



South Orange County Wastewater Authority

Draft
FY 2018/19
Annual Operating Expenses & Capital Budget
May 3, 2018

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Letter of Transmittal

(Pending)

Budget Summaries

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

	FY 2015-16	FY 2016-17	Change	FY 2017-18	Change	FY 2018-19	Change
	Actual	Actual	%	Budget	%	Budget	%
O&M Budget by Member Agency							
City of Laguna Beach	1,927,334	1,958,644	1.6%	2,161,172	10.3%	2,446,072	13.2%
City of San Clemente	96,253	135,201	40.5%	150,828	11.6%	183,464	21.6%
City of San Juan Capistrano	1,868,009	1,995,575	6.8%	1,841,226	-7.7%	2,162,026	17.4%
El Toro Water District	731,459	695,114	-5.0%	910,427	31.0%	943,931	3.7%
Emerald Bay Service District	85,067	81,061	-4.7%	123,058	51.8%	144,852	17.7%
Irvine Ranch Water District	127,723	260,392	103