000	-	-	-	8,000	8,000	-	-	24,000
5077--**-**	IT Direct	9,000	-	-	-	6,996	9,004	-	-	25,000
5101--**-**	Employee Recognition	-	1,024	-	-	-	-	-	-	1,024
5105--**-**	Co-Generation Power Credit - Offset	-	-	-	-	-	491,000	-	-	491,000
5303--**-**	Group Insurance Waiver	-	-	-	-	-	3,676	-	-	3,676
5305--**-**	Medicare Tax Payments for Employees	-	2,924	-	-	-	152	-	-	3,076
5309--**-**	Operating Leases	25,004	-	-	-	-	-	-	-	25,004
5705--**-**	Monthly Car Allowance	-	4,288	-	-	-	4,272	-	-	8,560
6500--**-**	IT Allocations in to PC's & Depts.	219,340	15,996	14,468	5,512	136,604	257,824	-	15,560	665,304
	Total Other Expenses	3,586,116	307,248	57,220	39,144	1,613,172	5,296,792	64,752	360,120	11,324,564
	Total Expenses	6,629,456	524,556	255,096	113,576	3,520,652	8,891,548	64,752	571,120	20,570,756

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

		FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Actual	FY 2018-19 Budget	FY 2019-20 Budget	Q1 FY 19-20	Q2 FY 19-20	Q3 FY 19-20	Q4 FY 19-20	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget	FY 2023-24 Budget
Salary and Fringe														
01-6000-04-00-00	Regular Salaries-Admin & IT	667,234	695,744	857,635	985,352	1,030,445	257,611	257,611	257,611	257,611	973,236	1,027,494	1,084,777	1,145,253
01-6001-04-00-00	Overtime Salaries-Admin & IT	21,816	27,883	29,661	12,000	6,000	1,500	1,500	1,500	1,500	6,000	6,000	6,000	6,000
01-6315-04-00-00	Comp Time - Admin		1,914	10,469	10,000	5,000	1,250	1,250	1,250	1,250	5,000	5,000	5,000	5,000
01-6401-04-00-00	Fringe Benefits IN to PC's & Depts.	520,442	602,675	630,891	709,453	741,332	185,333	185,333	185,333	185,333	700,174	739,209	780,420	823,928
	Total Payroll Costs	1,209,491	1,328,215	1,528,656	1,716,805	1,782,777	445,694	445,694	445,694	445,694	1,684,410	1,777,703	1,876,197	1,980,181
Other Expenses														
01-5018-04-00-00	Public Notices/ Public Relations	1,350			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	45,075	21,200	34,200	8,550	8,550	8,550	8,550	34,884	35,582	36,293	37,019
01-6102-04-00-00	Subscriptions	0	1,334	2,677	3,243	2,000	500	500	500	500	2,040	2,081	2,122	2,165
01-6200-04-00-00	Management Support Services	180,895	162,229	219,478	112,500	100,000	25,000	25,000	25,000	25,000	102,000	104,040	106,121	108,243
01-6201-04-00-00	Audit	22,900	34,700	55,000	40,000	45,000	11,250	11,250	11,250	11,250	45,900	46,818	47,754	48,709
01-6202-04-00-00	Legal	76,861	188,130	282,388	250,000	250,000	62,500	62,500	62,500	62,500	255,000	260,100	265,302	270,608
01-6203-04-00-00	Outside Services	0	5,110											
01-6204-04-00-00	Postage	3,512	2,521	2,348	2,319	2,400	600	600	600	600	2,448	2,497	2,547	2,598
01-6220-04-00-00	Board of Directors - Fees	10,854					-	-	-	-				
01-6223-04-00-00	Office Supplies - Admin	2,705	4,041	5,561	8,470	6,000	1,500	1,500	1,500	1,500	6,120	6,242	6,367	6,495
01-6224-04-00-00	Office Equipment Admin or IT	7,814	9,132	6,722	8,000	400	100	100	100	100	400	400	400	400
01-6234-04-00-00	Memberships & Trainings	56,335	75,467	71,655	89,520	90,000	22,500	22,500	22,500	22,500	91,800	93,636	95,509	97,419
01-6239-04-00-00	Travel & Conference	24,734	23,794	27,680	20,800	21,500	5,375	5,375	5,375	5,375	21,930	22,369	22,816	23,272
01-6240-04-00-00	Scholarship/Education reimbursement	1,000	1,000		1,000		0	0	0	0				
01-6310-04-00-00	Miscellaneous	18,236	20,831	28,056	20,000	23,000	5,750	5,750	5,750	5,750	23,460	23,929	24,408	24,896
01-6311-04-00-00	Mileage	328	941	1,164	1,000	1,188	297	297	297	297	1,211	1,236	1,260	1,285
01-6317-04-00-00	Contract Services Misc	4,225	8,070	4,855	4,936	5,500	1,375	1,375	1,375	1,375	5,610	5,722	5,837	5,953
01-6500-04-00-00	IT Allocations in to PC's & Depts.	80,556	80,812	104,057	141,240	132,191	33,048	33,048	33,048	33,048	130,459	134,553	139,853	145,504
01-6601-04-00-00	Shipping/Freight	1,067	2,647	3,595	1,500	3,667	917	917	917	917	3,740	3,815	3,891	3,969
01-6705-04-00-00	Monthly Car Allowance	11,608	12,231	12,000	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	872,312	739,130	729,045	182,261	182,261	182,261	182,261	739,003	755,019	772,481	790,536
Total Administration Expenses		1,739,067	1,997,037	2,400,967	2,455,935	2,511,822	627,956	627,956	627,956	627,956	2,423,412	2,532,722	2,648,677	2,770,717

*Expenses included in the General Fund and the pro rata share are detailed on page 50.

**FY 2015-16 includes \$23,860 distributed only to the City of Laguna Beach.

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

			Finance Committee Recommended General Fund %'s	FY 2017-18 Actual	FY 18-19 Budget	FY 2019-20 Budget	Q1 FY 19-20	Q2 FY 19-20	Q3 FY 19-20	Q4 FY 19-20	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget	FY 2023-24 Budget
Salary and Fringe														
01-6000-04-00-00	Regular Salaries-Admin & IT		Footnote #1	110,595	219,977	223,834	55,959	55,959	55,959	55,959	180,516	190,579	201,204	212,421
01-6001-04-00-00	Overtime Salaries-Admin & IT		50%	150,343	6,000	3,000	750	750	750	750	3,000	3,000	3,000	3,000
01-6315-04-00-00	Comp Time - Admin		50%	14,831	5,000	2,500	625	625	625	625	2,500	2,500	2,500	2,500
01-6401-04-00-00	Fringe Benefits IN to PC's & Depts.			5,235	158,384	161,033	40,258	40,258	40,258	40,258	129,868	137,108	144,752	152,822
Total Payroll Costs				281,002	389,361	390,367	97,592	97,592	97,592	97,592	315,884	333,188	351,456	370,743
Percentage Change YOY											-19.08%	5.48%	5.48%	5.49%
Other Expenses														
01-5018-04-00-00	Public Notices/ Public Relations		100%		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%	55,000	40,000	45,000	11,250	11,250	11,250	11,250	45,900	46,818	47,754	48,709
01-6202-04-00-00	Legal		40%	112,955	100,000	100,000	25,000	25,000	25,000	25,000	102,000	104,040	106,121	108,243
01-6203-04-00-00	Outside Services		100%											
01-6204-04-00-00	Postage		20%	470	464	480	120	120	120	120	490	499	509	520
01-6220-04-00-00	Board of Directors - Fees													
01-6223-04-00-00	Office Supplies - Admin		100%	5,561	8,470	6,000	1,500	1,500	1,500	1,500	6,120	6,242	6,367	6,495
01-6224-04-00-00	Office Equipment		100%	6,722	8,000	400	100	100	100	100	400	400	400	400
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%	5,611	4,000	4,600	1,150	1,150	1,150	1,150	4,692	4,786	4,882	4,979
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%	5,203	7,062	6,610	1,652	1,652	1,652	1,652	6,523	6,728	6,993	7,275
01-6601-04-00-00	Shipping/Freight													
01-6705-04-00-00	Monthly Car Allowance													
Total Other Expenses				191,522	169,396	163,090	40,772	40,772	40,772	40,772	166,125	169,513	173,026	176,621
Total General Fund Expenses				472,524	558,757	553,456	138,364	138,364	138,364	138,364	482,008	502,701	524,482	547,365
Percentage Change YOY											-12.91%	4.29%	4.33%	4.36%
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 Actual	FY 18-19 Budget	FY 2019-20 Budget	Q1 FY 19-20	Q2 FY 19-20	Q3 FY 19-20	Q4 FY 19-20	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget	FY 2023-24 Budget
Salary and Fringe														
01-5000-03-00-00	Regular Salaries-O&M	43,715	153,513	192,301	199,834	207,349	51,837	51,837	51,837	51,837	188,522	192,611	196,571	200,374
01-5001-03-00-00	Overtime Salaries-O&M			101										
01-5306-03-00-00	Scheduled Holiday Work			48										
01-5401-03-00-00	Fringe Benefits IN to PC's & Depts.	34,097	126,599	136,870	143,880	149,173	37,293	37,293	37,293	37,293	135,628	138,570	141,419	144,155
Total Payroll Costs		77,812	280,112	329,320	343,714	356,522	89,131	89,131	89,131	89,131	324,149	331,181	337,990	344,528
Other Expenses														
01-5014-03-00-00	Engineering - Misc.	3,186		3,064										
01-5015-03-00-00	Management Support Services	16,004		513	7,500	9,600	2,400	2,400	2,400	2,400	9,792	9,988	10,188	10,391
01-5017-03-00-00	Legal Fees		830											
01-5022-03-00-00	Miscellaneous Expense	7,437		1,586	3,060	3,121	780	780	780	780	3,184	3,247	3,312	3,378
01-5023-03-00-00	Office Supplies - All	37		248	200	204	51	51	51	51	208	212	216	221
01-5031-03-00-00	Safety Supplies					300	75	75	75	75	306	312	318	325
01-5033-03-00-00	Recruitment	29,815	265											
01-5034-03-00-00	Travel Expense/Tech. Conferences	974	1,893	7,817	6,659	12,625	3,156	3,156	3,156	3,156	12,878	13,135	13,398	13,666
01-5035-03-00-00	Training Expense	594	2,131	3,708	4,000	4,400	1,100	1,100	1,100	1,100	4,488	4,578	4,669	4,763
01-5037-03-00-00	Office Equipment				5,000	400	100	100	100	100	408	416	424	433
01-5039-03-00-00	Membership Dues/Fees	862	779	930	2,025	1,350	338	338	338	338	1,377	1,405	1,433	1,461
01-5061-03-00-00	Mileage	98	147	220	300	500	125	125	125	125	510	520	531	541
01-5077-03-00-00	IT Direct													
01-5309-03-00-00	Operating Leases	15,348	18,637	8,706	20,637	6,695	1,674	1,674	1,674	1,674	6,829	6,965	7,105	7,247
01-5705-03-00-00	Monthly Car Allowance	1,938	4,281	4,200	4,200	5,250	1,313	1,313	1,313	1,313	4,200	4,200	4,200	4,200
01-5802-03-00-00	Shipping/Freight		79		300	306	77	77	77	77	312	318	325	331
01-6500-03-00-00	IT Allocations in to PC's & Depts.	45,721	34,864	54,654	59,860	55,588	13,897	13,897	13,897	13,897	54,346	56,051	58,259	60,613
Total Other Expenses		122,014	63,906	85,646	113,741	100,339	25,085	25,085	25,085	25,085	98,837	101,348	104,378	107,570
Total Residual Engineering Expenses		199,826	344,018	414,966	457,455	456,862	114,215	114,215	114,215	114,215	422,986	432,529	442,368	452,099

South Orange County Wastewater Authority
5-Year Capitalized Portion of Engineering Labor and Fringe to Large Capital

Capitalized Portion of Labor & Fringe
Percentage Change

FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Actual	FY 18-19 Budget	FY 2019-20 Budget	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget	FY 2023-24 Budget
330,338	297,202	320,695	374,357	388,534	372,946	404,777	438,998	475,777
	-10.0%	7.9%	16.7%	3.8%	-4.0%	8.5%	8.5%	8.4%

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

		FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	Q1	Q2	Q3	Q4	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
		Actual	Actual	Actual	Budget	Budget	FY 19-20	FY 19-20	FY 19-20	FY 19-20	Budget	Budget	Budget	Budget
01-6000-05-00-00	Regular Salaries-Admin & IT	66,870	44,447	84,015	93,378	98,482	24,621	24,621	24,621	24,621	103,852	109,642	115,754	122,066
01-6001-05-00-00	Overtime Salaries-Admin & IT	1,275	2,122	7,460	3,082									
01-6315-05-00-00	Comp Time - IT			2,749	2,332									
01-5401-05-00-00	Fringe Benefits IN to PC's & Depts.	52,159	38,501	61,803	67,232	70,851	17,713	17,713	17,713	17,713	74,714	78,880	83,277	87,818
	Total Salary & Fringe	120,304	85,071	156,028	166,024	169,333	42,333	42,333	42,333	42,333	178,566	188,521	199,032	209,884
Other Expenses														
01-5023-05-00-00	Office Supplies - All	91												
01-5028-05-00-00	Small Tools & Supplies	458			1,000	1,000	250	250	250	250	1,020	1,040	1,061	1,082
01-5031-05-00-00	Safety Supplies		195											
01-5035-05-00-00	Training Expense	99		11,100	12,000									
01-5037-05-00-00	Office Equipment	3,626			400	600	150	150	150	150	612	624	637	649
01-5061-05-00-00	Mileage	83												
01-6101-05-00-00	Recruitment & Employee Relations, IT DEPT		684											
01-6102-05-00-00	Subscriptions	168	465		-	700	175	175	175	175	714	728	743	758
01-6200-05-00-00	Management Support Services	5,021	55,348	4,350	64,500									
01-6234-05-00-00	Memberships & Trainings	13,701	85	336	2,750	1,000	250	250	250	250	1,020	1,040	1,061	1,082
01-6239-05-00-00	Travel & Conference	1,586		2,608	4,210	3,500	875	875	875	875	3,570	3,641	3,714	3,789
01-6300-05-00-00	Software Maintenance Agreements	74,078	50,374	128,792	98,893	51,967	12,992	12,992	12,992	12,992	53,007	54,067	55,148	56,251
01-6301-05-00-00	Hardware Maintenance Agreements	150,043	13,230	5,529	11,657	7,126	1,782	1,782	1,782	1,782	7,269	7,414	7,562	7,713
01-6302-05-00-00	Cloud Subscriptions (Internet)	21,049		45,251	45,800	75,124	18,781	18,781	18,781	18,781	76,626	78,159	79,722	81,317
01-6303-05-00-00	Telecommunications	116,136	123,153	124,353	129,940	127,036	31,759	31,759	31,759	31,759	129,577	132,168	134,812	137,508
01-6305-05-00-00	IT Professional Services	158,246	193,545	121,847	157,000	236,919	59,230	59,230	59,230	59,230	241,657	246,491	251,420	256,449
01-6306-05-00-00	Small Hardware Purchases (< \$5k)	4,692	75,827	59,166	46,800	20,900	5,225	5,225	5,225	5,225	21,318	21,744	22,179	22,623
01-6307-05-00-00	Small Software Purchases & Licenses(<\$5k)	13,469	33,674	48,838	43,735	24,908	6,227	6,227	6,227	6,227	25,406	25,914	26,433	26,961
01-6308-05-00-00	IT Memberships		521	1,138	160	160	40	40	40	40	163	166	170	173
01-6309-05-00-00	Operating Leases	42,880	44,903	56,935	55,200	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	279	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	4,023	2,275		-	-	-	-				
01-6601-05-00-00	Shipping/Freight				276		-	-	-	-				
	Total Other Expenses	605,426	595,576	614,544	681,596	611,140	152,785	152,785	152,785	152,785	623,363	635,830	648,547	661,518
Total IT Expenses		725,730	680,646	770,572	847,620	780,473	195,118	195,118	195,118	195,118	801,929	824,352	847,578	871,402
IT Allocations (Out) to PC's & Depts														
	Total IT Allocations (Out) to PC's & Depts	(725,730)	(680,646)	(770,572)	(847,620)	(780,473)	(195,118)	(195,118)	(195,118)	(195,118)	(801,929)	(824,352)	(847,578)	(871,402)

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

PC 2 Member Agency Allocation

Flows & Solids Loading FY 2019-20

FLOW SUMMARY (MGD)

Member Agency	Total Avg. Flow To Date	Total Percent To Date	
CSJC	2.166	36.57%	
MNWD	1.400	23.64%	(1)
SCWD	1.639	27.67%	
SMWD	0.718	12.12%	(1)
	5.923	100%	

PC 2 FY 2017-18 SOLIDS LOADING SUMMARY (Pounds)

Member Agency	Total 3Y FY Avg. Loadings To Date	Total Percent To Date	
CSJC	5,815.437	23.90%	
MNWD	5,123.934	21.06%	(1)
SCWD	4,399.253	18.08%	
SMWD	8,991.562	36.96%	(1)
	24,330.186	100%	

(1) Allocation percentage based on agreement between SMWD and MNWD.

South Orange County Wastewater Authority
FY 2019-20 PC 2 Line Item Detail and Wastewater Code Allocation %'s

Description	Account #	Total	Wastewater Allocation %				
			Liquids	Solids	C/Liquids	C/Solids	Total
Regular Salaries-O&M	02-5000-01-00-00	1,375,422	53.6%	43.5%	1.5%	1.5%	100.0%
Regular Salaries-O&M	02-5000-02-00-00	165,518	68.5%	11.6%	10.0%	10.0%	100.0%
Overtime Salaries-O&M	02-5001-01-00-00	33,644	37.8%	44.3%	9.0%	9.0%	100.0%
Overtime Salaries-O&M	02-5001-02-00-00	1,500	96.6%		1.7%	1.7%	100.0%
Electricity	02-5002-01-00-00	399,683	65.0%	25.0%	5.0%	5.0%	100.0%
Natural Gas	02-5003-01-00-00	168,000	65.0%	25.0%	5.0%	5.0%	100.0%
Water	02-5004-01-00-00	24,000	40.0%	50.0%	5.0%	5.0%	100.0%
Chlorine/Sodium Hypochlorite	02-5006-01-00-00	5,000	100.0%				100.0%
Polymer Products	02-5007-01-00-00	322,000		100.0%			100.0%
Ferric Chloride	02-5008-01-00-00	103,735		100.0%			100.0%
Odor Control Chemicals	02-5009-01-00-00	28,984	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	10,920	75.0%	25.0%			100.0%
Grit Hauling - 21A	02-5012-01-00-00	51,254	100.0%				100.0%
Landscaping	02-5013-01-00-00	41,784			50.0%	50.0%	100.0%
Engineering - Misc.	02-5014-01-00-00				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				50.0%	50.0%	100.0%
Management Support Services	02-5015-02-00-00	33,000			50.0%	50.0%	100.0%
Legal Fees	02-5017-01-03-00	3,328			50.0%	50.0%	100.0%
Contract Services Misc. - 29	02-5019-01-00-00	60,240			50.0%	50.0%	100.0%
Small Vehicle Expense - 31A	02-5021-01-00-00	10,000			50.0%	50.0%	100.0%
Small Vehicle Expense - 31A	02-5021-02-00-00				50.0%	50.0%	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	28,000			50.0%	50.0%	100.0%
Petroleum Products	02-5024-01-00-00	14,120	80.0%	20.0%			100.0%
Uniforms	02-5025-01-00-00	20,000	53.6%	43.5%	1.5%	1.5%	100.0%
Small Vehicle Fuel - 37A	02-5026-01-00-00	15,000			50.0%	50.0%	100.0%
Insurance - Property/Liability	02-5027-01-00-00	68,556			50.0%	50.0%	100.0%
Insurance - Property/Liability	02-5027-02-00-00				50.0%	50.0%	100.0%
Small Tools & Supplies	02-5028-01-00-00	35,500			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	39,650			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	1,000			50.0%	50.0%	100.0%
Recruitment	02-5033-02-00-00				50.0%	50.0%	100.0%
Travel Expense/Tech. Conferences	02-5034-01-00-00	12,264			50.0%	50.0%	100.0%
Travel Expense/Tech. Conferences	02-5034-02-00-00	3,700			50.0%	50.0%	100.0%
Training Expense	02-5035-01-00-00	7,168			50.0%	50.0%	100.0%
Training Expense	02-5035-02-00-00	6,000			50.0%	50.0%	100.0%
Laboratory Supplies	02-5036-02-00-00	14,520	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	22,500			50.0%	50.0%	100.0%
Membership Dues/Fees	02-5039-01-00-00	3,128			50.0%	50.0%	100.0%
Membership Dues/Fees	02-5039-02-00-00	1,072			50.0%	50.0%	100.0%
Biosolids Disposal - 21B	02-5049-01-00-00	450,000		100.0%			100.0%
Contract Services Generators - 29A	02-5050-01-00-00	10,000			50.0%	50.0%	100.0%
Janitorial Services	02-5052-01-00-00	41,000			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	21,000		100.0%			100.0%
Diesel Truck Fuel - 37B	02-5055-01-00-00	6,000		100.0%			100.0%
Maintenance Equip. & Facilities (Solids) 41-A	02-5056-01-00-00	155,000		100.0%			100.0%
Maintenance Equip. & Facilities (Liquids) 41-B	02-5057-01-00-00	254,000	100.0%				100.0%
Maintenance Equip. & Facilities (Common) 41-C	02-5058-01-00-00	28,000			50.0%	50.0%	100.0%
Maintenance Equip. & Facilities (Co-Gen) 41-D	02-5059-01-00-00	370,000		100.0%	0.0%	0.0%	100.0%
Mileage	02-5061-01-00-00	1,000			50.0%	50.0%	100.0%
Mileage	02-5061-02-00-00	500			50.0%	50.0%	100.0%
SCADA Infrastructure	02-5076-01-03-00	7,000			50.0%	50.0%	100.0%
IT Direct	02-5077-01-03-00	8,040			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		53.6%	43.5%	1.5%	1.5%	100.0%
Performance Based Merit Pay	02-5302-01-00-00		53.6%	43.5%	1.5%	1.5%	100.0%
Group Insurance Waiver	02-5303-01-01-00	3,600	53.6%	43.5%	1.5%	1.5%	100.0%
Group Insurance Waiver	02-5303-02-00-00		68.5%	11.6%	10.0%	10.0%	100.0%
Medicare Tax Payments for Employees	02-5305-01-00-00	1,119	53.6%	43.5%	1.5%	1.5%	100.0%
Medicare Tax Payments for Employees	02-5305-02-00-00		68.5%	11.6%	10.0%	10.0%	100.0%
Scheduled Holiday Work	02-5306-01-01-00	13,318	53.6%	43.5%	1.5%	1.5%	100.0%
Scheduled Holiday Work	02-5306-02-00-00		68.5%	11.6%	10.0%	10.0%	100.0%
Weekend Shift Pay	02-5307-01-00-00		53.6%	43.5%	1.5%	1.5%	100.0%
Weekend Shift Pay	02-5307-02-00-00		68.5%	11.6%	10.0%	10.0%	100.0%
Comp Time - O&M	02-5315-01-00-00	3,500	37.8%	44.3%	9.0%	9.0%	100.0%
Comp Time - O&M	02-5315-02-00-00		96.6%	0.0%	1.7%	1.7%	100.0%
Operating Leases	02-5309-01-00-00	21,800			50.0%	50.0%	100.0%
Fringe Benefits IN to PC's & Depts.	02-5401-01-00-00	988,221	53.6%	43.5%	1.5%	1.5%	100.0%
Fringe Benefits IN to PC's & Depts.	02-5401-02-00-00	119,078	68.5%	11.6%	10.0%	10.0%	100.0%
Standby Pay	02-5700-01-00-00	13,520			50.0%	50.0%	100.0%
Monthly Car Allowance	02-5705-01-00-00	8,400	53.6%	43.5%	1.5%	1.5%	100.0%
Monthly Car Allowance	02-5705-02-00-00	4,200	68.5%	11.6%	10.0%	10.0%	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	174,635			50.0%	50.0%	100.0%
IT Allocations in to PC's & Depts.	02-6500-02-00-00	21,043			50.0%	50.0%	100.0%
Rounding		0					
Total		5,941,164					

South Orange County Wastewater Authority
FY 2019-20 PC 02 Distribution by Member Agency and Wastewater Code

**Member Agency Budget by
Wastewater Code**

City of San Juan Capistrano
Moulton Niguel Water District
Santa Margarita Water District
South Coast Water District
Total
Budget Change vs. 2017-18 Actual

Liquids			Solids			Common - Liquids			Common - Solids			Total		
FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance
827,643	818,844	(8,799)	591,352	659,992	68,640	171,434	144,768	(26,666)	167,100	141,192	(25,908)	1,757,530	1,764,796	7,266
534,957	529,208	(5,749)	521,044	581,512	60,468	128,581	108,612	(19,969)	120,420	101,736	(18,684)	1,305,001	1,321,068	16,067
274,599	271,348	(3,251)	914,324	1,020,436	106,112	96,501	81,456	(15,045)	158,076	133,536	(24,540)	1,443,499	1,506,776	63,277
626,099	619,428	(6,671)	447,344	499,260	51,916	160,689	135,712	(24,977)	111,408	94,124	(17,284)	1,345,541	1,348,524	2,983
2,263,298	2,238,828	(24,470)	2,474,064	2,761,200	287,136	557,205	470,548	(86,657)	557,004	470,588	(86,416)	5,851,571	5,941,164	89,593
		-1.1%			11.6%			-15.6%			-15.5%			1.5%

**Member Agency Wastewater Code
Allocation %'s**

City of San Juan Capistrano
Moulton Niguel Water District
Santa Margarita Water District
South Coast Water District
Total

Liquids			Solids			Common - Liquids			Common - Solids			Total		
FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance
36.6%	36.57%	0.0%	23.9%	23.90%	0.0%	30.8%	30.8%	0.0%	30.0%	30.0%	0.0%	30.0%	29.7%	-0.3%
23.6%	23.64%	0.0%	21.1%	21.06%	0.0%	23.1%	23.1%	0.0%	21.6%	21.6%	0.0%	22.3%	22.2%	-0.1%
12.1%	12.12%	0.0%	37.0%	36.96%	0.0%	17.3%	17.3%	0.0%	28.4%	28.4%	0.0%	24.7%	25.4%	0.7%
27.7%	27.67%	0.0%	18.1%	18.08%	0.0%	28.8%	28.8%	0.0%	20.0%	20.0%	0.0%	23.0%	22.7%	-0.3%
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 2019-20

**Operations Cost Distribution Analysis recommended by
Carollo Engineers and Approved by Board**

All Variable Costs were moved to Fixed Costs

**Member Agency Wastewater
Code Allocation %'s**

City of San Clemente
City of San Juan Capistrano
Moulton Niguel Water District
Santa Margarita Water District
South Coast Water District
Total

Fixed		
FY 17-18 Actual	FY 19-20 Budget	Variance
16.6%	16.6%	0.0%
11.1%	11.1%	0.0%
15.5%	15.5%	0.0%
44.3%	44.3%	0.0%
12.5%	12.5%	0.0%
100.0%	100.0%	0.0%

Note: In previous years, the prior year Use Audit Actual Flows were used to distribute Variable Costs.

FY 2017-18 Flows

Member Agency	Outfall Flows MGD	Outfall Flows %
CSC	2.531	21.9%
CSJC	2.59	22.4%
MNWD	2.549	22.0%
SCWD	2.27	19.6%
SMWD	1.621	14.0%
Total	11.561	100%

South Orange County Wastewater Authority
FY 2019-20 PC 5 Line Item Detail and Wastewater Code Allocation %'s

Description	Account #	Total	Wastewater Allocation %				
			Fixed	EPS	Var 5%	Var 95%	Total
Regular Salaries-O&M	05-5000-01-11-00	617	100.0%				100.0%
Regular Salaries-O&M	05-5000-02-00-00	101,624	100.0%				100.0%
Overtime Salaries-O&M	05-5001-01-11-00		100.0%				100.0%
Overtime Salaries-O&M	05-5001-02-00-00	900	100.0%				100.0%
Electricity	05-5002-01-00-00		100.0%				100.0%
Electricity	05-5002-02-00-00		100.0%				100.0%
Natural Gas	05-5003-01-00-00	500	100.0%				100.0%
Natural Gas	05-5003-02-00-00		100.0%				100.0%
Engineering - Misc.	05-5014-01-00-00		100.0%				100.0%
Engineering - Misc.	05-5014-02-00-00		100.0%				100.0%
Management Support Services	05-5015-02-00-00	15,000	100.0%				100.0%
Legal Fees	05-5017-01-00-00	1,000	100.0%				100.0%
Legal Fees	05-5017-02-00-00	2,008	100.0%				100.0%
Miscellaneous Expense	05-5022-02-00-00		100.0%				100.0%
Small Vehicle Fuel	05-5026-01-00-00		100.0%				100.0%
Small Vehicle Fuel	05-5026-02-00-00		100.0%				100.0%
Insurance/Property & Liability	05-5027-01-00-00	6,246	100.0%				100.0%
Insurance - Property/Liability	05-5027-02-00-00		100.0%				100.0%
Safety Supplies	05-5031-02-00-00	1,000	100.0%				100.0%
Travel Expense/Tech. Conferences	05-5034-02-00-00	3,712	100.0%				100.0%
Training	05-5035-02-00-00	5,984	100.0%				100.0%
Laboratory Supplies	05-5036-02-00-00	19,464	100.0%				100.0%
Permits	05-5038-02-00-00	196,000	100.0%				100.0%
Memberships Dues/Fees	05-5039-02-00-00	5,500	100.0%				100.0%
Natural Gas - 11-EPS - PC 5	05-5040-02-00-00		100.0%				100.0%
Electricity - 10-EPS - PC 5	05-5041-02-00-00		100.0%				100.0%
Contract Services - 29-EPS - PC 5	05-5042-02-00-00		100.0%				100.0%
Offshore Monitoring - 20A	05-5044-02-00-00	18,000	100.0%				100.0%
Offshore Biochemistry - 20B	05-5045-02-00-00		100.0%				100.0%
Effluent Chemistry - 20C	05-5046-02-00-00	14,000	100.0%				100.0%
Maintenance Equip & Facilities (Solids) 41-A	05-5056-01-02-00		100.0%				100.0%
Maintenance Equip & Facilities (Common)	05-5058-01-00-00	1,000	100.0%				100.0%
Port Cleaning	05-5067-02-00-00		100.0%				100.0%
Misc-Capital-Dilution & Metering Study	05-5069-02-00-00	30,000	100.0%				100.0%
Employee Recognition	05-5101-02-00-00		100.0%				100.0%
Vehicle Pay	05-5301-02-00-00		100.0%				100.0%
Medicare Tax Payments to Employees	05-5305-02-00-00		100.0%				100.0%
Scheduled Holiday Work	05-5306-01-00-00		100.0%				100.0%
Scheduled Holiday Work	05-5306-02-00-00		100.0%				100.0%
Weekend Shift Pay	05-5307-02-11-00		100.0%				100.0%
Fringe Benefits IN to PC's & Depts.	05-5401-01-11-00	444	100.0%				100.0%
Fringe Benefits IN to PC's & Depts.	05-5401-02-00-00	73,016	100.0%				100.0%
Monthly Car Allowance	05-5705-02-00-00		100.0%				100.0%
Sales Tax	05-5801-02-00-00		100.0%				100.0%
Shipping / Freight	05-5802-01-00-00		100.0%				100.0%
IT Allocations in to PC's & Depts.	05-6500-01-00-00	78	100.0%				100.0%
IT Allocations in to PC's & Depts.	05-6500-02-00-00	12,903	100.0%				100.0%
Rounding							
Total		508,996					

South Orange County Wastewater Authority
FY 2019-20 PC 05 Distribution by Member Agency and Wastewater Code

Member Agency Budget by Wastewater Code

	Fixed			Var 5%			VAR 95%			Total		
	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance
City of San Clemente	30,112	84,604	54,492	1,982	-	(1,982)	49,124	-	(49,124)	81,218	84,604	3,386
City of San Juan Capistrano	20,076	56,404	36,328	1,335	-	(1,335)	50,268	-	(50,268)	71,679	56,404	(15,275)
Moulton Niguel Water District	28,096	78,944	50,848	1,854	-	(1,854)	49,484	-	(49,484)	79,434	78,944	(490)
Santa Margarita Water District	80,292	225,576	145,284	5,270	-	(5,270)	31,480	-	(31,480)	117,042	225,576	108,534
South Coast Water District	22,592	63,468	40,876	1,498	-	(1,498)	44,068	-	(44,068)	68,158	63,468	(4,690)
Total	181,168	508,996	327,828	11,940	-	(11,940)	224,424	-	(224,424)	417,532	508,996	91,464

Member Agency Wastewater Code Allocation %'s

	Fixed			Var 5%			VAR 95%			Total		
	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance
City of San Clemente	16.6%	16.6%	0.0%	16.6%	-	-16.6%	21.9%	-	-21.9%	19.5%	16.6%	-2.8%
City of San Juan Capistrano	11.1%	11.1%	0.0%	11.2%	-	-11.2%	22.4%	-	-22.4%	17.2%	11.1%	-6.1%
Moulton Niguel Water District	15.5%	15.5%	0.0%	15.5%	-	-15.5%	22.0%	-	-22.0%	19.0%	15.5%	-3.5%
Santa Margarita Water District	44.3%	44.3%	0.0%	44.1%	-	-44.1%	14.0%	-	-14.0%	28.0%	44.3%	16.3%
South Coast Water District	12.5%	12.5%	0.0%	12.5%	-	-12.5%	19.6%	-	-19.6%	16.3%	12.5%	-3.9%
Total	100.0%	100.0%	0.0%	100.0%	-	-100%	100.0%	-	-100.0%	100.0%	100.0%	0.0%

South Orange County Wastewater Authority
FY 2019-20 PC 8 Line Item Detail and Wastewater Code Allocation %'s

Description	Account #	Total	Wastewater Allocation %	
			Timecard	Insurance
Regular Salaries-O&M	08-5000-02-00-00	92,451	100.00%	
Overtime Salaries-O&M	08-5001-02-00-00		100.00%	
Laboratory Services	08-5011-02-00-00	3,000	100.00%	
Management Support Services	08-5015-02-00-00	2,008	100.00%	
Audit - Environmental	08-5016-02-00-00	600	100.00%	
Legal Fees	08-5017-02-00-00	2,500	100.00%	
Public Notices/ Public Relations	08-5018-02-00-00	5,000	100.00%	
Small Vehicle Expense - 31A	08-5021-02-00-00	1,056	100.00%	
Miscellaneous Expense	08-5022-02-00-00	2,008	100.00%	
Small Vehicle Fuel - 37A	08-5026-02-00-00	1,496	100.00%	
Insurance - Property/Liability	08-5027-02-00-00	2,160		100.00%
Small Tools & Supplies	08-5028-02-00-00	3,880	100.00%	
Safety Program & Supplies	08-5031-02-00-00		100.00%	
Travel Expense/Tech. Conferences	08-5034-02-00-00	4,344	100.00%	
Training Expense	08-5035-02-00-00	1,564	100.00%	
Permits and Fines	08-5038-02-00-00	10,012	100.00%	
Memberships	08-5039-02-00-00	1,016	100.00%	
Comp Time	08-5315-02-00-00		100.00%	
Fringe Benefits IN to PC's & Depts.	08-5401-02-00-00	66,437	100.00%	
IT Allocation	08-6500-02-08-00	11,740	100.00%	
Rounding				
Total		211,272		

South Orange County Wastewater Authority
FY 2019-20 PC 08 Distribution by Member Agency and Wastewater Code

	Insurance			Time Card			Total		
	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance
Member Agency Budget by Wastewater Code									
City of Laguna Beach	212	240	28	6,365	8,044	1,679	6,577	8,284	1,707
City of San Clemente	212	240	28	14,030	17,964	3,934	14,242	18,204	3,962
City of San Juan Capistrano	212	240	28	10,295	20,980	10,685	10,507	21,220	10,713
El Toro Water District	212	240	28	2,054	2,608	554	2,266	2,848	582
Emerald Bay Service District	212	240	28	2,146	2,632	486	2,358	2,872	514
Irvine Ranch Water District	212	240	28	19,946	25,380	5,434	20,158	25,620	5,462
Moulton Niguel Water District	212	240	28	30,814	46,444	15,630	31,026	46,684	15,658
Santa Margarita Water District	212	240	28	35,537	52,332	16,795	35,749	52,572	16,823
South Coast Water District	212	240	28	25,759	32,728	6,969	25,971	32,968	6,997
Total	1,908	2,160	252	146,947	209,112	62,165	148,855	211,272	62,417

	Insurance			Time Card			Total		
	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance
Member Agency Wastewater Code Allocation %'s									
City of Laguna Beach	11.1%	11.1%	0.0%	4.3%	3.8%	-0.5%	4.4%	3.9%	-0.5%
City of San Clemente	11.1%	11.1%	0.0%	9.5%	8.6%	-1.0%	9.6%	8.6%	-1.0%
City of San Juan Capistrano	11.1%	11.1%	0.0%	7.0%	10.0%	3.0%	7.1%	10.0%	3.0%
El Toro Water District	11.1%	11.1%	0.0%	1.4%	1.2%	-0.2%	1.5%	1.3%	-0.2%
Emerald Bay Service District	11.1%	11.1%	0.0%	1.5%	1.3%	-0.2%	1.6%	1.4%	-0.2%
Irvine Ranch Water District	11.1%	11.1%	0.0%	13.6%	12.1%	-1.4%	13.5%	12.1%	-1.4%
Moulton Niguel Water District	11.1%	11.1%	0.0%	21.0%	22.2%	1.2%	20.8%	22.1%	1.3%
Santa Margarita Water District	11.1%	11.1%	0.0%	24.2%	25.0%	0.8%	24.0%	24.9%	0.9%
South Coast Water District	11.1%	11.1%	0.0%	17.5%	15.7%	-1.9%	17.4%	15.6%	-1.8%
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 2019-20
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Member Agency	Region 9 Recyled Use FY 2017/18 acft	% RW Use FY 2017/18 %	% RW Use FY 2019/20 %
CSJC	760	4.35%	4.68%
ETWD	-	-	-
IRWD	1233	7.06%	-
MNWD	7055	40.36%	43.43%
SCWD	781	4.47%	4.81%
SMWD	7140	40.85%	43.95%
TCWD	509	2.91%	3.13%
Total	17480	100%	100%

(1)
(2)

*Allocation based on FY 2017-18 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
FY 2019-20 PC 12 Line Item Detail and Wastewater Code Allocation %'s

Description	Account #	Total	Wastewater Allocation %	
			Region 9 (Var)	Equally (Fixed)
Regular Salaries-O&M	12-5000-01-00-00		50.0%	50.0%
Regular Salaries-O&M	12-5000-02-00-00	35,114	50.0%	50.0%
Overtime Salaries-O&M	12-5001-02-00-00		50.0%	50.0%
Management Support Services	12-5015-02-00-00	270,000	50.0%	50.0%
Legal Fees	12-5017-02-00-00	2,004	50.0%	50.0%
Insurance	12-5027-02-00-00	2,369	50.0%	50.0%
Travel Expense/Tech. Conferences	12-5034-02-00-00	2,280	50.0%	50.0%
Permits	12-5038-02-00-00	20,010	50.0%	50.0%
Medicare Tax Payments for Employees	12-5305-02-00-00		50.0%	50.0%
Scheduled Holiday Work	12-5306-02-00-00		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	25,249	50.0%	50.0%
Monthly Car Allowance	12-5705-02-00-00		50.0%	50.0%
IT Allocations in to PC's & Depts.	12-6500-02-00-00	4462	50.0%	50.0%
Rounding				
Total		361,488		

South Orange County Wastewater Authority
FY 2019-20 PC 12 (2SO) Distribution by Member Agency and Wastewater Code

Member Agency Budget by Wastewater Code

Region 9			Equally			Total		
FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance
1,728	8,460	6,733	6,624	36,148	29,524	8,352	44,608	36,257
2,808	-	(2,808)	6,624	-	(6,624)	9,432	-	(9,432)
16,050	78,504	62,454	6,624	36,148	29,524	22,674	114,652	91,978
16,246	79,436	63,190	6,624	36,148	29,524	22,870	115,584	92,714
1,784	8,692	6,908	6,624	36,148	29,524	8,408	44,840	36,432
1,163	5,656	4,493	6,624	36,148	29,524	7,787	41,804	34,017
39,778	180,748	140,970	39,744	180,740	140,996	79,521	361,488	281,967

Member Agency Wastewater Code Allocation %'s

Region 9			Equally			Total		
FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance
4.3%	4.7%	0.3%	16.7%	20.0%	3.3%	10.5%	12.3%	1.8%
7.1%	0.0%	-7.1%	16.7%	0.0%	-16.7%	11.9%	0.0%	-11.9%
40.3%	43.4%	3.1%	16.7%	20.0%	3.3%	28.5%	31.7%	3.2%
40.8%	43.9%	3.1%	16.7%	20.0%	3.3%	28.8%	32.0%	3.2%
4.5%	4.8%	0.3%	16.7%	20.0%	3.3%	10.6%	12.4%	1.8%
2.9%	3.1%	0.2%	16.7%	20.0%	3.3%	9.8%	11.6%	1.8%
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 2019-20

Member Agency	Plant Flows MGD	Plant Flow %
CLB	1.596	57.73%
EBS	0.049	1.78%
SCWD	1.120	40.49%
MNWD	-	-
Total	2.765	100%

*Allocation based on FY 2017-18 use audit actuals

South Orange County Wastewater Authority
FY 2019-20 PC 15 Line Item Detail and Wastewater Code Allocation %'s

Description	Account #	Total	Wastewater Allocation %					
			Liquids	Solids	C/Liquids	C/Solids	AWT	Total
Regular Salaries-O&M	15-5000-01-00-00	815,454	71.0%	0.0%	9.7%	0.0%	19.3%	100.0%
Regular Salaries-O&M	15-5000-02-00-00	140,063	66.4%	0.0%	22.6%	0.0%	11.0%	100.0%
Overtime Salaries-O&M	15-5001-01-00-00	17,928	82.5%	0.0%	3.4%	0.0%	14.1%	100.0%
Overtime Salaries-O&M	15-5001-02-00-00	1,000	83.1%	0.0%		0.0%	16.9%	100.0%
Electricity	15-5002-01-00-00	270,960	100.0%					100.0%
Natural Gas	15-5003-01-00-00	3,000	50.0%		50.0%			100.0%
Water	15-5004-01-00-00	31,000	90.0%		10.0%	0.0%		100.0%
Chlorine/Sodium Hypochlorite	15-5006-01-00-00	99,000	1.0%				99.0%	100.0%
Polymer Products	15-5007-01-00-00	1,000	43.0%				57.0%	100.0%
Ferric Chloride	15-5008-01-00-00	28,372	100.0%					100.0%
Odor Control Chemicals	15-5009-01-00-00	56,218	100.0%					100.0%
Other Chemicals - Misc	15-5010-01-00-00		100.0%					100.0%
Laboratory Services	15-5011-02-00-00	14,000	50.0%				50.0%	100.0%
Grit Hauling - 21A	15-5012-01-00-00	30,000	100.0%					100.0%
Landscaping	15-5013-01-00-00	50,546			100.0%	0.0%		100.0%
Engineering - Misc.	15-5014-01-00-00	1,000			100.0%	0.0%		100.0%
Engineering - Misc.	15-5014-02-00-00				100.0%	0.0%		100.0%
Management Support Services	15-5015-01-00-00				100.0%	0.0%		100.0%
Management Support Services	15-5015-02-00-00	4,500			100.0%	0.0%		100.0%
Legal Fees	15-5017-01-00-00	15,000			100.0%	0.0%		100.0%
Contract Services Misc. - 29	15-5019-01-00-00	59,037			100.0%	0.0%		100.0%
Small Vehicle Expense - 31A	15-5021-01-00-00	6,000			100.0%	0.0%		100.0%
Small Vehicle Expense - 31A	15-5021-02-00-00				100.0%	0.0%		100.0%
Miscellaneous Expense	15-5022-01-00-00	3,000			100.0%	0.0%		100.0%
Office Supplies - All	15-5023-01-00-00	4,000			100.0%	0.0%		100.0%
Petroleum Products	15-5024-01-00-00	1,661	100.0%					100.0%
Uniforms	15-5025-01-00-00	9,000	71.0%	0.0%	9.7%	0.0%	19.3%	100.0%
Small Vehicle Fuel - 37A	15-5026-01-00-00	5,000			100.0%			100.0%
Insurance - Property/Liability	15-5027-01-00-00	35,373			100.0%	0.0%		100.0%
Insurance - Property/Liability	15-5027-02-00-00				100.0%	0.0%		100.0%
Small Tools & Supplies	15-5028-01-00-00	9,524			100.0%	0.0%		100.0%
Trash Disposal	15-5030-01-00-00	3,000			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	36,050			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	12,260			100.0%	0.0%		100.0%
Travel Expense/Tech. Conferences	15-5034-02-00-00	3,704			100.0%	0.0%		100.0%
Training Expense	15-5035-01-00-00	7,168			100.0%	0.0%		100.0%
Training Expense	15-5035-02-00-00	6,100			100.0%	0.0%		100.0%
Laboratory Supplies	15-5036-02-00-00	16,500	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	23,236			100.0%	0.0%		100.0%
Membership Dues/Fees	15-5039-01-00-00	1,340			100.0%	0.0%		100.0%
Membership Dues/Fees	15-5039-02-00-00	1,028			100.0%	0.0%		100.0%
Access Road Expenses	15-5047-01-00-00	49,000			100.0%	0.0%		100.0%
Storm Damage	15-5048-01-00-00	20,000			100.0%	0.0%		100.0%
Biosolids Disposal - 21B	15-5049-01-00-00		100.0%					100.0%
Contract Services Generators - 29A	15-5050-01-00-00	4,000			100.0%	0.0%		100.0%
Janitorial Services	15-5052-01-00-00	20,000			100.0%	0.0%		100.0%
Diesel Truck Maint - 31B	15-5054-01-00-00	1,000	100.0%					100.0%
Diesel Truck Maint Fuel	15-5055-01-00-00	1,000	100.0%					100.0%
Maintenance Equip. & Facilities (Liquids) 4	15-5057-01-00-00	179,000	100.0%					100.0%
Maintenance Equip. & Facilities (Common)	15-5058-01-00-00	22,000			100.0%	0.0%		100.0%
Maintenance Equip. & Facilities (AWT) 41-	15-5060-01-00-00	37,000					100.0%	100.0%
Mileage	15-5061-01-00-00				100.0%			100.0%
SCADA Infrastructure	15-5076-01-00-00	7,000			100.0%	0.0%		100.0%
IT Direct	15-5077-01-00-00				100.0%	0.0%		100.0%
Comp Time	15-5315-01-00-00	4,283	71.0%	0.0%	9.7%	0.0%	19.3%	100.0%
Performance Based Merit Pay	15-5302-01-00-00		71.0%	0.0%	9.7%	0.0%	19.3%	100.0%
Group Insurance Waiver	15-5303-01-00-00	3,600	71.0%	0.0%	9.7%	0.0%	19.3%	100.0%
Medicare Tax Payments for Employees	15-5305-01-00-00	1,674	71.0%	0.0%	9.7%	0.0%	19.3%	100.0%
Scheduled Holiday Work	15-5306-01-00-00	2,596	71.0%	0.0%	9.7%	0.0%	19.3%	100.0%
Scheduled Holiday Work	15-5306-02-00-00		66.4%	0.0%	22.6%	0.0%	11.0%	100.0%
Weekend Shift Pay	15-5307-01-00-00		71.0%	0.0%	9.7%	0.0%	19.3%	100.0%
Weekend Shift Pay	15-5307-02-00-00		66.4%	0.0%	22.6%	0.0%	11.0%	100.0%
Fringe Benefits IN to PC's & Depts.	15-5401-01-00-00	585,871	71.0%	0.0%	9.7%	0.0%	19.3%	100.0%
Fringe Benefits IN to PC's & Depts.	15-5401-02-00-00	100,765	66.4%	0.0%	22.6%	0.0%	11.0%	100.0%
Standby Pay	15-5700-01-00-00	27,040		0.0%	100.0%	0.0%		100.0%
Monthly Car Allowance	15-5705-01-00-00	4,200	71.0%	0.0%	9.7%	0.0%	19.3%	100.0%
Sales Tax	15-5801-01-00-00							0.0%
Group Insurance Waiver	15-5303-02-00-00		66.4%	0.0%	22.6%	0.0%	11.0%	100.0%
Shipping/Freight	15-5802-01-00-00				100.0%			100.0%
Shipping/Freight	15-5802-02-00-00				100.0%			100.0%
IT Allocations in to PC's & Depts.	15-6500-01-00-00	103,533			100.0%	0.0%		100.0%
IT Allocations in to PC's & Depts.	15-6500-02-00-00	17,807			100.0%	0.0%		100.0%
Rounding								
Total		3,017,392						

South Orange County Wastewater Authority
FY 2019-20 PC 15 Distribution by Member Agency and Wastewater Code

Member Agency Budget by Wastewater Code

Liquids			Common Liquids			AWT			Total		
FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance
810,686	1,042,348	231,662	246,187	288,372	42,185	-	-	-	1,056,873	1,330,720	273,847
25,039	32,168	7,129	19,420	22,736	3,316	-	-	-	44,459	54,904	10,445
-	-	-	190,024	222,496	32,472	-	-	-	190,024	222,496	32,472
568,834	731,184	162,350	193,836	227,060	33,224	292,716	451,028	158,312	1,055,386	1,409,272	353,886
1,404,558	1,805,700	401,142	649,467	760,664	111,197	292,716	451,028	158,312	2,346,742	3,017,392	670,650
Budget Change vs. 2015-16 Actual		28.6%			17.1%			54.1%			28.6%

Member Agency Wastewater Code
Allocation %'s

Liquids			Common Liquids			AWT			Total		
FY 17-18 Actual	FY 19-20 Budget	% Variance	FY 17-18 Actual	FY 19-20 Budget	% Variance	FY 17-18 Actual	FY 19-20 Budget	% Variance	FY 17-18 Actual	FY 19-20 Budget	% Variance
57.7%	57.7%	0.0%	37.9%	37.9%	0.0%	-	-	-	45.0%	44.1%	-0.9%
1.8%	1.8%	0.0%	3.0%	3.0%	0.0%	-	-	-	1.9%	1.8%	-0.1%
0.0%	0.0%	0.0%	29.3%	29.3%	0.0%	-	-	-	8.1%	7.4%	-0.7%
40.5%	40.5%	0.0%	29.8%	29.9%	0.0%	100.0%	100.0%	0.0%	45.0%	46.7%	1.7%
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 2019-20
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Liquids				
Member Agency	Plant Influent MGD	Centrate Flow MGD	Total Liquid Flow MGD	Liquid Flow %
CLB	-	0.061900	0.061900	0.79%
EBS	-	0.001909	0.001909	0.02%
SCWD	-	0.043415	0.043415	0.55%
ETWD	-	0.020292	0.020292	0.26%
MNWD	7.712164	0.017632	7.729796	98.38%
	7.712164	0.145147	7.857312	100%

Solids		
Member Agency	2017-18 #/Day	2017-18 %
CLB	6,368	16.06%
ETWD	5,909	14.90%
EBS	196	0.50%
MNWD	23,024	58.06%
SCWD	4,157	10.48%
Total	39,655	100%

*Allocation based on FY 2017-18 use audit actuals

South Orange County Wastewater Authority
FY 2019-20 PC 17 Line Item Detail and Wastewater Code Allocation %'s

			Wastewater Allocation %					
Description	Account #	Total	Liquids	Solids	C/Liquids	C/Solids	AWT	Total
Regular Salaries-O&M	17-5000-01-00-00	1,503,007	43.5%	47.2%	1.7%	1.7%	5.9%	100.0%
Regular Salaries-O&M	17-5000-02-00-00	296,467	66.0%	8.4%	5.7%	5.7%	14.2%	100.0%
Overtime Salaries-O&M	17-5001-01-00-00	51,076	39.5%	54.1%	0.7%	0.7%	5.0%	100.0%
Overtime Salaries-O&M	17-5001-02-00-00	3,000	73.5%	2.7%	0.0%	0.0%	23.8%	100.0%
Electricity	17-5002-01-00-00	351,915	51.5%	32.8%	5.4%	5.4%	5.0%	100.0%
Natural Gas	17-5003-01-00-00	95,000		100.0%				100.0%
Water	17-5004-01-00-00	30,000	37.0%	56.5%	6.5%			100.0%
MNWD Potable Water Supplies & Svcs.	17-5004-02-00-00		37.0%	56.5%	6.5%			100.0%
Co-generation Power Credit	17-5005-01-00-00	(325,000)		100.0%				100.0%
Chlorine/Sodium Hypochlorite	17-5006-01-00-00	402,000	4.0%				96.0%	100.0%
Polymer Products	17-5007-01-00-00	482,000	17.5%	82.2%			0.3%	100.0%
Ferric Chloride	17-5008-01-00-00	172,892		100.0%				100.0%
Odor Control Chemicals	17-5009-01-00-00	44,799	65.0%	35.0%				100.0%
Other Chemicals - Misc.	17-5010-01-00-00	2,000			50.0%	50.0%		100.0%
Laboratory Services	17-5011-02-00-00	16,496	50.0%	25.0%			25.0%	100.0%
Grit Hauling - 21A	17-5012-01-00-00	47,000	100.0%					100.0%
Landscaping	17-5013-01-00-00	67,670			50.0%	50.0%		100.0%
Engineering - Misc.	17-5014-01-00-00				50.0%	50.0%		100.0%
Engineering - Misc.	17-5014-02-00-00				50.0%	50.0%		100.0%
Management Support Services	17-5015-01-00-00				50.0%	50.0%		100.0%
Management Support Services	17-5015-02-00-00	13,200			50.0%	50.0%		100.0%
Legal Fees	17-5017-01-00-00	1,500			50.0%	50.0%		100.0%
Contract Services Misc. - 29	17-5019-01-00-00	80,723			50.0%	50.0%		100.0%
Postage	17-5020-01-00-00				50.0%	50.0%		100.0%
Small Vehicle Expense - 31A	17-5021-01-00-00	7,000			50.0%	50.0%		100.0%
Miscellaneous Expense	17-5022-01-00-00	5,000			50.0%	50.0%		100.0%
Office Supplies - All	17-5023-01-00-00	11,000			50.0%	50.0%		100.0%
Petroleum Products	17-5024-01-00-00	33,219	7.4%	92.6%				100.0%
Uniforms	17-5025-01-00-00	25,000	43.5%	47.2%	1.7%	1.7%	5.9%	100.0%
Small Vehicle Fuel - 37A	17-5026-01-00-00	10,000			50.0%	50.0%		100.0%
Insurance - Property/Liability	17-5027-01-00-00	88,132			50.0%	50.0%		100.0%
Insurance - Property/Liability	17-5027-02-00-00				50.0%	50.0%		100.0%
Small Tools & Supplies	17-5028-01-00-00	25,976			50.0%	50.0%		100.0%
Trash Disposal	17-5030-01-00-00	2,000			50.0%	50.0%		100.0%
Safety Supplies	17-5031-01-00-00				50.0%	50.0%		100.0%
Safety Supplies	17-5031-02-00-00	39,650			50.0%	50.0%		100.0%
Equipment Rental	17-5032-01-00-00	3,000			50.0%	50.0%		100.0%
Recruitment	17-5033-01-00-00	1,000	0.0%	0.0%	50.0%	50.0%	0.0%	100.0%
Travel Expense/Tech. Conferences	17-5034-01-00-00	12,256			50.0%	50.0%		100.0%
Travel Expense/Tech. Conferences	17-5034-02-00-00	3,700			50.0%	50.0%		100.0%
Training Expense	17-5035-01-00-00	9,172			50.0%	50.0%		100.0%
Training Expense	17-5035-02-00-00	6,000			50.0%	50.0%		100.0%
Laboratory Supplies	17-5036-01-00-00		50.0%	25.0%			25.0%	100.0%
Laboratory Supplies	17-5036-02-00-00	23,208	50.0%	25.0%			25.0%	100.0%
Office Equipment	17-5037-01-00-00	10,000			50.0%	50.0%		100.0%
Permits	17-5038-01-00-00				50.0%	50.0%		100.0%
Permits	17-5038-02-00-00	41,624			50.0%	50.0%		100.0%
Membership Dues/Fees	17-5039-01-00-00	3,280			50.0%	50.0%		100.0%
Membership Dues/Fees	17-5039-02-00-00	1,032			50.0%	50.0%		100.0%
Biosolids Disposal - 21B	17-5049-01-00-00	905,000		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	41,000			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	19,000		100.0%				100.0%
Diesel Truck Fuel - 37B	17-5055-01-00-00	8,000		100.0%				100.0%
Maintenance Equip. & Facilities (Solids) 41	17-5056-01-00-00	201,000		100.0%				100.0%
Maintenance Equip. & Facilities (Liquids) 4	17-5057-01-00-00	230,000	100.0%					100.0%
Maintenance Equip. & Facilities (Common) 17	17-5058-01-00-00	35,000			50.0%	50.0%		100.0%
Maintenance Equip. & Facilities (Co-Gen) 4	17-5059-01-00-00	588,000		100.0%				100.0%
Maintenance Equip. & Facilities (AWT) 41-f	17-5060-01-00-00	37,000					100.0%	100.0%
Mileage	17-5061-01-00-00	1,000			50.0%	50.0%		100.0%
Mileage	17-5061-02-00-00				50.0%	50.0%		100.0%
MNWD Potable Water Supplies & Svcs.	17-5068-02-00-00	24,972					100.0%	100.0%
SCADA Infrastructure	17-5076-01-03-00	7,000			50.0%	50.0%		100.0%
IT Direct	17-5077-01-00-00	8,040			50.0%	50.0%		100.0%
Employee Recognition	17-5101-01-00-00		43.5%	47.2%	1.7%	1.7%	5.9%	100.0%
Co-Generation Power Credit - Offset	17-5105-01-00-00	325,000	43.5%	47.2%	1.7%	1.7%	5.9%	100.0%
Comp Time - O&M	17-5315-01-00-00		43.5%	47.2%	1.7%	1.7%	5.9%	100.0%
Performance Based Merit Pay	17-5302-01-00-00		43.5%	47.2%	1.7%	1.7%	5.9%	100.0%
Group Insurance Waiver	17-5303-02-00-00	3,600	66.0%	8.4%	5.7%	5.7%	14.2%	100.0%
Medicare Tax Payments for Employees	17-5305-01-00-00		43.5%	47.2%	1.7%	1.7%	5.9%	100.0%
Medicare Tax Payments for Employees	17-5305-02-00-00		66.0%	8.4%	5.7%	5.7%	14.2%	100.0%
Scheduled Holiday Work	17-5306-01-00-00	12,775	43.5%	47.2%	1.7%	1.7%	5.9%	100.0%
Scheduled Holiday Work	17-5306-02-00-00		66.0%	8.4%	5.7%	5.7%	14.2%	100.0%
Group Insurance Waiver	17-5303-01-00-00	3,600	43.5%	47.2%	1.7%	1.7%	5.9%	100.0%
Weekend Shift Pay	17-5307-02-00-00		66.0%	8.4%	5.7%	5.7%	14.2%	100.0%
Comp Time - O&M	17-5315-02-00-00		66.0%	8.4%	5.7%	5.7%	14.2%	100.0%
Operating Leases	17-5309-01-00-00		43.5%	47.2%	1.7%	1.7%	5.9%	100.0%
Fringe Benefits IN to PC's & Depts.	17-5401-01-00-00	1,079,829	43.5%	47.2%	1.7%	1.7%	5.9%	100.0%
Fringe Benefits IN to PC's & Depts.	17-5401-02-00-00	213,287	66.0%	8.4%	5.7%	5.7%	14.2%	100.0%
Standby Pay	17-5700-01-00-00	27,040			50.0%	50.0%		100.0%
Monthly Car Allowance	17-5705-01-00-00	7,200	43.5%	47.2%	1.7%	1.7%	5.9%	100.0%
Monthly Car Allowance	17-5705-02-00-00	4,200	66.0%	8.4%	5.7%	5.7%	14.2%	100.0%
Effluent Pond Cleaning	17-5706-01-00-00	90,000	100.0%					100.0%
Sales Tax	17-5801-01-00-00				50.0%	50.0%		100.0%
Sales Tax	17-5801-02-00-00				50.0%	50.0%		100.0%
Shipping/Freight	17-5802-01-00-00				50.0%	50.0%		100.0%
Shipping/Freight	17-5802-02-00-00				50.0%	50.0%		100.0%
IT Allocations in to PC's & Depts.	17-6500-01-00-00	190,823			50.0%	50.0%		100.0%
IT Allocations in to PC's & Depts.	17-6500-02-00-00	37,691			50.0%	50.0%		100.0%
Rounding								
Total		7,805,050						

South Orange County Wastewater Authority
FY 2019-20 PC 17 Distribution by Member Agency and Wastewater Code

Member Agency Budget by Wastewater Code

City of Laguna Beach	18,078	18,592	514	503,376	596,652	93,276	-	-	-	-	-	-	58,244	56,076	(2,168)	579,698	671,320	91,622
El Toro Water District	6,053	6,088	35	467,180	553,728	86,548	-	-	-	-	-	-	105,952	102,024	(3,928)	579,185	661,840	82,655
Emerald Bay Service District	547	580	33	15,536	18,404	2,868	-	-	-	-	-	-	3,060	2,944	(116)	19,143	21,928	2,785
Moulton Niguel Water District	2,233,718	2,322,412	88,694	1,820,196	2,157,472	337,276	760,188	726,912	(33,276)	521,372	501,796	(19,576)	305,396	294,014	(11,382)	5,640,871	6,002,606	361,735
South Coast Water District	12,668	13,032	364	328,640	389,544	60,904	-	-	-	-	-	-	46,504	44,780	(1,724)	387,812	447,356	59,544
Total	2,271,064	2,360,704	89,640	3,134,928	3,715,800	580,872	760,188	726,912	(33,276)	521,372	501,796	(19,576)	519,156	499,838	(19,318)	7,206,709	7,805,050	598,341
Budget Change vs. 2015-16 Actual			3.9%			18.5%			-4.4%			-3.8%			-3.7%			8.3%

Member Agency Wastewater Code Allocation %'s

City of Laguna Beach	0.8%	0.8%	0.0%	16.1%	16.1%	0.0%							11.2%	11.2%	0.0%	8.0%	8.6%	0.6%
El Toro Water District	0.3%	0.3%	0.0%	14.9%	14.9%	0.0%							20.4%	20.4%	0.0%	8.0%	8.5%	0.4%
Emerald Bay Service District	0.0%	0.0%	0.0%	0.5%	0.5%	0.0%							0.6%	0.6%	0.0%	0.3%	0.3%	0.0%
Moulton Niguel Water District	98.4%	98.4%	0.0%	58.1%	58.1%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	58.8%	58.8%	0.0%	78.3%	76.9%	-1.4%
South Coast Water District	0.6%	0.6%	0.0%	10.5%	10.5%	0.0%							9.0%	9.0%	0.0%	5.4%	5.7%	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%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%

South Orange County Wastewater Authority
FY 2019-20 PC 21 Line Item Detail and Wastewater Code Allocations

Description	Account #	Total	Wastewater Allocation %		
			Reach B/C/D	Reach E	Total
Regular Salaries-O&M	21-5000-01-00-00	740	67.0%	33.0%	100.0%
Regular Salaries-O&M	21-5000-02-00-00		67.0%	33.0%	100.0%
Engineering - Misc.	21-5014-01-00-00		67.0%	33.0%	100.0%
Engineering - Misc.	21-5014-02-00-00		67.0%	33.0%	100.0%
Management Support Services	21-5015-01-00-00		67.0%	33.0%	100.0%
Contract Services Misc. - 29	21-5019-01-00-00		67.0%	33.0%	100.0%
Contract Services Misc. - 29	21-5019-02-00-00		67.0%	33.0%	100.0%
Insurance - Property/Liability	21-5027-01-00-00		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		67.0%	33.0%	100.0%
Fringe Benefits IN to PC's & Depts.	21-5401-02-00-00		67.0%	33.0%	100.0%
Total		740			

South Orange County Wastewater Authority
FY 2019-20 PC 21 Distribution by Member Agency and Wastewater Code

Member Agency Budget by Wastewater Code

El Toro Water District
 Irvine Ranch Water District
 Moulton Niguel Water District
Total

Reach B/C/D			Reach E			Total		
FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance
252	248	(4)	56	56	-	308	304	4
252	248	(4)	56	56	-	308	304	4
-	-	-	129	132	3	129	132	(3)
504	496	(8)	241	244	3	745	740	5

**Member Agency Wastewater Code
Allocation %'s**

El Toro Water District
 Irvine Ranch Water District
 Moulton Niguel Water District
Total

Reach B/C/D			Reach E			Total		
FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance
50.0%	50.0%	0.0%	23.3%	23.0%	-0.3%	41.4%	41.1%	-0.3%
50.0%	50.0%	0.0%	23.3%	23.0%	-0.3%	41.4%	41.1%	-0.3%
			53.5%	54.1%	0.6%	17.3%	17.8%	0.6%
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 2019-20

**Operations Cost Distribution Analysis recommended by
Carollo Engineers and Approved by Board**

All Variable Costs were moved to Fixed Costs.

**Member Agency Wastewater
Code Allocation %'s**

City of Laguna Beach
El Toro Water District
Emerald Bay Service District
Irvine Ranch Water District
Moulton Niguel Water District
South Coast Water District

Total

Fixed		
FY 17-18 Actual	FY 19-20 Budget	Variance
11.00%	11.00%	0.0%
16.30%	16.30%	0.0%
0.78%	0.78%	0.0%
15.75%	15.76%	0.0%
43.85%	43.85%	0.0%
12.32%	12.31%	0.0%
100.0%	100.0%	0.0%

Note: In previous years, the prior year Use Audit Actual Flows were used to distribute Variable Costs.

FY 2017-18 Flows		
Member Agency	Outfall Flows MGD	Variable Cost %
CLB	1.70	18.97
EBSD	0.05	0.53
ETWD	2.29	25.52
IRWD	2.10	23.41
MNWD	2.15	23.96
SCWD	0.68	7.60
Total	8.98	100%

South Orange County Wastewater Authority
FY 2019-20 PC 24 Line Item Detail and Wastewater Code Allocation %'s

Description	Account #	Total	Wastewater Allocation %			
			Var 5%	Var 95%	Fixed	Total
Regular Salaries-O&M	24-5000-01-00-00	311			100.0%	100.0%
Regular Salaries-O&M	24-5000-02-00-00	99,425			100.0%	100.0%
Overtime Salaries-O&M	24-5001-01-00-00				100.0%	100.0%
Overtime Salaries-O&M	24-5001-02-00-00	456			100.0%	100.0%
Electricity	24-5002-01-00-00				100.0%	100.0%
Electricity	24-5002-02-00-00				100.0%	100.0%
Engineering - Misc.	24-5014-01-00-00				100.0%	100.0%
Engineering - Misc.	24-5014-02-00-00				100.0%	100.0%
Management Support Services	24-5015-01-00-00				100.0%	100.0%
Management Support Services	24-5015-02-00-00	22,500			100.0%	100.0%
Legal	24-5017-01-00-00				100.0%	100.0%
Legal	24-5017-02-00-00	1,000			100.0%	100.0%
Insurance - Property/Liability	24-5027-01-00-00	6,520			100.0%	100.0%
Insurance - Property/Liability	24-5027-02-00-00				100.0%	100.0%
Safety Supplies	24-5031-02-00-00	1,000			100.0%	100.0%
Travel Expense/Tech. Conferences	24-5034-02-00-00	3,704			100.0%	100.0%
Training	24-5035-02-00-00	6,004			100.0%	100.0%
Laboratory Supplies	24-5036-02-00-00	19,560			100.0%	100.0%
Permits	24-5038-02-00-00	186,758			100.0%	100.0%
Membership Dues/Fees	24-5039-02-00-00	5,500			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				100.0%	100.0%
Effluent Chemistry - 20C	24-5046-02-00-00	14,004			100.0%	100.0%
Maintenance Equip. & Facilities(Common)	24-5058-01-00-00	1,000			100.0%	100.0%
Inspections/Port Cleaning	24-5067-02-00-00				100.0%	100.0%
Misc-Capital-Dilution & Metering Study	24-5069-02-00-00	30,000			100.0%	100.0%
Scheduled Holiday Work	24-5306-01-00-00				100.0%	100.0%
Scheduled Holiday Work	24-5306-02-00-00				100.0%	100.0%
Performance Based Merit Pay	24-5302-01-00-00				100.0%	100.0%
Weekend Shift Pay	24-5307-02-00-00				100.0%	100.0%
Fringe Benefits IN to PC's & Depts.	24-5401-01-00-00	224			100.0%	100.0%
Fringe Benefits IN to PC's & Depts.	24-5401-02-00-00	71,431			100.0%	100.0%
Shipping and Freight	24-5802-02-00-00				100.0%	100.0%
IT Allocations in to PC's & Depts.	24-6500-01-00-00	40			100.0%	100.0%
IT Allocations in to PC's & Depts.	24-6500-02-00-00	12,623			100.0%	100.0%
Rounding		0				
Total		500,060				

South Orange County Wastewater Authority
FY 2019-20 PC 24 Distribution by Member Agency and Wastewater Code

Member Agency Budget by Wastewater Code	Fixed			Var 5%			Var 95%			Total		
	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance
City of Laguna Beach	19,680	55,008	35,328	1,149	-	(1,149)	37,172	-	(37,172)	58,001	55,008	(2,993)
El Toro Water District	29,172	81,528	52,356	1,699	-	(1,699)	50,020	-	(50,020)	80,891	81,528	637
Emerald Bay Service District	1,392	3,904	2,512	77	-	(77)	1,044	-	(1,044)	2,513	3,904	1,391
Irvine Ranch Water District	28,188	78,804	50,616	1,642	-	(1,642)	45,872	-	(45,872)	75,702	78,804	3,102
Moulton Niguel Water District	78,448	219,260	140,812	4,546	-	(4,546)	46,964	-	(46,964)	129,958	219,260	89,302
South Coast Water District	22,039	61,556	39,517	1,281	-	(1,281)	14,900	-	(14,900)	38,220	61,556	23,336
Total	178,919	500,060	321,141	10,393	-	(10,393)	195,972	-	(195,972)	385,285	500,060	114,775

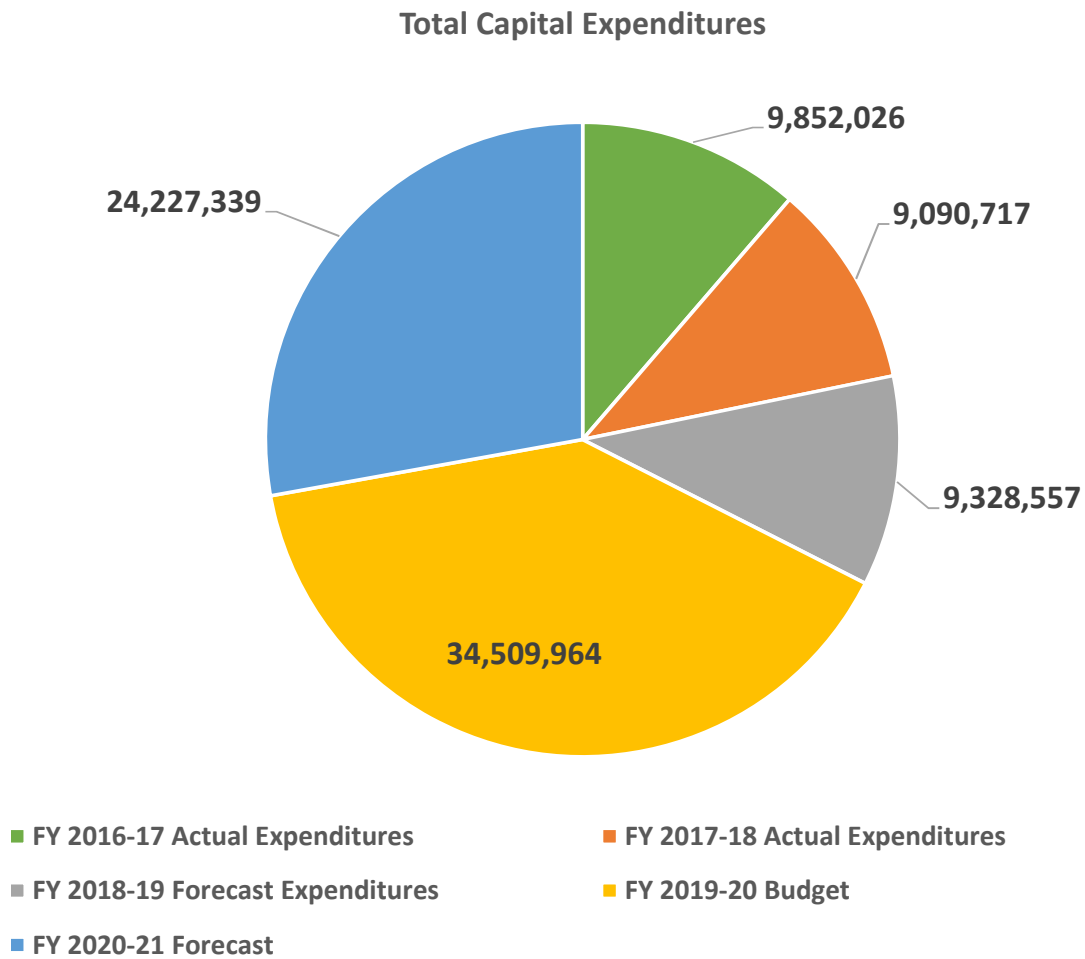
Member Agency Wastewater Code Allocation %'s	Fixed			Var 5%			Var 95%			Total		
	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance	FY 17-18 Actual	FY 19-20 Budget	Variance
City of Laguna Beach	11.0%	11.0%	0.0%	11.1%	0.0%	-11.1%	19.0%	0.0%	-19.0%	15.1%	11.0%	-4.1%
El Toro Water District	16.3%	16.3%	0.0%	16.3%	0.0%	-16.3%	25.5%	0.0%	-25.5%	21.0%	16.3%	-4.7%
Emerald Bay Service District	0.8%	0.8%	0.0%	0.7%	0.0%	-0.7%	0.5%	0.0%	-0.5%	0.7%	0.8%	0.1%
Irvine Ranch Water District	15.8%	15.8%	0.0%	15.8%	0.0%	-15.8%	23.4%	0.0%	-23.4%	19.6%	15.8%	-3.9%
Moulton Niguel Water District	43.8%	43.8%	0.0%	43.7%	0.0%	-43.7%	24.0%	0.0%	-24.0%	33.7%	43.8%	10.1%
South Coast Water District	12.3%	12.3%	0.0%	12.3%	0.0%	-12.3%	7.6%	0.0%	-7.6%	9.9%	12.3%	2.4%
Total	100.0%	100.0%	0.0%	100.0%	0.0%	-100.0%	100.0%	0.0%	-100.0%	100.0%	100.0%	0.0%

**South Orange County Wastewater Authority
FY 2019-20 Capital Budget w/1-Year Forecast by Member Agency**

	FY 2016-17 Actual Expenditures	FY 2017-18 Actual Expenditures	FY 2018-19 Forecast Expenditures	FY 2019-20 Budget	FY 2020-21 Forecast
Total Capital Budget					
Member Agency					
City of Laguna Beach	857,725	1,047,324	528,915	4,962,557	3,073,540
City of San Clemente	9,387	396	721	14,745	89,918
City of San Juan Capistrano	886,145	698,567	1,657,359	3,247,868	3,614,700
El Toro Water District	673,966	433,008	256,044	642,576	449,100
Emerald Bay Service District	58,190	76,782	39,294	383,631	238,980
Irvine Ranch Water District	19,893	48,848	94,853	159,724	255,866
Moulton Niguel Water District	4,729,584	4,411,148	2,762,768	16,026,273	7,931,331
Santa Margarita Water District	818,783	520,859	1,237,395	2,525,591	2,944,478
South Coast Water District	1,798,353	1,853,786	2,751,208	6,546,999	5,629,426
Total Member Agency	9,852,026	9,090,717	9,328,557	34,509,964	24,227,339

**South Orange County Wastewater Authority
FY 2019-20 Capital Budget w/1-Year Forecast by Member Agency**

	FY 2016-17 Actual Expenditures	FY 2017-18 Actual Expenditures	FY 2018-19 Forecast Expenditures	FY 2019-20 Budget	FY 2020-21 Forecast
Total Capital Expenditures	9,852,026	9,090,717	9,328,557	34,509,964	24,227,339



South Orange County Wastewater Authority
FY 2019-20 Capital Budget w/Non-Capital Engineering, Non-Capital Misc
and Small Capital by Member Agency

	FY 2016-17 Actual	FY 2017-18 Actual	FY 2018-19 Forecast	FY 2019-20 Budget	FY 2020-21 Frcst
Large Capital Projects					
Member Agency					
City of Laguna Beach	638,512	792,058	362,862	4,632,011	2,796,972
City of San Clemente	3,647	239	721	-	81,222
City of San Juan Capistrano	603,343	435,443	1,501,832	2,821,980	3,177,300
El Toro Water District	615,785	345,185	215,294	527,457	365,492
Emerald Bay Service District	41,526	57,552	26,800	359,248	218,393
Irvine Ranch Water District	401	17,111	93,215	153,887	247,875
Moulton Niguel Water District	3,990,353	3,489,654	2,176,900	14,641,912	6,755,777
Santa Margarita Water District	599,784	316,782	1,121,502	2,186,216	2,615,586
South Coast Water District	1,348,735	1,396,833	2,469,824	5,876,061	4,977,598
Total Member Agency	7,842,085	6,850,857	7,968,949	31,198,772	21,236,215
*Non-Capital Engineering Projects (O&M Non-Operating Expense)					
Member Agency					
City of Laguna Beach	76,903	61,261	13,496	46,606	22,211
City of San Clemente	4,860	157	-	12,586	8,696
City of San Juan Capistrano	25,042	54,660	15,543	162,656	200,114
El Toro Water District	28,237	42,783	2,828	16,596	16,607
Emerald Bay Service District	5,888	4,653	1,043	3,406	1,571
Irvine Ranch Water District	18,916	31,737	1,638	-	7,991
Moulton Niguel Water District	169,352	196,010	52,826	280,670	299,650
Santa Margarita Water District	29,544	49,105	10,000	137,178	148,276
South Coast Water District	123,269	94,689	24,340	178,989	196,951
Total Member Agency	482,011	535,056	121,712	838,687	902,067
*Non-Capital Miscellaneous Engineering (O&M Non-Operating Expense)					
Member Agency					
City of Laguna Beach				28,332	
City of San Clemente				1,703	
City of San Juan Capistrano				54,668	
El Toro Water District				36,258	
Emerald Bay Service District				1,769	
Irvine Ranch Water District				5,405	
Moulton Niguel Water District				169,463	
Santa Margarita Water District				46,245	
South Coast Water District				81,157	
Total Member Agency	-	-	-	425,000	-
*Small Internal Capital					
Member Agency					
City of Laguna Beach	142,310	194,006	152,558	255,608	254,357
City of San Clemente	881	-	-	456	-
City of San Juan Capistrano	257,760	208,464	139,985	208,564	237,286
El Toro Water District	29,944	45,040	37,922	62,264	67,001
Emerald Bay Service District	10,776	14,577	11,451	19,208	19,016
Irvine Ranch Water District	576	-	-	432	-
Moulton Niguel Water District	569,879	725,483	533,042	934,228	875,904
Santa Margarita Water District	189,454	154,973	105,894	155,952	180,616
South Coast Water District	326,349	362,263	257,044	410,792	454,877
Total Member Agency	1,527,930	1,704,805	1,237,896	2,047,504	2,089,057
Total Capital Budget					
Member Agency					
City of Laguna Beach	857,725	1,047,324	528,915	4,962,557	3,073,540
City of San Clemente	9,387	396	721	14,745	89,918
City of San Juan Capistrano	886,145	698,567	1,657,359	3,247,868	3,614,700
El Toro Water District	673,966	433,008	256,044	642,576	449,100
Emerald Bay Service District	58,190	76,782	39,294	383,631	238,980
Irvine Ranch Water District	19,893	48,848	94,853	159,724	255,866
Moulton Niguel Water District	4,729,584	4,411,148	2,762,768	16,026,273	7,931,331
Santa Margarita Water District	818,783	520,859	1,237,395	2,525,591	2,944,478
South Coast Water District	1,798,353	1,853,786	2,751,208	6,546,999	5,629,426
Total Member Agency	9,852,026	9,090,717	9,328,557	34,509,964	24,227,339

*Future Year Expenditures are Included in The Large Capital Plan for fiscal year 2020-21.

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	Project Life Budget
PC 02 J B Latham						
Liquids						
3220-000 - Facility Improvements B - Basin Upgrades Construction II	610,633	912,354	1,215,952	918,092	3,657,031	3,657,031
Total Liquids	610,633	912,354	1,215,952	918,092	3,657,031	3,657,031
Common						
3231-000 - Facility Improvements B - Common Upgrades Construction II	146,487	218,867	291,698	220,244	877,296	877,296
Total Common	146,487	218,867	291,698	220,244	877,296	877,296
Solids						
3287-000 - Facility Improvements B - Solids Upgrades Construction II	851,990	1,189,269	1,529,240	1,196,749	4,767,248	5,430,248
Total Solids	851,990	1,189,269	1,529,240	1,196,749	4,767,248	5,430,248
Total PC 02 J B Latham	1,609,110	2,320,490	3,036,890	2,335,085	9,301,575	9,964,575
PC 15 Coastal Treatment Plant						
Liquids						
3525-000 - Personnel Building Reconstruction (2019)	69,454	-	-	-	69,454	162,954
3539-000 - Facility Construction Improvements - Part II (2020)	1,164,173	1,739,403	2,318,213	1,750,342	6,972,131	6,972,131
3541-000 - Export Sludge System Construction (2020)	1,359,667	1,354,329	1,353,750	454,282	4,522,028	4,522,028
3553-000 - Plant Drainage Improvements (2017)	-	80,558	-	-	80,558	221,267
Total Liquids	2,593,294	3,174,290	3,671,963	2,204,624	11,644,171	11,878,380
Total PC 15 Coastal Treatment Plant	2,593,294	3,174,290	3,671,963	2,204,624	11,644,171	11,878,380

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	Project Life Budget
PC 17 Joint Regional Wastewater Reclamation Liquids						
3701-000 - Secondary Electrical System Rerouting (2014)	351,905	350,524	-	-	702,429	1,261,000
3702-000 - Waste Activated Sludge VFD Control Panel (2013)	121,445	120,968	-	-	242,413	400,500
3741-000 - Southwest Influent Sewer and MH Repair Design (2019)	70,974	-	-	-	70,974	100,974
3742-000 - Aeration System Upgrade (2019)	201,770	251,222	351,561	202,242	1,006,795	1,006,795
3743-000 - Aeration Gate Replacement (2019)	87,197	108,568	151,931	87,401	435,097	435,097
3753-000 - Aeration Diffuser Upgrade (2020)	76,399	313,496	322,466	94,778	807,139	807,139
3755-000 - Southeast Sewer Rehabilitation (2020)	-	-	285,186	287,102	572,288	572,288
3756-000 - Secondary Clarifier Safety Repairs (2020)	7,665	-	34,343	34,574	76,582	76,582
3757-000 - Miscellaneous Safety Improvements - Liquids (2020)	14,178	-	63,522	63,949	141,649	141,649
3758-000 - AWT No.2 Reconstruction (2020)	253,480	1,262,424	1,009,508	-	2,525,412	2,525,412
3759-000 - AWT No.2 Electrical Upgrades (2020)	35,487	176,739	141,331	-	353,557	353,557
3766-000 - AWT Sodium Hypochlorite Tanks Shade (2020)	28,471	-	127,561	128,419	284,451	284,451
3784-000 - Replace DAF (Mannich) Polymer System (2018)	38,022	37,873	-	-	75,895	560,000
3785-000 - Replace DAF Dissolution Tank System and Compressors (201	50,696	50,497	-	-	101,193	600,000
3786-000 - Primary Gallery Mechanical and Electrical Upgrade (2018)	261,084	260,059	-	-	521,143	1,595,000
Total Liquids	1,598,773	2,932,370	2,487,409	898,465	7,917,017	10,720,444

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	Project Life Budget
Common						
3761-000 - External Lighting Upgrade	90,175	-	-	-	90,175	374,212
3769-000 - Trailer Drain Line (2020)	55,766	-	-	-	55,766	55,766
Total Common	145,941	-	-	-	145,941	429,978
Solids						
3749-000 - Phase I Solids Piping Upgrade (2019)	89,727	89,375	-	-	179,102	179,102
3751-000 - Energy Building Roof and Breezeway (2019)	42,204	84,077	42,021	-	168,302	555,000
3771-000 - Miscellaneous Safety Improvements - Solids (2020)	14,178	-	63,522	63,949	141,649	141,649
3772-000 - Hot Water Piping Reconstruction (2020)	313,178	311,949	-	-	625,127	625,127
3773-000 - Co-Generation System Modifications (2020)	60,412	-	288,870	290,688	639,970	639,970
Total Solids	519,699	485,401	394,413	354,637	1,754,150	2,140,848
Total PC 17 Joint Regional Wastewater Reclamation	2,264,413	3,417,771	2,881,822	1,253,102	9,817,108	13,291,270

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	Project Life Budget
PC 21 Effluent Transmission Main						
3101-000 - Trail Bridge Crossing Protection - Phase I (D) (2016)	40,557	40,398	40,380	40,652	161,987	161,987
3105-000 - Air Valve Replacement Design and Permitting (D) (2020)	32,065	31,939	-	-	64,004	64,004
3106-000 - Air Valve Replacement Design and Permitting (E) (2020)	41,571	41,408	20,695	-	103,674	103,674
Total PC 21 Effluent Transmission Main	114,193	113,745	61,075	40,652	329,665	329,665
PC 24 Aliso Creek Ocean Outfall						
3408-000 - Sampling System Repair (2020)	53,231	53,022	-	-	106,253	106,253
Total PC 24 Aliso Creek Ocean Outfall	53,231	53,022	-	-	106,253	106,253
FY 19-20 Total Work Plan	6,634,241	9,079,318	9,651,750	5,833,463	31,198,772	35,570,143

South Orange County Wastewater Authority
Non Capital Projects Scheduled for FY 2019-20

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan	Project Life Budget
PC 02 J B Latham						
Liquids						
4201-000 - Plant 1 Blower Building Condition Assessment (2020)	-	42,922	42,904	-	85,826	85,826
4202-000 - Pipeline Condition Assessment Methodology Evaluation (2020)	-	50,497	-	-	50,497	50,497
4203-000 - Plant Hydraulic Modeling and Flow Management Plan (2020)	35,487	70,696	70,666	-	176,849	176,849
Total Liquids	35,487	164,115	113,570	-	313,172	313,172
Common						
4204-000 - Electrical Manhole Condition Assessment (2020)	-	45,447	45,428	-	90,875	90,875
Total Common	-	45,447	45,428	-	90,875	90,875
Solids						
4214-000 - Solids Management Plan (2020)	-	50,497	50,475	-	100,972	100,972
Total Solids	-	50,497	50,475	-	100,972	100,972
Total PC 02 J B Latham	35,487	260,059	209,473	-	505,019	505,019
PC 05 San Juan Creek Ocean Outfall						
4601-000 - Monitoring Evaluation Options (2020)	-	37,873	37,857	-	75,730	75,730
Total PC 05 San Juan Creek Ocean Outfall	-	37,873	37,857	-	75,730	75,730
PC 15 Coastal Treatment Plant						
Liquids						
4501-000 - Electrical Manhole/Cable Assessment (2020)	60,835	-	-	-	60,835	60,835
4502-000 - Building Roof Condition Assessment (2020)	-	35,348	-	-	35,348	35,348
Total Liquids	60,835	35,348	-	-	96,183	96,183
Total PC 15 Coastal Treatment Plant	60,835	35,348	-	-	96,183	96,183
PC 17 Joint Regional Wastewater Reclamation						
Common						
4703-000 - Lab Reconstruction Evaluation (2020)	-	35,348	35,333	-	70,681	70,681
4704-000 - Evaluate Plant and Storm Drainage (2020)	45,626	45,447	-	-	91,073	91,073
Total Common	45,626	80,795	35,333	-	161,754	161,754
Total PC 17 Joint Regional Wastewater Reclamation	45,626	80,795	35,333	-	161,754	161,754
FY 19-20 Total Work Plan	141,948	414,075	282,663	-	838,686	838,686

South Orange County Wastewater Authority
Non Capital Miscellaneous Engineering Expenses Scheduled for FY 2019-20

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan	Project Life Budget
PC 02 J B Latham						
Liquids						
5205-000(a) - PC 2 Asset Register Pilot Project Liquids (2020)	12,500	12,500	12,500	12,500	50,000	50,000
Total Liquids	12,500	12,500	12,500	12,500	50,000	50,000
Common						
5203-000 - PC 2 Miscellaneous Engineering Common (2020)	12,875	12,875	12,875	12,875	51,500	51,500
Total Common	12,875	12,875	12,875	12,875	51,500	51,500
Solids						
5204-000(a) - PC 2 Innovative Biosolids Solids (2020)	18,750	18,750	18,750	18,750	75,000	75,000
Total Solids	18,750	18,750	18,750	18,750	75,000	75,000
Total PC 02 J B Latham	44,125	44,125	44,125	44,125	176,500	176,500
PC 05 San Juan Creek Ocean Outfall						
5615-000 - PC 5 Miscellaneous Engineering Outfall (2020)	2,563	2,563	2,562	2,562	10,250	10,250
Total PC 05 San Juan Creek Ocean Outfall	2,563	2,563	2,562	2,562	10,250	10,250
PC 15 Coastal Treatment Plant						
Liquids						
5501-000 - PC 15 Miscellaneous Engineering Liquids (2020)	6,563	6,563	6,562	6,562	26,250	26,250
Total Liquids	6,563	6,563	6,562	6,562	26,250	26,250
AWT						
5504-000 - PC 15 Miscellaneous Engineering AWT (2020)	3,750	3,750	3,750	3,750	15,000	15,000
Total AWT	3,750	3,750	3,750	3,750	15,000	15,000
Total PC 15 Coastal Treatment Plant	10,313	10,313	10,312	10,312	41,250	41,250

South Orange County Wastewater Authority
Non Capital Miscellaneous Engineering Expenses Scheduled for FY 2019-20

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan	Project Life Budget
PC 17 Joint Regional Wastewater Reclamation Common						
5703-000 - PC 17 Miscellaneous Engineering Common (2020)	12,875	12,875	12,875	12,875	51,500	51,500
Total Common	12,875	12,875	12,875	12,875	51,500	51,500
Solids						
5204-000(b) - PC 17 Innovative Biosolids Solids (2020)	18,750	18,750	18,750	18,750	75,000	75,000
5205-000(b) - PC 17 Asset Register Pilot Project Solids (2020)	12,500	12,500	12,500	12,500	50,000	50,000
Total Solids	31,250	31,250	31,250	31,250	125,000	125,000
Total PC 17 Joint Regional Wastewater Reclamation	44,125	44,125	44,125	44,125	176,500	176,500
PC 21 Effluent Transmission Main						
5113-000 - PC 21 Miscellaneous Engineering B/C/D (2020)	1,313	1,313	1,312	1,312	5,250	5,250
5114-000 - PC 21 Miscellaneous Engineering E (2020)	1,250	1,250	1,250	1,250	5,000	5,000
Total PC 21 Effluent Transmission Main	2,563	2,563	2,562	2,562	10,250	10,250
PC 24 Aliso Creek Ocean Outfall						
5415-000 - PC 24 Miscellaneous Engineering Outfall (2020)	2,563	2,563	2,562	2,562	10,250	10,250
Total PC 24 Aliso Creek Ocean Outfall	2,563	2,563	2,562	2,562	10,250	10,250
FY 19-20 Total Work Plan	106,252	106,252	106,248	106,248	425,000	425,000

South Orange County Wastewater Authority
Small Capital Projects Scheduled for FY 2019-20

		1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 02 J B Latham						
Liquids						
2220-001 - 2 ISCO Samplers (between 3 PC's)		2,500	2,500	2,500	2,500	10,000
2220-002 - Laboratory Equipment and Probe Replacements (between 3 PC's)		5,000	5,000	5,000	5,000	20,000
2220-003 - Motor Operated Valve Replacements		3,750	3,750	3,750	3,750	15,000
2220-004 - Pump Overhaul - Replacements - RSP/Effluent/Bleach		3,750	3,750	3,750	3,750	15,000
2220-005 - Exhaust fan replacements		2,500	2,500	2,500	2,500	10,000
2220-006 - Effluent pump station gas line		3,750	3,750	3,750	3,750	15,000
2220-007 - Replacement Check Valves		2,500	2,500	2,500	2,500	10,000
2220-008 - 9-side Raw Sewage Pump Rebuild		6,250	6,250	6,250	6,250	25,000
2220-009 - Stock pri & sec flights and chain		2,500	2,500	2,500	2,500	10,000
2220-010 - Replacement Grit Seperator		9,250	9,250	9,250	9,250	37,000
2220-011 - Sample processing station relocation project		2,500	2,500	2,500	2,500	10,000
2220-012 - Roll-up and Double Door Replacements		10,000	10,000	10,000	10,000	40,000
2220-013 - Aeration Diffuser Cleaning System		5,000	5,000	5,000	5,000	20,000
2220-014 - HVAC Replacements		3,750	3,750	3,750	3,750	15,000
Total Liquids		63,000	63,000	63,000	63,000	252,000
Common						
2220-015 - Safety Equipment		7,500	7,500	7,500	7,500	30,000
2220-016 - Replacement sump pump		2,500	2,500	2,500	2,500	10,000
2220-017 - Replacement Access Gate Operators		5,000	5,000	5,000	5,000	20,000
2220-018 - Fixed Gas Detector Equipment		5,000	5,000	5,000	5,000	20,000
2220-019 - Stanley Security Access Expansion 2019		3,750	3,750	3,750	3,750	15,000
2220-020 - Two Utility Vehicles		16,250	16,250	16,250	16,250	65,000
2220-021 - Replacement Air Compressor		1,875	1,875	1,875	1,875	7,500
2220-022 - Gate Operator		7,500	7,500	7,500	7,500	30,000
2220-023 - Lighting System Improvements		3,750	3,750	3,750	3,750	15,000
Total Common		53,125	53,125	53,125	53,125	212,500
Solids						
2220-024 - Digester valves		15,000	15,000	15,000	15,000	60,000
2220-025 - Replacment Recirc Pump		2,625	2,625	2,625	2,625	10,500
2220-026 - Replacement Pumps - Ferric/RAS/Recirculation		2,500	2,500	2,500	2,500	10,000
2220-027 - Replacment Valves		3,750	3,750	3,750	3,750	15,000
2220-028 - Pump Overhaul - Replacements - Primary/Seconday RAS-WAS		7,500	7,500	7,500	7,500	30,000
2220-029 - Centrifuge Support Equipment		3,750	3,750	3,750	3,750	15,000
2220-030 - Replacement Seepex pump		7,500	7,500	7,500	7,500	30,000
2220-031 - Centrifuge Rebuild		12,500	12,500	12,500	12,500	50,000
Total Solids		55,125	55,125	55,125	55,125	220,500
Total PC 02 J B Latham		171,250	171,250	171,250	171,250	685,000

South Orange County Wastewater Authority
Small Capital Projects Scheduled for FY 2019-20

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 05 San Juan Creek Ocean Outfall					
2620-001 - Fecal Incubator Replacement (between 5 and 24)	688	688	688	688	2,752
Total PC 05 San Juan Creek Ocean Outfall	688	688	688	688	2,752
PC 15 Coastal Treatment Plant					
Liquids					
2220-001 - 2 ISCO Samplers (between 3 PC's)	2,500	2,500	2,500	2,500	10,000
2220-002 - Laboratory Equipment and Probe Replacements (between 3 PC's)	2,500	2,500	2,500	2,500	10,000
2520-003 - Replacement Scrubber Water Softener	2,500	2,500	2,500	2,500	10,000
2520-004 - Pump Overhaul/Replacements	6,250	6,250	6,250	6,250	25,000
2520-005 - Replacment Grit Auger	15,000	15,000	15,000	15,000	60,000
2520-006 - Replacment Scum Pumps	18,750	18,750	18,750	18,750	75,000
2520-007 - Chain and Flights	3,750	3,750	3,750	3,750	15,000
2520-008 - Drive Overhaul/Replacements	3,750	3,750	3,750	3,750	15,000
2520-009 - Process water pump replacment	2,500	2,500	2,500	2,500	10,000
2520-010 - Headworks Building Recoating	6,250	6,250	6,250	6,250	25,000
2520-011 - Valves	6,250	6,250	6,250	6,250	25,000
2520-012 - Aeration Panel Replacement	5,000	5,000	5,000	5,000	20,000
2520-013 - Ventilation Fan Replacement	15,000	15,000	15,000	15,000	60,000
2520-014 - Roll-up and Double Door Replacements	11,250	11,250	11,250	11,250	45,000
2520-015 - Grinding Pump Replacment	6,250	6,250	6,250	6,250	25,000
Total Liquids	107,500	107,500	107,500	107,500	430,000
Common					
2520-016 - Safety Equipment	7,500	7,500	7,500	7,500	30,000
2520-017 - HVAC Replacements	7,500	7,500	7,500	7,500	30,000
2520-018 - Stanley Security Access Expansion 2019	3,750	3,750	3,750	3,750	15,000
2520-019 - Landscape renovation	10,000	10,000	10,000	10,000	40,000
2520-020 - Microscope	1,500	1,500	1,500	1,500	6,000
2520-021 - Additional Parameter Fencing and Gates	2,500	2,500	2,500	2,500	10,000
2520-022 - Fixed Gas Detector Equipment	5,000	5,000	5,000	5,000	20,000
Total Common	37,750	37,750	37,750	37,750	151,000
AWT					
2520-023 - Spare Bleach Pump	2,500	2,500	2,500	2,500	10,000
2520-024 - Replacement Analyzer Equipment	5,000	5,000	5,000	5,000	20,000
2520-025 - AWT Bleach Pump Pad Cover	2,500	2,500	2,500	2,500	10,000
Total AWT	10,000	10,000	10,000	10,000	40,000
Total PC 15 Coastal Treatment Plant	155,250	155,250	155,250	155,250	621,000

South Orange County Wastewater Authority Small Capital Projects Scheduled for FY 2019-20

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 17 Joint Regional Wastewater Reclamation Liquids					
2220-001 - 2 ISCO Samplers (between 3 PC's)	2,500	2,500	2,500	2,500	10,000
2220-002 - Laboratory Equipment and Probe Replacements (between 3 PC's)	2,500	2,500	2,500	2,500	10,000
2720-003 - Interstage #2 Pump and Motor Rebuild	10,000	10,000	10,000	10,000	40,000
2720-004 - RAS #24 Pump and Motor Rebuild	3,500	3,500	3,500	3,500	14,000
2720-005 - RAS #4 Pump and Motor Rebuild	4,500	4,500	4,500	4,500	18,000
2720-006 - RAS #6 Pump and Motor Rebuild	4,500	4,500	4,500	4,500	18,000
2720-007 - RAS #66 Pump and Motor Rebuild	4,500	4,500	4,500	4,500	18,000
2720-008 - Replacement Recirc Pump	3,750	3,750	3,750	3,750	15,000
2720-009 - Check Valves	3,750	3,750	3,750	3,750	15,000
2720-010 - Replacement Hydrogritter	18,750	18,750	18,750	18,750	75,000
2720-011 - 3LP Strainer Replacement Project	7,500	7,500	7,500	7,500	30,000
2720-012 - Primary Tank Chain Drives	2,000	2,000	2,000	2,000	8,000
2720-013 - Headworks Roll Up Door Replacement	11,250	11,250	11,250	11,250	45,000
Total Liquids	79,000	79,000	79,000	79,000	316,000
Common					
2720-014 - Slip Line Storm Water Line	30,000	30,000	30,000	30,000	120,000
2720-015 - Safety Equipment	7,500	7,500	7,500	7,500	30,000
2720-016 - Shop Mordernization - Phase 2	3,750	3,750	3,750	3,750	15,000
Total Common	41,250	41,250	41,250	41,250	165,000
Solids					
2720-017 - Centrifuge Conveyor rehab	8,750	8,750	8,750	8,750	35,000
2720-018 - Engine PLC-CEMS Project	10,000	10,000	10,000	10,000	40,000
2720-019 - Check Valves	3,750	3,750	3,750	3,750	15,000
2720-020 - Recirculation Pump	3,750	3,750	3,750	3,750	15,000
2720-021 - Centrifuge Rebuild	7,500	7,500	7,500	7,500	30,000
2720-022 - Scrubber 3 Drain Replacement	5,000	5,000	5,000	5,000	20,000
2720-023 - Building Lighting Upgrades	11,250	11,250	11,250	11,250	45,000
2720-024 - Flame Arrestor	5,000	5,000	5,000	5,000	20,000
Total Solids	55,000	55,000	55,000	55,000	220,000
AWT					
2720-025 - Spare Bleach Pump Parts	3,750	3,750	3,750	3,750	15,000
2720-026 - Backwash Sand Interceptor Tank Project	2,500	2,500	2,500	2,500	10,000
2720-027 - Bleach Tank Flange Rehab	2,500	2,500	2,500	2,500	10,000
Total AWT	8,750	8,750	8,750	8,750	35,000
Total PC 17 Joint Regional Wastewater Reclamation	184,000	184,000	184,000	184,000	736,000
PC 24 Aliso Creek Ocean Outfall					
2620-001 - Fecal Incubator Replacement (between 5 and 24)	688	688	688	688	2,752
Total PC 24 Aliso Creek Ocean Outfall	688	688	688	688	2,752
FY 19-20 Small Capital Total	511,876	511,876	511,876	511,876	2,047,504

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2019-20

	CLB	CSC	CSJC	EBS	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	1,125,243	-	-	-	843,929	1,054,912	632,947	3,657,032
Common	-	-	266,563	-	-	-	196,069	214,263	200,401	877,296
Solids	-	-	1,430,174	-	-	-	1,030,756	953,450	1,352,868	4,767,248
Total PC 02 J B Latham	-	-	2,821,980	-	-	-	2,070,754	2,222,625	2,186,216	9,301,575
PC 15 Coastal Treatment Plant	-	-	-	-	-	-	-	-	-	-
Liquids	4,414,357	-	-	347,588	-	-	3,406,354	3,475,872	-	11,644,171
Total PC 15 Coastal Treatment Plant	4,414,357	-	-	347,588	-	-	3,406,354	3,475,872	-	11,644,171
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	7,917,017	-	-	7,917,017
Common	9,150	-	-	482	14,974	-	114,022	7,313	-	145,941
Solids	196,817	-	-	10,349	358,022	-	1,031,791	157,171	-	1,754,150
Total PC 17 Joint Regional Wastewater Reclamation	205,967	-	-	10,831	372,996	-	9,062,830	164,484	-	9,817,108
PC 21 Effluent Transmission Main										
Reach B/C/D	-	-	-	-	112,996	112,996	-	-	-	225,992
Reach E	-	-	-	-	24,146	24,146	55,382	-	-	103,674
Total PC 21 Effluent Transmission Main	-	-	-	-	137,142	137,142	55,382	-	-	329,666
PC 24 Aliso Creek Ocean Outfall	11,687	-	-	829	17,320	16,745	46,592	13,080	-	106,253
Total Large Capital Work Plan	4,632,011	-	2,821,980	359,248	527,457	153,887	14,641,912	5,876,061	2,186,216	31,198,772
Non-Capital Engineering Projects (Non-Operating O&M Expense)										
PC 02 J B Latham										
Liquids	-	-	96,361	-	-	-	72,270	90,339	54,203	313,173
Common	-	-	27,612	-	-	-	20,310	22,195	20,758	90,875
Solids	-	-	30,292	-	-	-	21,831	20,194	28,654	100,971
Total PC 02 J B Latham	-	-	154,265	-	-	-	114,411	132,728	103,615	505,019
PC 05 San Juan Creek Ocean Outfall	-	12,586	8,391	-	-	-	11,746	9,444	33,563	75,730
PC 15 Coastal Treatment Plant										
Liquids	36,464	-	-	2,871	-	-	28,137	28,712	-	96,184
Total PC 15 Coastal Treatment Plant	36,464	-	-	2,871	-	-	28,137	28,712	-	96,184
PC 17 Joint Regional Wastewater Reclamation										
Common	10,142	-	-	535	16,596	-	126,376	8,105	-	161,754
Total PC 17 Joint Regional Wastewater Reclamation	10,142	-	-	535	16,596	-	126,376	8,105	-	161,754
Total Non-Capital Engineering Work Plan	46,606	12,586	162,656	3,406	16,596	-	280,670	178,989	137,178	838,687

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2019-20

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Liquids	-	-	15,384	-	-	-	11,540	14,424	8,652	50,000
Common	-	-	15,649	-	-	-	11,509	12,577	11,765	51,500
Solids	-	-	22,500	-	-	-	16,216	15,000	21,284	75,000
Total PC 02 J B Latham	-	-	53,533	-	-	-	39,265	42,001	41,701	176,500
PC 05 San Juan Creek Ocean Outfall	-	1,703	1,135	-	-	-	1,588	1,280	4,544	10,250
PC 15 Coastal Treatment Plant										
Liquids	9,951	-	-	783	-	-	7,680	7,836	-	26,250
AWT	-	-	-	-	-	-	-	15,000	-	15,000
Total PC 15 Coastal Treatment Plant	9,951	-	-	783	-	-	7,680	22,836	-	41,250
PC 17 Joint Regional Wastewater Reclamation										
Solids	14,025	-	-	737	25,513	-	73,525	11,200	-	125,000
Common	3,229	-	-	169	5,285	-	40,237	2,580	-	51,500
Total PC 17 Joint Regional Wastewater Reclamation	17,254	-	-	906	30,798	-	113,762	13,780	-	176,500
PC 21 Effluent Transmission Main										
Reach B/C/D	-	-	-	-	2,625	2,625	-	-	-	5,250
Reach E	-	-	-	-	1,164	1,164	2,672	-	-	5,000
Total PC 21 Effluent Transmission Main	-	-	-	-	3,789	3,789	2,672	-	-	10,250
PC 24 - Aliso Creek Ocean Outfall	1,127	-	-	80	1,671	1,616	4,496	1,260	-	10,250
Total Non Capital Miscellaneous Engineering Work Plan	28,332	1,703	54,668	1,769	36,258	5,405	169,463	81,157	46,245	425,000
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	77,540	-	-	-	58,152	72,692	43,616	252,000
Common	-	-	64,568	-	-	-	47,492	51,900	48,540	212,500
Solids	-	-	66,152	-	-	-	47,672	44,100	62,576	220,500
Total PC 02 J B Latham	-	-	208,260	-	-	-	153,316	168,692	154,732	685,000
PC 05 San Juan Creek Ocean Outfall	-	456	304	-	-	-	428	344	1,220	2,752
PC 15 Coastal Treatment Plant										
Liquids	163,016	-	-	12,836	-	-	125,788	128,360	-	430,000
Common	57,244	-	-	4,508	-	-	44,172	45,076	-	151,000
AWT	-	-	-	-	-	-	-	40,000	-	40,000
Total PC 15 Coastal Treatment Plant	220,260	-	-	17,344	-	-	169,960	213,436	-	621,000
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	316,000	-	-	316,000
Common	10,360	-	-	544	16,928	-	128,900	8,268	-	165,000
Solids	24,684	-	-	1,300	44,888	-	129,416	19,712	-	220,000
AWT	-	-	-	-	-	-	35,000	-	-	35,000
Total PC 17 Joint Regional Wastewater Reclamation	35,044	-	-	1,844	61,816	-	609,316	27,980	-	736,000
PC 24 Aliso Creek Ocean Outfall	304	-	-	20	448	432	1,208	340	-	2,752
Total Small Internal Capital Work Plan	255,608	456	208,564	19,208	62,264	432	934,228	410,792	155,952	2,047,504

**South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2019-20**

	CLB	CSC	CSJC	EBS	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	1,314,528	-	-	-	985,891	1,232,367	739,418	4,272,204
Common	-	-	374,392	-	-	-	275,380	300,935	281,464	1,232,171
Solids	-	-	1,549,118	-	-	-	1,116,475	1,032,744	1,465,382	5,163,719
Total PC 02 J B Latham	-	-	3,238,038	-	-	-	2,377,746	2,566,046	2,486,264	10,668,094
PC 05 San Juan Creek Ocean Outfall	-	14,745	9,830	-	-	-	13,762	11,068	39,327	88,732
PC 15 Coastal Treatment Plant										
Liquids	4,623,788	-	-	364,078	-	-	3,567,959	3,640,780	-	12,196,605
Common	57,244	-	-	4,508	-	-	44,172	45,076	-	151,000
AWT	-	-	-	-	-	-	-	55,000	-	55,000
Total PC 15 Coastal Treatment Plant	4,681,032	-	-	368,586	-	-	3,612,131	3,740,856	-	12,402,605
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	8,233,017	-	-	8,233,017
Common	32,881	-	-	1,730	53,783	-	409,535	26,266	-	524,195
Solids	235,526	-	-	12,386	428,423	-	1,234,732	188,083	-	2,099,150
AWT	-	-	-	-	-	-	35,000	-	-	35,000
Total PC 17 Joint Regional Wastewater Reclamation	268,407	-	-	14,116	482,206	-	9,912,284	214,349	-	10,891,362
PC 21 Effluent Transmission Main										
Reach B/C/D	-	-	-	-	115,621	115,621	-	-	-	231,242
Reach E	-	-	-	-	25,310	25,310	58,054	-	-	108,674
Total PC 21 Effluent Transmission Main	-	-	-	-	140,931	140,931	58,054	-	-	339,916
PC 24 Aliso Creek Ocean Outfall	13,118	-	-	929	19,439	18,793	52,296	14,680	-	119,255
SOCWA Total Capital Work Plan	4,962,557	14,745	3,247,868	383,631	642,576	159,724	16,026,273	6,546,999	2,525,591	34,509,964

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2019-20
1st Quarter

Large Capital

PC 02 J B Latham

Liquids

Common

Solids

Total PC 02 J B Latham

PC 15 Coastal Treatment Plant

Liquids

Total PC 15 Coastal Treatment Plant

PC 17 Joint Regional Wastewater Reclamation

Liquids

Common

Solids

Total PC 17 Joint Regional Wastewater Reclamation

PC 21 Effluent Transmission Main

PC 24 Aliso Creek Ocean Outfall

Total Large Capital Work Plan

Non-Capital Engineering Projects (Non-Operating O&M)

PC 02 J B Latham

Liquids

Common

Solids

Total PC 02 J B Latham

PC 05 San Juan Creek Ocean Outfall

PC 15 Coastal Treatment Plant

Liquids

Total PC 15 Coastal Treatment Plant

PC 17 Joint Regional Wastewater Reclamation

Common

Total PC 17 Joint Regional Wastewater Reclamation

Total Non-Capital Engineering Work Plan

CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
-	-	187,890	-	-	-	140,915	176,144	105,686	610,635
-	-	44,510	-	-	-	32,739	35,777	33,462	146,488
-	-	255,596	-	-	-	184,214	170,398	241,781	851,989
-	-	487,996	-	-	-	357,868	382,319	380,929	1,609,112
983,128	-	-	77,412	-	-	758,635	774,118	-	2,593,293
983,128	-	-	77,412	-	-	758,635	774,118	-	2,593,293
-	-	-	-	-	-	1,598,773	-	-	1,598,773
9,150	-	-	482	14,974	-	114,022	7,313	-	145,941
58,312	-	-	3,066	106,071	-	305,687	46,565	-	519,701
67,462	-	-	3,548	121,045	-	2,018,482	53,878	-	2,264,415
-	-	-	-	45,992	45,993	22,207	-	-	114,192
5,855	-	-	415	8,677	8,389	23,342	6,553	-	53,231
1,056,445	-	487,996	81,375	175,714	54,382	3,180,534	1,216,868	380,929	6,634,243
-	-	10,919	-	-	-	8,189	10,237	6,142	35,487
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	10,919	-	-	-	8,189	10,237	6,142	35,487
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
23,063	-	-	1,816	-	-	17,797	18,160	-	60,836
23,063	-	-	1,816	-	-	17,797	18,160	-	60,836
-	-	-	-	-	-	-	-	-	-
2,861	-	-	151	4,681	-	35,647	2,286	-	45,626
2,861	-	-	151	4,681	-	35,647	2,286	-	45,626
25,924	-	10,919	1,967	4,681	-	61,633	30,683	6,142	141,949

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2019-20
1st Quarter

	CLB	CSC	CSJC	EBS	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Liquids	-	-	3,846	-	-	-	2,885	3,606	2,163	12,500
Common	-	-	3,912	-	-	-	2,877	3,144	2,941	12,875
Solids	-	-	5,625	-	-	-	4,054	3,750	5,321	18,750
Total PC 02 J B Latham	-	-	13,383	-	-	-	9,816	10,500	10,425	44,125
PC 05 San Juan Creek Ocean Outfall	-	426	284	-	-	-	397	320	1,136	2,563
PC 15 Coastal Treatment Plant										
Liquids	2,488	-	-	196	-	-	1,920	1,959	-	6,563
AWT	-	-	-	-	-	-	-	3,750	-	3,750
Total PC 15 Coastal Treatment Plant	2,488	-	-	196	-	-	1,920	5,709	-	10,313
PC 17 Joint Regional Wastewater Reclamation										
Solids	3,506	-	-	184	6,378	-	18,381	2,800	-	31,250
Common	807	-	-	42	1,321	-	10,059	645	-	12,875
Total PC 17 Joint Regional Wastewater Reclamation	4,314	-	-	227	7,700	-	28,441	3,445	-	44,125
PC 21 Effluent Transmission Main										
Reach B/C/D	-	-	-	-	656	656	-	-	-	1,313
Reach E	-	-	-	-	291	291	668	-	-	1,250
Total PC 21 Effluent Transmission Main	-	-	-	-	947	947	668	-	-	2,563
PC 24 - Aliso Creek Ocean Outfall	282	-	-	20	418	404	1,124	315	-	2,563
Total Non Capital Miscellaneous Engineering Work	7,083	426	13,667	442	9,065	1,351	42,366	20,289	11,561	106,250
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	19,385	-	-	-	14,538	18,173	10,904	63,000
Common	-	-	16,142	-	-	-	11,873	12,975	12,135	53,125
Solids	-	-	16,538	-	-	-	11,918	11,025	15,644	55,125
Total PC 02 J B Latham	-	-	52,065	-	-	-	38,329	42,173	38,683	171,250
PC 05 San Juan Creek Ocean Outfall	-	114	76	-	-	-	107	86	305	688
PC 15 Coastal Treatment Plant										
Liquids	40,754	-	-	3,209	-	-	31,447	32,090	-	107,500
Common	14,311	-	-	1,127	-	-	11,043	11,269	-	37,750
AWT	-	-	-	-	-	-	-	10,000	-	10,000
Total PC 15 Coastal Treatment Plant	55,065	-	-	4,336	-	-	42,490	53,359	-	155,250
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	79,000	-	-	79,000
Common	2,590	-	-	136	4,232	-	32,225	2,067	-	41,250
Solids	6,171	-	-	325	11,222	-	32,354	4,928	-	55,000
AWT	-	-	-	-	-	-	8,750	-	-	8,750
Total PC 17 Joint Regional Wastewater Reclamation	8,761	-	-	461	15,454	-	152,329	6,995	-	184,000
PC 24 Aliso Creek Ocean Outfall	76	-	-	5	112	108	302	85	-	688
Total Small Internal Capital Work Plan	63,902	114	52,141	4,802	15,566	108	233,557	102,698	38,988	511,876

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2019-20
1st Quarter

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	222,040	-	-	-	166,527	208,160	124,895	721,622
Common	-	-	64,564	-	-	-	47,489	51,896	48,538	212,488
Solids	-	-	277,759	-	-	-	200,186	185,173	262,746	925,864
Total PC 02 J B Latham	-	-	564,363	-	-	-	414,202	445,229	436,179	1,859,974
PC 05 San Juan Creek Ocean Outfall	-	540	360	-	-	-	504	406	1,441	3,251
PC 15 Coastal Treatment Plant										
Liquids	1,049,433	-	-	82,633	-	-	809,799	826,327	-	2,768,192
Common	14,311	-	-	1,127	-	-	11,043	11,269	-	37,750
AWT	-	-	-	-	-	-	-	13,750	-	13,750
Total PC 15 Coastal Treatment Plant	1,063,744	-	-	83,760	-	-	820,842	851,346	-	2,819,692
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	1,677,773	-	-	1,677,773
Common	15,408	-	-	811	25,208	-	191,953	12,311	-	245,692
Solids	67,989	-	-	3,575	123,671	-	356,422	54,293	-	605,951
AWT	-	-	-	-	-	-	8,750	-	-	8,750
Total PC 17 Joint Regional Wastewater Reclamation	83,398	-	-	4,387	148,880	-	2,234,899	66,604	-	2,538,166
PC 21 Effluent Transmission Main	-	-	-	-	46,939	46,940	22,875	-	-	116,755
PC 24 Aliso Creek Ocean Outfall	6,213	-	-	440	9,207	8,901	24,768	6,953	-	56,482
SOCWA Total Capital Work Plan	1,153,354	540	564,723	88,586	205,026	55,841	3,518,090	1,370,538	437,620	7,394,318

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2019-20
2nd Quarter

Large Capital

PC 02 J B Latham

Liquids

Common

Solids

Total PC 02 J B Latham

PC 15 Coastal Treatment Plant

Liquids

Total PC 15 Coastal Treatment Plant

PC 17 Joint Regional Wastewater Reclamation

Liquids

Common

Solids

Total PC 17 Joint Regional Wastewater Reclamation

PC 21 Effluent Transmission Main

PC 24 Aliso Creek Ocean Outfall

Total Large Capital Work Plan

Non-Capital Engineering Projects (Non-Operating O&M)

PC 02 J B Latham

Liquids

Common

Solids

Total PC 02 J B Latham

PC 05 San Juan Creek Ocean Outfall

PC 15 Coastal Treatment Plant

Liquids

Total PC 15 Coastal Treatment Plant

PC 17 Joint Regional Wastewater Reclamation

Common

Total PC 17 Joint Regional Wastewater Reclamation

Total Non-Capital Engineering Work Plan

CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
-	-	280,724	-	-	-	210,543	263,179	157,907	912,353
-	-	66,502	-	-	-	48,915	53,454	49,996	218,867
-	-	356,781	-	-	-	257,139	237,854	337,495	1,189,269
-	-	704,007	-	-	-	516,597	554,487	545,398	2,320,489
1,203,388	-	-	94,755	-	-	928,598	947,549	-	3,174,290
1,203,388	-	-	94,755	-	-	928,598	947,549	-	3,174,290
-	-	-	-	-	-	2,932,370	-	-	2,932,370
-	-	-	-	-	-	-	-	-	-
54,462	-	-	2,864	99,070	-	285,513	43,492	-	485,401
54,462	-	-	2,864	99,070	-	3,217,883	43,492	-	3,417,771
-	-	-	-	45,813	45,813	22,120	-	-	113,746
5,832	-	-	414	8,643	8,356	23,250	6,527	-	53,022
1,263,682	-	704,007	98,033	153,526	54,169	4,708,448	1,552,055	545,398	9,079,318
-	-	50,497	-	-	-	37,873	47,341	28,405	164,116
-	-	13,809	-	-	-	10,157	11,100	10,381	45,447
-	-	15,149	-	-	-	10,918	10,099	14,330	50,496
-	-	79,455	-	-	-	58,948	68,540	53,116	260,059
-	6,294	4,196	-	-	-	5,875	4,723	16,785	37,873
13,401	-	-	1,055	-	-	10,340	10,552	-	35,348
13,401	-	-	1,055	-	-	10,340	10,552	-	35,348
5,066	-	-	267	8,290	-	63,123	4,049	-	80,795
5,066	-	-	267	8,290	-	63,123	4,049	-	80,795
18,467	6,294	83,651	1,322	8,290	-	138,286	87,864	69,901	414,075

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2019-20
2nd Quarter

	CLB	CSC	CSJC	EBS	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Liquids	-	-	3,846	-	-	-	2,885	3,606	2,163	12,500
Common	-	-	3,912	-	-	-	2,877	3,144	2,941	12,875
Solids	-	-	5,625	-	-	-	4,054	3,750	5,321	18,750
Total PC 02 J B Latham	-	-	13,383	-	-	-	9,816	10,500	10,425	44,125
PC 05 San Juan Creek Ocean Outfall	-	426	284	-	-	-	397	320	1,136	2,563
PC 15 Coastal Treatment Plant										
Liquids	2,488	-	-	196	-	-	1,920	1,959	-	6,563
AWT	-	-	-	-	-	-	-	3,750	-	3,750
Total PC 15 Coastal Treatment Plant	2,488	-	-	196	-	-	1,920	5,709	-	10,313
PC 17 Joint Regional Wastewater Reclamation										
Solids	3,506	-	-	184	6,378	-	18,381	2,800	-	31,250
Common	807	-	-	42	1,321	-	10,059	645	-	12,875
Total PC 17 Joint Regional Wastewater Reclamation	4,314	-	-	227	7,700	-	28,441	3,445	-	44,125
PC 21 Effluent Transmission Main										
Reach B/C/D	-	-	-	-	656	656	-	-	-	1,313
Reach E	-	-	-	-	291	291	668	-	-	1,250
Total PC 21 Effluent Transmission Main	-	-	-	-	947	947	668	-	-	2,563
PC 24 - Aliso Creek Ocean Outfall	282	-	-	20	418	404	1,124	315	-	2,563
Total Non Capital Miscellaneous Engineering Work	7,083	426	13,667	442	9,065	1,351	42,366	20,289	11,561	106,250
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	19,385	-	-	-	14,538	18,173	10,904	63,000
Common	-	-	16,142	-	-	-	11,873	12,975	12,135	53,125
Solids	-	-	16,538	-	-	-	11,918	11,025	15,644	55,125
Total PC 02 J B Latham	-	-	52,065	-	-	-	38,329	42,173	38,683	171,250
PC 05 San Juan Creek Ocean Outfall	-	114	76	-	-	-	107	86	305	688
PC 15 Coastal Treatment Plant										
Liquids	40,754	-	-	3,209	-	-	31,447	32,090	-	107,500
Common	14,311	-	-	1,127	-	-	11,043	11,269	-	37,750
AWT	-	-	-	-	-	-	-	10,000	-	10,000
Total PC 15 Coastal Treatment Plant	55,065	-	-	4,336	-	-	42,490	53,359	-	155,250
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	79,000	-	-	79,000
Common	2,590	-	-	136	4,232	-	32,225	2,067	-	41,250
Solids	6,171	-	-	325	11,222	-	32,354	4,928	-	55,000
AWT	-	-	-	-	-	-	8,750	-	-	8,750
Total PC 17 Joint Regional Wastewater Reclamation	8,761	-	-	461	15,454	-	152,329	6,995	-	184,000
PC 24 Aliso Creek Ocean Outfall	76	-	-	5	112	108	302	85	-	688
Total Small Internal Capital Work Plan	63,902	114	52,141	4,802	15,566	108	233,557	102,698	38,988	511,876

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2019-20
2nd Quarter

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	354,452	-	-	-	265,839	313,363	218,315	1,151,969
Common	-	-	100,365	-	-	-	73,822	79,954	76,172	330,314
Solids	-	-	394,093	-	-	-	284,029	266,959	368,559	1,313,640
Total PC 02 J B Latham	-	-	848,910	-	-	-	623,690	660,276	663,046	2,795,923
PC 05 San Juan Creek Ocean Outfall	-	6,834	4,556	-	-	-	6,379	5,129	18,226	41,124
PC 15 Coastal Treatment Plant										
Liquids	1,260,031	-	-	99,215	-	-	972,305	992,150	-	3,323,701
Common	14,311	-	-	1,127	-	-	11,043	11,269	-	37,750
AWT	-	-	-	-	-	-	-	13,750	-	13,750
Total PC 15 Coastal Treatment Plant	1,274,342	-	-	100,342	-	-	983,348	1,017,169	-	3,375,201
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	3,011,370	-	-	3,011,370
Common	8,463	-	-	445	13,843	-	105,407	6,761	-	134,920
Solids	64,139	-	-	3,373	116,670	-	336,248	51,220	-	571,651
AWT	-	-	-	-	-	-	8,750	-	-	8,750
Total PC 17 Joint Regional Wastewater Reclamation	72,603	-	-	3,819	130,514	-	3,461,776	57,981	-	3,726,691
PC 21 Effluent Transmission Main	-	-	-	-	46,760	46,760	22,788	-	-	116,309
PC 24 Aliso Creek Ocean Outfall	6,190	-	-	439	9,173	8,868	24,676	6,927	-	56,273
SOCWA Total Capital Work Plan	1,353,134	6,834	853,466	104,599	186,447	55,628	5,122,657	1,747,482	681,272	10,111,519

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2019-20
3rd Quarter

Large Capital

PC 02 J B Latham

Liquids

Common

Solids

Total PC 02 J B Latham

PC 15 Coastal Treatment Plant

Liquids

Total PC 15 Coastal Treatment Plant

PC 17 Joint Regional Wastewater Reclamation

Liquids

Common

Solids

Total PC 17 Joint Regional Wastewater Reclamation

PC 21 Effluent Transmission Main

PC 24 Aliso Creek Ocean Outfall

Total Large Capital Work Plan

Non-Capital Engineering Projects (Non-Operating O&M)

PC 02 J B Latham

Liquids

Common

Solids

Total PC 02 J B Latham

PC 05 San Juan Creek Ocean Outfall

PC 15 Coastal Treatment Plant

Liquids

Total PC 15 Coastal Treatment Plant

PC 17 Joint Regional Wastewater Reclamation

Common

Total PC 17 Joint Regional Wastewater Reclamation

Total Non-Capital Engineering Work Plan

CLB	CSC	CSJC	EBS	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
-	-	374,139	-	-	-	280,604	350,755	210,453	1,215,951
-	-	88,631	-	-	-	65,192	71,242	66,633	291,698
-	-	458,772	-	-	-	330,646	305,848	433,974	1,529,240
-	-	921,542	-	-	-	676,442	727,845	711,060	3,036,889
1,392,058	-	-	109,611	-	-	1,074,186	1,096,108	-	3,671,963
1,392,058	-	-	109,611	-	-	1,074,186	1,096,108	-	3,671,963
-	-	-	-	-	-	2,487,409	-	-	2,487,409
-	-	-	-	-	-	-	-	-	-
44,253	-	-	2,327	80,500	-	231,994	35,339	-	394,413
44,253	-	-	2,327	80,500	-	2,719,403	35,339	-	2,881,822
-	-	-	-	25,010	25,010	11,055	-	-	61,075
-	-	-	-	-	-	-	-	-	-
1,436,311	-	921,542	111,938	105,510	25,010	4,481,086	1,859,292	711,060	9,651,749
-	-	34,945	-	-	-	26,208	32,761	19,656	113,570
-	-	13,803	-	-	-	10,153	11,095	10,377	45,428
-	-	15,143	-	-	-	10,913	10,095	14,324	50,475
-	-	63,891	-	-	-	47,274	53,951	44,357	209,473
-	6,292	4,195	-	-	-	5,871	4,721	16,778	37,857
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-
2,215	-	-	117	3,625	-	27,606	1,770	-	35,333
2,215	-	-	117	3,625	-	27,606	1,770	-	35,333
2,215	6,292	68,086	117	3,625	-	80,751	60,442	61,135	282,663

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2019-20

3rd Quarter

	CLB	CSC	CSJC	EBS	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Liquids	-	-	3,846	-	-	-	2,885	3,606	2,163	12,500
Common	-	-	3,912	-	-	-	2,877	3,144	2,941	12,875
Solids	-	-	5,625	-	-	-	4,054	3,750	5,321	18,750
Total PC 02 J B Latham	-	-	13,383	-	-	-	9,816	10,500	10,425	44,125
PC 05 San Juan Creek Ocean Outfall	-	426	284	-	-	-	397	320	1,136	2,563
PC 15 Coastal Treatment Plant										
Liquids	2,488	-	-	196	-	-	1,920	1,959	-	6,563
AWT	-	-	-	-	-	-	-	3,750	-	3,750
Total PC 15 Coastal Treatment Plant	2,488	-	-	196	-	-	1,920	5,709	-	10,313
PC 17 Joint Regional Wastewater Reclamation										
Solids	3,506	-	-	184	6,378	-	18,381	2,800	-	31,250
Common	807	-	-	42	1,321	-	10,059	645	-	12,875
Total PC 17 Joint Regional Wastewater Reclamation	4,314	-	-	227	7,700	-	28,441	3,445	-	44,125
PC 21 Effluent Transmission Main										
Reach B/C/D	-	-	-	-	656	656	-	-	-	1,313
Reach E	-	-	-	-	291	291	668	-	-	1,250
Total PC 21 Effluent Transmission Main	-	-	-	-	947	947	668	-	-	2,563
PC 24 - Aliso Creek Ocean Outfall	282	-	-	20	418	404	1,124	315	-	2,563
Total Non Capital Miscellaneous Engineering Work	7,083	426	13,667	442	9,065	1,351	42,366	20,289	11,561	106,250
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	19,385	-	-	-	14,538	18,173	10,904	63,000
Common	-	-	16,142	-	-	-	11,873	12,975	12,135	53,125
Solids	-	-	16,538	-	-	-	11,918	11,025	15,644	55,125
Total PC 02 J B Latham	-	-	52,065	-	-	-	38,329	42,173	38,683	171,250
PC 05 San Juan Creek Ocean Outfall	-	114	76	-	-	-	107	86	305	688
PC 15 Coastal Treatment Plant										
Liquids	40,754	-	-	3,209	-	-	31,447	32,090	-	107,500
Common	14,311	-	-	1,127	-	-	11,043	11,269	-	37,750
AWT	-	-	-	-	-	-	-	10,000	-	10,000
Total PC 15 Coastal Treatment Plant	55,065	-	-	4,336	-	-	42,490	53,359	-	155,250
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	79,000	-	-	79,000
Common	2,590	-	-	136	4,232	-	32,225	2,067	-	41,250
Solids	6,171	-	-	325	11,222	-	32,354	4,928	-	55,000
AWT	-	-	-	-	-	-	8,750	-	-	8,750
Total PC 17 Joint Regional Wastewater Reclamation	8,761	-	-	461	15,454	-	152,329	6,995	-	184,000
PC 24 Aliso Creek Ocean Outfall	76	-	-	5	112	108	302	85	-	688
Total Small Internal Capital Work Plan	63,902	114	52,141	4,802	15,566	108	233,557	102,698	38,988	511,876

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2019-20
3rd Quarter

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	432,315	-	-	-	324,235	392,190	256,281	1,405,021
Common	-	-	122,488	-	-	-	90,095	97,738	92,804	403,126
Solids	-	-	496,078	-	-	-	357,531	334,947	465,034	1,653,590
Total PC 02 J B Latham	-	-	1,050,881	-	-	-	771,861	824,875	814,119	3,461,737
PC 05 San Juan Creek Ocean Outfall	-	6,832	4,555	-	-	-	6,375	5,127	18,219	41,108
PC 15 Coastal Treatment Plant										
Liquids	1,435,300	-	-	113,016	-	-	1,107,553	1,130,157	-	3,786,026
Common	14,311	-	-	1,127	-	-	11,043	11,269	-	37,750
AWT	-	-	-	-	-	-	-	13,750	-	13,750
Total PC 15 Coastal Treatment Plant	1,449,611	-	-	114,143	-	-	1,118,596	1,155,176	-	3,837,526
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	2,566,409	-	-	2,566,409
Common	5,612	-	-	295	9,178	-	69,890	4,482	-	89,458
Solids	53,930	-	-	2,836	98,100	-	282,729	43,067	-	480,663
AWT	-	-	-	-	-	-	8,750	-	-	8,750
Total PC 17 Joint Regional Wastewater Reclamation	59,543	-	-	3,132	107,279	-	2,927,779	47,549	-	3,145,280
PC 21 Effluent Transmission Main	-	-	-	-	25,957	25,957	11,723	-	-	63,638
PC 24 Aliso Creek Ocean Outfall	358	-	-	25	530	512	1,426	400	-	3,251
SOCWA Total Capital Work Plan	1,509,511	6,832	1,055,436	117,299	133,766	26,469	4,837,760	2,033,127	832,338	10,552,538

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2019-20
4th Quarter

[illegible]

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2019-20
4th Quarter

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Non Capital Miscellaneous Engineering (Non-Operating O&M Expense)										
PC 02 J B Latham										
Liquids	-	-	3,846	-	-	-	2,885	3,606	2,163	12,500
Common	-	-	3,912	-	-	-	2,877	3,144	2,941	12,875
Solids	-	-	5,625	-	-	-	4,054	3,750	5,321	18,750
Total PC 02 J B Latham	-	-	13,383	-	-	-	9,816	10,500	10,425	44,125
PC 05 San Juan Creek Ocean Outfall	-	426	284	-	-	-	397	320	1,136	2,563
PC 15 Coastal Treatment Plant										
Liquids	2,488	-	-	196	-	-	1,920	1,959	-	6,563
AWT	-	-	-	-	-	-	-	3,750	-	3,750
Total PC 15 Coastal Treatment Plant	2,488	-	-	196	-	-	1,920	5,709	-	10,313
PC 17 Joint Regional Wastewater Reclamation										
Solids	3,506	-	-	184	6,378	-	18,381	2,800	-	31,250
Common	807	-	-	42	1,321	-	10,059	645	-	12,875
Total PC 17 Joint Regional Wastewater Reclamation	4,314	-	-	227	7,700	-	28,441	3,445	-	44,125
PC 21 Effluent Transmission Main										
Reach B/C/D	-	-	-	-	656	656	-	-	-	1,313
Reach E	-	-	-	-	291	291	668	-	-	1,250
Total PC 21 Effluent Transmission Main	-	-	-	-	947	947	668	-	-	2,563
PC 24 - Aliso Creek Ocean Outfall	282	-	-	20	418	404	1,124	315	-	2,563
Total Non Capital Miscellaneous Engineering Work	7,083	426	13,667	442	9,065	1,351	42,366	20,289	11,561	106,250
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	19,385	-	-	-	14,538	18,173	10,904	63,000
Common	-	-	16,142	-	-	-	11,873	12,975	12,135	53,125
Solids	-	-	16,538	-	-	-	11,918	11,025	15,644	55,125
Total PC 02 J B Latham	-	-	52,065	-	-	-	38,329	42,173	38,683	171,250
PC 05 San Juan Creek Ocean Outfall	-	114	76	-	-	-	107	86	305	688
PC 15 Coastal Treatment Plant										
Liquids	40,754	-	-	3,209	-	-	31,447	32,090	-	107,500
Common	14,311	-	-	1,127	-	-	11,043	11,269	-	37,750
AWT	-	-	-	-	-	-	-	10,000	-	10,000
Total PC 15 Coastal Treatment Plant	55,065	-	-	4,336	-	-	42,490	53,359	-	155,250
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	79,000	-	-	79,000
Common	2,590	-	-	136	4,232	-	32,225	2,067	-	41,250
Solids	6,171	-	-	325	11,222	-	32,354	4,928	-	55,000
AWT	-	-	-	-	-	-	8,750	-	-	8,750
Total PC 17 Joint Regional Wastewater Reclamation	8,761	-	-	461	15,454	-	152,329	6,995	-	184,000
PC 24 Aliso Creek Ocean Outfall	76	-	-	5	112	108	302	85	-	688
Total Small Internal Capital Work Plan	63,902	114	52,141	4,802	15,566	108	233,557	102,698	38,988	511,876

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2019-20
4th Quarter

	CLB	CSC	CSJC	EBS	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	305,721	-	-	-	229,290	286,613	171,968	993,592
Common	-	-	86,974	-	-	-	63,973	69,909	65,386	286,243
Solids	-	-	381,188	-	-	-	274,729	254,125	360,583	1,270,625
Total PC 02 J B Latham	-	-	773,883	-	-	-	567,992	610,647	597,937	2,550,460
PC 05 San Juan Creek Ocean Outfall	-	540	360	-	-	-	504	406	1,441	3,251
PC 15 Coastal Treatment Plant										
Liquids	879,025	-	-	69,215	-	-	678,302	692,146	-	2,318,688
Common	14,311	-	-	1,127	-	-	11,043	11,269	-	37,750
AWT	-	-	-	-	-	-	-	13,750	-	13,750
Total PC 15 Coastal Treatment Plant	893,336	-	-	70,342	-	-	689,345	717,165	-	2,370,188
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	977,465	-	-	977,465
Common	3,397	-	-	178	5,553	-	42,284	2,712	-	54,125
Solids	49,467	-	-	2,601	89,981	-	259,332	39,503	-	440,885
AWT	-	-	-	-	-	-	8,750	-	-	8,750
Total PC 17 Joint Regional Wastewater Reclamation	52,865	-	-	2,780	95,535	-	1,287,832	42,215	-	1,481,225
PC 21 Effluent Transmission Main	-	-	-	-	21,273	21,273	668	-	-	43,215
PC 24 Aliso Creek Ocean Outfall	358	-	-	25	530	512	1,426	400	-	3,251
SOCWA Total Capital Work Plan	946,558	540	774,243	73,146	117,338	21,785	2,547,767	1,370,833	599,378	6,451,588

South Orange County Wastewater Authority
Large Capital Projects Scheduled for FY 2020-21
(Small Capital Not Included)

1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan	Project Life Budget
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PC 02 J B Latham
Liquids

3285-000 - Main Plant Drain Line Reconstruction (2018)	139,488	139,432	-	-	278,920	278,920
3227-000 - Package ""D"" Design (2021)	76,085	76,054	76,384	76,787	305,310	305,310
3220-000 - Facility Improvements B - Basin Upgrades Construction	1,400,843	1,400,278	703,174	235,630	3,739,925	3,739,925

Total Liquids

1,616,416	1,615,764	779,558	312,417	4,324,155	4,324,155
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Common

3229-000 - Drainage Pump Station Reconstruction (2021)	17,753	-	80,203	80,627	178,583	178,583
3231-000 - Facility Improvements B - Common Upgrades Constructi	219,847	219,758	110,355	36,980	586,940	586,940

Total Common

237,600	219,758	190,558	117,607	765,523	765,523
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Solids

3234-000 - Centrate Piping Reconstruction (2021)	99,417	99,377	-	-	198,794	198,794
3235-000 - Package ""D"" Design (2021)	228,254	228,162	229,151	230,361	915,928	915,928
3287-000 - Facility Improvements B - Solids Upgrades Construction	1,530,253	1,529,635	768,134	257,397	4,085,419	4,085,419

Total Solids

1,857,924	1,857,174	997,285	487,758	5,200,141	5,200,141
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Total PC 02 J B Latham

3,711,940	3,692,696	1,967,401	917,782	10,289,819	10,289,819
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South Orange County Wastewater Authority
Large Capital Projects Scheduled for FY 2020-21
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan	Project Life Budget
PC 05 San Juan Creek Ocean Outfall						
3605-000 - Junction Structure Reinforcement Permitting and Final	104,057	-	-	-	104,057	206,631
3606-000 - Junction Struction - Sleeve Insertion (2021)	-	-	191,814	192,828	384,642	384,642
Total PC 05 San Juan Creek Ocean Outfall	104,057	-	191,814	192,828	488,699	591,273
PC 15 Coastal Treatment Plant Liquids						
3542-000 - South Embankment Protection (2021)	52,245	-	52,450	-	104,695	104,695
3543-000 - Export Sludge Pipeline Replacement at RTP (2021)	-	70,578	-	-	70,578	349,041
3544-000 - Aeration Upgrade Construction - Part I (2021)	-	519,701	782,932	1,049,424	2,352,057	2,352,057
3545-000 - Facility Improvements Construction - Part III (2021)	1,747,190	1,746,485	877,028	293,887	4,664,590	4,664,590
Total Liquids	1,799,435	2,336,764	1,712,410	1,343,311	7,191,920	7,470,383
AWT						
3546-000 - Chlorine Contact Basin Gates (2021)	47,680	-	191,468	-	239,148	239,148
Total AWT	47,680	-	191,468	-	239,148	239,148
Total PC 15 Coastal Treatment Plant	1,847,115	2,336,764	1,903,878	1,343,311	7,431,068	7,709,531

South Orange County Wastewater Authority
Large Capital Projects Scheduled for FY 2020-21
(Small Capital Not Included)

PC 17 Joint Regional Wastewater Reclamation
Liquids

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan	Project Life Budget
3774-000 - MCC A, C, G, H Replacement (Liquids) (2021)	-	-	-	250,742	250,742	984,190
3775-000 - Aeration Handrail Upgrade (2021)	15,292	-	69,087	69,452	153,831	153,831
3776-000 - Effluent Pond Gate Replacement (2021)	110,493	-	-	139,392	249,885	249,885
3777-000 - Site Lighting Upgrade Basins (2021)	64,337	-	290,655	292,190	647,182	647,182
Total Liquids	190,122	-	359,742	751,776	1,301,640	2,035,088

Common

37002-000 - West Slope Protection (2020)	-	-	91,660	92,145	183,805	183,805
37003-000 - Admin. Bldg. Door and Window Repair (2020)	-	-	66,199	66,549	132,748	132,748
3778-000 - Site Lighting Upgrade - Common (2021)	44,757	-	202,198	203,267	450,222	450,222
3779-000 - MCC A, C, G, H Replacement (Common) (2021)	-	-	-	158,144	158,144	620,735
Total Common	44,757	-	360,057	520,105	924,919	1,387,510

Solids

37001-000 - MCC A, C, G, H Replacement (Solids) (2021)	-	-	-	111,325	111,325	436,964
Total Solids	-	-	-	111,325	111,325	436,964
Total PC 17 Joint Regional Wastewater Reclamation	234,879	-	719,799	1,383,206	2,337,884	3,859,562

South Orange County Wastewater Authority
Large Capital Projects Scheduled for FY 2020-21
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan	Project Life Budget
PC 21 Effluent Transmission Main						
3107-000 - Air Valve Replacement Construction (D) (2021)	111,438	111,394	-	-	222,832	222,832
3108-000 - Air Valve Replacement Construction (E) (2021)	180,675	180,603	-	-	361,278	361,278
3109-000 - Trail Bridge Crossing (D) (2021)	-	-	-	104,635	104,635	1,023,096
Total PC 21 Effluent Transmission Main	292,113	291,997	-	104,635	688,745	1,607,206
FY 20-21 Total Work Plan	6,190,104	6,321,457	4,782,892	3,941,762	21,236,215	24,057,391

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

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan	Project Life Budget
PC 02 J B Latham						
Liquids						
4205-000 - Influent Flow Metering Evaluation (2021)	-	-	50,922	-	50,922	50,922
4206-000 - Plant 1 Grit Handling Evaluation (2021)	-	50,703	-	-	50,703	50,703
4207-000 - Chlorine Contact Basin/Effluent PS Condition Assessmer	-	-	66,199	-	66,199	66,199
4208-000 - Dana Point Influent Sewer Condition Assessment (2021)	65,940	-	-	-	65,940	65,940
4209-000 - Plant 1 Influent Sewer Condition Assessment (2021)	86,229	-	-	-	86,229	86,229
4210-000 - Plant 1 Bypass Sewer Condition Assessment (2021)	40,578	-	-	-	40,578	40,578
Total Liquids	192,747	50,703	117,121	-	360,571	360,572
Common						
4211-000 - Site Storage Evaluation (2021)	-	30,422	30,553	-	60,975	60,975
4212-000 - Buried Utility Master Plan (2021)	-	76,054	76,384	-	152,438	152,438
4213-000 - Electrical Conduit and Cable Master Plan (2021)	-	30,422	30,553	-	60,975	60,975
Total Common	-	136,898	137,490	-	274,388	274,388
Total PC 02 J B Latham	192,747	187,601	254,611	-	634,959	634,959
PC 05 San Juan Creek Ocean Outfall						
4602-000 - Landfall Condition Assessment (2021)	-	52,325	-	-	52,325	52,326
Total PC 05 San Juan Creek Ocean Outfall	-	52,325	-	-	52,325	52,326
PC 15 Coastal Treatment Plant						
Liquids						
4503-000 - Storage Evaluation (2021)	30,434	-	-	-	30,434	30,435
Total Liquids	30,434	-	-	-	30,434	30,434
Total PC 15 Coastal Treatment Plant	30,434	-	-	-	30,434	30,434
PC 17 Joint Regional Wastewater Reclamation						
Liquids						
4701-000 - Interstage Pump Station Condition Assessment (2021)	52,346	-	-	-	52,346	52,347
Total Liquids	52,346	-	-	-	52,346	52,347
Common						
4702-000 - Site Storage Evaluation (2021)	-	40,562	40,738	-	81,300	81,301
Total Common	-	40,562	40,738	-	81,300	81,300
Total PC 17 Joint Regional Wastewater Reclamation	52,346	40,562	40,738	-	133,646	133,646
PC 24 Aliso Creek Ocean Outfall						
4401-000 - Creek Section Pipeline Replacement Estimate Update (2021)	-	50,703	-	-	50,703	50,704
Total PC 24 Aliso Creek Ocean Outfall	-	50,703	-	-	50,703	50,703
FY 20-21 Total Work Plan	275,527	331,191	295,349	-	902,067	902,067

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

	CLB	CSC	CSJC	EBS	ETWD	IRWD	MNWD	SMWD	SCWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	1,330,509	-	-	-	997,882	748,411	1,247,352	4,324,155
Common	-	-	232,601	-	-	-	171,089	174,869	186,964	765,523
Solids	-	-	1,560,042	-	-	-	1,124,355	1,475,716	1,040,028	5,200,141
Total PC 02 J B Latham	-	-	3,123,153	-	-	-	2,293,326	2,398,996	2,474,345	10,289,819
PC 05 San Juan Creek Ocean Outfall	-	81,222	54,148	-	-	-	75,797	216,591	60,941	488,699
PC 15 Coastal Treatment Plant										
Liquids	2,726,489	-	-	-	214,684	-	2,103,905	-	2,146,842	7,191,920
AWT	-	-	-	-	-	-	-	-	239,148	239,148
Total PC 15 Coastal Treatment Plant	2,726,489	-	-	-	214,684	-	2,103,905	-	2,385,990	7,431,068
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	1,301,640	-	-	1,301,640
Common	57,992	-	-	94,897	3,052	-	722,631	-	46,346	924,919
Solids	12,491	-	-	22,721	657	-	65,481	-	9,975	111,325
Total PC 17 Joint Regional Wastewater Reclamation	70,483	-	-	117,618	3,709	-	2,089,753	-	56,321	2,337,884
PC 21 Effluent Transmission Main	-	-	-	344,373	-	344,373	-	-	-	688,745
Total Large Capital Work Plan	2,796,972	81,222	3,177,301	461,991	218,393	344,373	6,562,780	2,615,587	4,977,597	21,236,215
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 02 J B Latham										
Liquids	-	-	110,945	-	-	-	83,209	62,407	104,011	360,571
Common	-	-	83,371	-	-	-	61,323	62,678	67,014	274,387
Solids	-	-	-	-	-	-	-	-	-	-
Total PC 02 J B Latham	-	-	194,316	-	-	-	144,532	125,085	171,025	634,958
PC 05 San Juan Creek Ocean Outfall	-	8,697	5,798	-	-	-	8,116	23,191	6,525	52,326
PC 15 Coastal Treatment Plant										
Liquids	11,538	-	-	-	908	-	8,903	-	9,085	30,434
Total PC 15 Coastal Treatment Plant	11,538	-	-	-	908	-	8,903	-	9,085	30,434
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	52,347	-	-	52,347
Common	5,098	-	-	8,341	268	-	63,519	-	4,074	81,300
Total PC 17 Joint Regional Wastewater Reclamation	5,098	-	-	8,341	268	-	115,866	-	4,074	133,647
PC 24 Aliso Creek Ocean Outfall	5,577	-	-	8,264	395	7,991	22,233	-	6,241	50,702
Total Non-Capital Engineering Work Plan	22,212	8,697	200,114	16,606	1,572	7,991	299,650	148,276	196,950	902,067

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

	CLB	CSC	CSJC	EBS	ETWD	IRWD	MNWD	SMWD	SCWD	TOTAL
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	74,520	-	-	-	55,890	41,918	69,863	242,191
Common	-	-	78,620	-	-	-	57,829	59,107	63,195	258,751
Solids	-	-	84,146	-	-	-	60,645	79,597	56,097	280,485
Total PC 02 J B Latham	-	-	237,286	-	-	-	174,364	180,622	189,155	781,426
PC 15 Coastal Treatment Plant										
Liquids	215,710	-	-	-	16,986	-	166,455	-	169,851	569,002
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	-	65,000	65,000
Total PC 15 Coastal Treatment Plant	215,710	-	-	-	16,986	-	166,455	-	234,851	634,002
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	202,354	-	-	202,354
Common	18,030	-	-	29,503	949	-	224,666	-	14,409	287,557
Solids	20,613	-	-	37,497	1,084	-	108,062	-	16,461	183,717
Total PC 17 Joint Regional Wastewater Reclamation	38,643	-	-	67,000	2,033	-	535,082	-	30,870	673,628
Total Small Internal Capital Work Plan	254,353	-	237,286	67,000	19,019	-	875,901	180,622	454,876	2,089,057
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	1,515,974	-	-	-	1,136,981	852,735	1,421,226	4,926,917
Common	-	-	394,593	-	-	-	290,241	296,654	317,173	1,298,661
Solids	-	-	1,644,188	-	-	-	1,185,000	1,555,313	1,096,125	5,480,626
Total PC 02 J B Latham	-	-	3,554,755	-	-	-	2,612,222	2,704,702	2,834,524	11,706,203
PC 05 San Juan Creek Ocean Outfall	-	89,918	59,946	-	-	-	83,913	239,782	67,466	541,025
PC 15 Coastal Treatment Plant										
Liquids	2,953,737	-	-	-	232,579	-	2,279,263	-	2,325,777	7,791,356
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	-	304,148	304,148
Total PC 15 Coastal Treatment Plant	2,953,737	-	-	-	232,579	-	2,279,263	-	2,629,925	8,095,504
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	1,556,341	-	-	1,556,341
Common	81,120	-	-	132,741	4,269	-	1,010,816	-	64,829	1,293,776
Solids	33,104	-	-	60,218	1,741	-	173,544	-	26,436	295,042
Total PC 17 Joint Regional Wastewater Reclamation	114,223	-	-	192,959	6,010	-	2,740,701	-	91,265	3,145,159
PC 21 Effluent Transmission Main	-	-	-	344,373	-	344,373	-	-	-	688,745
PC 24 Aliso Creek Ocean Outfall	5,577	-	-	8,264	395	7,991	22,233	-	6,241	50,702
SOCWA Total Capital Work Plan	3,073,538	89,918	3,614,700	545,596	238,984	352,363	7,738,331	2,944,485	5,629,422	24,227,339

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

	CLB	CSC	CSJC	EBS	ETWD	IRWD	MNWD	SMWD	SCWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	497,359	-	-	-	373,019	279,764	466,274	1,616,416
Common	-	-	72,194	-	-	-	53,102	54,275	58,029	237,600
Solids	-	-	557,377	-	-	-	401,713	527,249	371,585	1,857,924
Total PC 02 J B Latham	-	-	1,126,930	-	-	-	827,834	861,288	895,888	3,711,940
PC 05 San Juan Creek Ocean Outfall	-	17,294	11,530	-	-	-	16,139	46,118	12,976	104,057
PC 15 Coastal Treatment Plant										
Liquids	682,174	-	-	-	53,714	-	526,402	-	537,145	1,799,435
AWT	-	-	-	-	-	-	-	-	47,680	47,680
Total PC 15 Coastal Treatment Plant	682,174	-	-	-	53,714	-	526,402	-	584,825	1,847,115
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	190,122	-	-	190,122
Common	2,806	-	-	4,592	148	-	34,968	-	2,243	44,757
Solids	-	-	-	-	-	-	-	-	-	-
Total PC 17 Joint Regional Wastewater Reclamation	2,806	-	-	4,592	148	-	225,090	-	2,243	234,879
PC 21 Effluent Transmission Main	-	-	-	146,057	-	146,057	-	-	-	292,113
Total Large Capital Work Plan	684,980	17,294	1,138,459	150,649	53,862	146,057	1,595,466	907,406	1,495,931	6,190,104
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 02 J B Latham										
Liquids	-	-	59,307	-	-	-	44,480	33,360	55,600	192,747
Common	-	-	-	-	-	-	-	-	-	-
Solids	-	-	-	-	-	-	-	-	-	-
Total PC 02 J B Latham	-	-	59,307	-	-	-	44,480	33,360	55,600	192,747
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	11,538	-	-	-	908	-	8,903	-	9,085	30,434
Total PC 15 Coastal Treatment Plant	11,538	-	-	-	908	-	8,903	-	9,085	30,434
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	52,347	-	-	52,347
Common	-	-	-	-	-	-	-	-	-	-
Total PC 17 Joint Regional Wastewater Reclamation	-	-	-	-	-	-	52,347	-	-	52,347
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
Total Non-Capital Engineering Work Plan	11,538	-	59,307	-	908	-	105,730	33,360	64,685	275,528

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

	CLB	CSC	CSJC	EBS	ETWD	IRWD	MNWD	SMWD	SCWD	TOTAL
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	18,630	-	-	-	13,973	10,479	17,466	60,548
Common	-	-	19,655	-	-	-	14,457	14,777	15,799	64,688
Solids	-	-	21,036	-	-	-	15,161	19,899	14,024	70,121
Total PC 02 J B Latham	-	-	59,321	-	-	-	43,591	45,155	47,289	195,356
PC 15 Coastal Treatment Plant										
Liquids	53,928	-	-	-	4,246	-	41,613	-	42,463	142,250
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	-	16,250	16,250
Total PC 15 Coastal Treatment Plant	53,928	-	-	-	4,246	-	41,613	-	58,713	158,500
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	50,589	-	-	50,589
Common	4,507	-	-	7,376	237	-	56,167	-	3,602	71,890
Solids	5,153	-	-	9,374	271	-	27,016	-	4,115	45,929
Total PC 17 Joint Regional Wastewater Reclamation	9,661	-	-	16,750	508	-	133,771	-	7,718	168,408
Total Small Internal Capital Work Plan	63,588	-	59,321	16,750	4,754	-	218,976	45,155	113,719	522,264
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	575,296	-	-	-	431,472	323,604	539,340	1,869,711
Common	-	-	91,849	-	-	-	67,559	69,052	73,828	302,288
Solids	-	-	578,414	-	-	-	416,875	547,148	385,609	1,928,045
Total PC 02 J B Latham	-	-	1,245,558	-	-	-	915,905	939,803	998,777	4,100,043
PC 05 San Juan Creek Ocean Outfall	-	17,294	11,530	-	-	-	16,139	46,118	12,976	104,057
PC 15 Coastal Treatment Plant										
Liquids	747,639	-	-	-	58,869	-	576,918	-	588,692	1,972,119
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	-	63,930	63,930
Total PC 15 Coastal Treatment Plant	747,639	-	-	-	58,869	-	576,918	-	652,622	2,036,049
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	293,058	-	-	293,058
Common	7,314	-	-	11,968	385	-	91,135	-	5,845	116,647
Solids	5,153	-	-	9,374	271	-	27,016	-	4,115	45,929
Total PC 17 Joint Regional Wastewater Reclamation	12,467	-	-	21,342	656	-	411,208	-	9,960	455,634
PC 21 Effluent Transmission Main	-	-	-	146,057	-	146,057	-	-	-	292,113
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
SOCWA Total Capital Work Plan	760,106	17,294	1,257,088	167,399	59,525	146,057	1,920,171	985,921	1,674,335	6,987,896

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

	CLB	CSC	CSJC	EBS	ETWD	IRWD	MNWD	SMWD	SCWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	497,158	-	-	-	372,869	279,651	466,086	1,615,764
Common	-	-	66,773	-	-	-	49,114	50,199	53,672	219,758
Solids	-	-	557,152	-	-	-	401,551	527,036	371,435	1,857,174
Total PC 02 J B Latham	-	-	1,121,083	-	-	-	823,534	856,887	891,192	3,692,696
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	885,878	-	-	-	69,754	-	683,591	-	697,541	2,336,764
AWT	-	-	-	-	-	-	-	-	-	-
Total PC 15 Coastal Treatment Plant	885,878	-	-	-	69,754	-	683,591	-	697,541	2,336,764
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	-	-	-	-
Common	-	-	-	-	-	-	-	-	-	-
Solids	-	-	-	-	-	-	-	-	-	-
Total PC 17 Joint Regional Wastewater Reclamation	-	-	-	-	-	-	-	-	-	-
PC 21 Effluent Transmission Main	-	-	-	145,999	-	145,999	-	-	-	291,997
Total Large Capital Work Plan	885,878	-	1,121,083	145,999	69,754	145,999	1,507,125	856,887	1,588,734	6,321,457
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 02 J B Latham										
Liquids	-	-	15,601	-	-	-	11,701	8,776	14,626	50,703
Common	-	-	41,596	-	-	-	30,596	31,272	33,435	136,898
Solids	-	-	-	-	-	-	-	-	-	-
Total PC 02 J B Latham	-	-	57,197	-	-	-	42,296	40,047	48,061	187,601
PC 05 San Juan Creek Ocean Outfall	-	8,697	5,798	-	-	-	8,116	23,191	6,525	52,326
PC 15 Coastal Treatment Plant										
Liquids	-	-	-	-	-	-	-	-	-	-
Total PC 15 Coastal Treatment Plant	-	-	-	-	-	-	-	-	-	-
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	-	-	-	-
Common	2,543	-	-	4,162	134	-	31,691	-	2,033	40,562
Total PC 17 Joint Regional Wastewater Reclamation	2,543	-	-	4,162	134	-	31,691	-	2,033	40,562
PC 24 Aliso Creek Ocean Outfall	5,577	-	-	8,264	395	7,991	22,233	-	6,241	50,702
Total Non-Capital Engineering Work Plan	8,120	8,697	62,995	12,426	529	7,991	104,336	63,238	62,860	331,191

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

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SMWD	SCWD	TOTAL
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	18,630	-	-	-	13,973	10,479	17,466	60,548
Common	-	-	19,655	-	-	-	14,457	14,777	15,799	64,688
Solids	-	-	21,036	-	-	-	15,161	19,899	14,024	70,121
Total PC 02 J B Latham	-	-	59,321	-	-	-	43,591	45,155	47,289	195,356
PC 15 Coastal Treatment Plant										
Liquids	53,928	-	-	-	4,246	-	41,613	-	42,463	142,250
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	-	16,250	16,250
Total PC 15 Coastal Treatment Plant	53,928	-	-	-	4,246	-	41,613	-	58,713	158,500
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	50,589	-	-	50,589
Common	4,507	-	-	7,376	237	-	56,166	-	3,603	71,889
Solids	5,153	-	-	9,374	271	-	27,016	-	4,115	45,929
Total PC 17 Joint Regional Wastewater Reclamation	9,661	-	-	16,750	508	-	133,771	-	7,718	168,407
Total Small Internal Capital Work Plan	63,588	-	59,321	16,750	4,754	-	218,975	45,155	113,719	522,263
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	531,389	-	-	-	398,542	298,906	498,177	1,727,015
Common	-	-	128,024	-	-	-	94,167	96,248	102,905	421,344
Solids	-	-	578,189	-	-	-	416,712	546,935	385,459	1,927,295
Total PC 02 J B Latham	-	-	1,237,601	-	-	-	909,422	942,089	986,541	4,075,653
PC 05 San Juan Creek Ocean Outfall	-	8,697	5,798	-	-	-	8,116	23,191	6,525	52,326
PC 15 Coastal Treatment Plant										
Liquids	939,805	-	-	-	74,000	-	725,204	-	740,004	2,479,014
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	-	16,250	16,250
Total PC 15 Coastal Treatment Plant	939,805	-	-	-	74,000	-	725,204	-	756,254	2,495,264
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	50,589	-	-	50,589
Common	7,051	-	-	11,537	371	-	87,857	-	5,636	112,452
Solids	5,153	-	-	9,374	271	-	27,016	-	4,115	45,929
Total PC 17 Joint Regional Wastewater Reclamation	12,204	-	-	20,912	642	-	165,461	-	9,751	208,970
PC 21 Effluent Transmission Main	-	-	-	145,999	-	145,999	-	-	-	291,997
PC 24 Aliso Creek Ocean Outfall	5,577	-	-	8,264	395	7,991	22,233	-	6,241	50,702
SOCWA Total Capital Work Plan	957,586	8,697	1,243,399	175,175	75,038	153,989	1,830,435	965,280	1,765,313	7,174,912

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

	CLB	CSC	CSJC	EBS	ETWD	IRWD	MNWD	SMWD	SCWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	239,864	-	-	-	179,898	134,924	224,873	779,558
Common	-	-	57,900	-	-	-	42,588	43,529	46,540	190,558
Solids	-	-	299,186	-	-	-	215,629	283,013	199,457	997,285
Total PC 02 J B Latham	-	-	596,950	-	-	-	438,116	461,466	470,870	1,967,401
PC 05 San Juan Creek Ocean Outfall	-	31,879	21,253	-	-	-	29,750	85,012	23,919	191,814
PC 15 Coastal Treatment Plant										
Liquids	649,182	-	-	-	51,117	-	500,944	-	511,167	1,712,410
AWT	-	-	-	-	-	-	-	-	191,468	191,468
Total PC 15 Coastal Treatment Plant	649,182	-	-	-	51,117	-	500,944	-	702,635	1,903,878
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	359,742	-	-	359,742
Common	22,576	-	-	36,942	1,188	-	281,309	-	18,042	360,057
Solids	-	-	-	-	-	-	-	-	-	-
Total PC 17 Joint Regional Wastewater Reclamation	22,576	-	-	36,942	1,188	-	641,051	-	18,042	719,799
PC 21 Effluent Transmission Main	-	-	-	-	-	-	-	-	-	-
Total Large Capital Work Plan	671,758	31,879	618,203	36,942	52,305	-	1,609,861	546,478	1,215,466	4,782,892
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 02 J B Latham										
Liquids	-	-	36,037	-	-	-	27,028	20,271	33,785	117,121
Common	-	-	41,776	-	-	-	30,728	31,407	33,579	137,490
Solids	-	-	-	-	-	-	-	-	-	-
Total PC 02 J B Latham	-	-	77,813	-	-	-	57,756	51,678	67,364	254,611
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	-	-	-	-	-	-	-	-	-	-
Total PC 15 Coastal Treatment Plant	-	-	-	-	-	-	-	-	-	-
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	-	-	-	-
Common	2,554	-	-	4,180	134	-	31,828	-	2,041	40,738
Total PC 17 Joint Regional Wastewater Reclamation	2,554	-	-	4,180	134	-	31,828	-	2,041	40,738
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
Total Non-Capital Engineering Work Plan	2,554	-	77,813	4,180	134	-	89,584	51,678	69,406	295,349

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

	CLB	CSC	CSJC	EBSD	ETWD	IRWD	MNWD	SMWD	SCWD	TOTAL
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	18,630	-	-	-	13,973	10,479	17,466	60,548
Common	-	-	19,655	-	-	-	14,457	14,777	15,799	64,688
Solids	-	-	21,036	-	-	-	15,161	19,899	14,024	70,121
Total PC 02 J B Latham	-	-	59,321	-	-	-	43,591	45,155	47,289	195,356
PC 15 Coastal Treatment Plant										
Liquids	53,928	-	-	-	4,246	-	41,613	-	42,463	142,250
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	-	16,250	16,250
Total PC 15 Coastal Treatment Plant	53,928	-	-	-	4,246	-	41,613	-	58,713	158,500
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	50,589	-	-	50,589
Common	4,507	-	-	7,376	237	-	56,166	-	3,602	71,889
Solids	5,153	-	-	9,374	271	-	27,016	-	4,115	45,929
Total PC 17 Joint Regional Wastewater Reclamation	9,661	-	-	16,750	508	-	133,771	-	7,718	168,407
Total Small Internal Capital Work Plan	63,588	-	59,321	16,750	4,754	-	218,975	45,155	113,719	522,263
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	294,531	-	-	-	220,898	165,674	276,123	957,227
Common	-	-	119,331	-	-	-	87,774	89,713	95,918	392,736
Solids	-	-	320,222	-	-	-	230,791	302,913	213,481	1,067,406
Total PC 02 J B Latham	-	-	734,084	-	-	-	539,462	558,299	585,522	2,417,368
PC 05 San Juan Creek Ocean Outfall	-	31,879	21,253	-	-	-	29,750	85,012	23,919	191,814
PC 15 Coastal Treatment Plant										
Liquids	703,110	-	-	-	55,363	-	542,557	-	553,630	1,854,660
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	-	207,718	207,718
Total PC 15 Coastal Treatment Plant	703,110	-	-	-	55,363	-	542,557	-	761,348	2,062,378
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	410,331	-	-	410,331
Common	29,637	-	-	48,497	1,560	-	369,304	-	23,686	472,684
Solids	5,153	-	-	9,374	271	-	27,016	-	4,115	45,929
Total PC 17 Joint Regional Wastewater Reclamation	34,791	-	-	57,872	1,831	-	806,650	-	27,801	928,944
PC 21 Effluent Transmission Main	-	-	-	-	-	-	-	-	-	-
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
SOCWA Total Capital Work Plan	737,900	31,879	755,337	57,872	57,194	-	1,918,420	643,311	1,398,590	5,600,504

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

	CLB	CSC	CSJC	EBS	ETWD	IRWD	MNWD	SMWD	SCWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	96,128	-	-	-	72,096	54,072	90,120	312,417
Common	-	-	35,734	-	-	-	26,284	26,865	28,723	117,607
Solids	-	-	146,327	-	-	-	105,461	138,418	97,552	487,758
Total PC 02 J B Latham	-	-	278,190	-	-	-	203,842	219,355	216,395	917,782
PC 05 San Juan Creek Ocean Outfall	-	32,048	21,365	-	-	-	29,908	85,461	24,046	192,828
PC 15 Coastal Treatment Plant										
Liquids	509,255	-	-	-	40,099	-	392,969	-	400,988	1,343,311
AWT	-	-	-	-	-	-	-	-	-	-
Total PC 15 Coastal Treatment Plant	509,255	-	-	-	40,099	-	392,969	-	400,988	1,343,311
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	751,776	-	-	751,776
Common	32,611	-	-	53,363	1,716	-	406,354	-	26,062	520,105
Solids	12,491	-	-	22,721	657	-	65,481	-	9,975	111,325
Total PC 17 Joint Regional Wastewater Reclamation	45,101	-	-	76,084	2,373	-	1,223,611	-	36,036	1,383,206
PC 21 Effluent Transmission Main	-	-	-	52,318	-	52,318	-	-	-	104,635
Total Large Capital Work Plan	554,356	32,048	299,555	128,402	42,472	52,318	1,850,329	304,816	677,466	3,941,762
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 02 J B Latham										
Liquids	-	-	-	-	-	-	-	-	-	-
Common	-	-	-	-	-	-	-	-	-	-
Solids	-	-	-	-	-	-	-	-	-	-
Total PC 02 J B Latham	-	-	-	-	-	-	-	-	-	-
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	-	-	-	-	-	-	-	-	-	-
Total PC 15 Coastal Treatment Plant	-	-	-	-	-	-	-	-	-	-
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	-	-	-	-
Common	-	-	-	-	-	-	-	-	-	-
Total PC 17 Joint Regional Wastewater Reclamation	-	-	-	-	-	-	-	-	-	-
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
Total Non-Capital Engineering Work Plan	-	-	-	-	-	-	-	-	-	-

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

	CLB	CSC	CSJC	EBS	ETWD	IRWD	MNWD	SMWD	SCWD	TOTAL
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	18,630	-	-	-	13,973	10,479	17,466	60,548
Common	-	-	19,655	-	-	-	14,457	14,777	15,799	64,688
Solids	-	-	21,036	-	-	-	15,161	19,899	14,024	70,121
Total PC 02 J B Latham	-	-	59,321	-	-	-	43,591	45,155	47,289	195,356
PC 15 Coastal Treatment Plant										
Liquids	53,928	-	-	-	4,246	-	41,613	-	42,463	142,250
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	-	16,250	16,250
Total PC 15 Coastal Treatment Plant	53,928	-	-	-	4,246	-	41,613	-	58,713	158,500
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	50,589	-	-	50,589
Common	4,507	-	-	7,376	237	-	56,166	-	3,603	71,889
Solids	5,153	-	-	9,374	271	-	27,016	-	4,116	45,929
Total PC 17 Joint Regional Wastewater Reclamation	9,661	-	-	16,750	508	-	133,771	-	7,718	168,407
Total Small Internal Capital Work Plan	63,588	-	59,321	16,750	4,754	-	218,975	45,155	113,719	522,263
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	114,758	-	-	-	86,069	64,552	107,586	372,965
Common	-	-	55,389	-	-	-	40,741	41,642	44,522	182,295
Solids	-	-	167,364	-	-	-	120,623	158,317	111,576	557,879
Total PC 02 J B Latham	-	-	337,512	-	-	-	247,433	264,510	263,684	1,113,138
PC 05 San Juan Creek Ocean Outfall	-	32,048	21,365	-	-	-	29,908	85,461	24,046	192,828
PC 15 Coastal Treatment Plant										
Liquids	563,183	-	-	-	44,345	-	434,582	-	443,451	1,485,561
Common	-	-	-	-	-	-	-	-	-	-
AWT	-	-	-	-	-	-	-	-	16,250	16,250
Total PC 15 Coastal Treatment Plant	563,183	-	-	-	44,345	-	434,582	-	459,701	1,501,811
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	802,365	-	-	802,365
Common	37,118	-	-	60,739	1,954	-	462,520	-	29,665	591,995
Solids	17,644	-	-	32,096	928	-	92,497	-	14,091	157,255
Total PC 17 Joint Regional Wastewater Reclamation	54,762	-	-	92,834	2,881	-	1,357,381	-	43,755	1,551,614
PC 21 Effluent Transmission Main	-	-	-	52,318	-	52,318	-	-	-	104,635
PC 24 Aliso Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
SOCWA Total Capital Work Plan	617,945	32,048	358,877	145,152	47,226	52,318	2,069,304	349,972	791,186	4,464,027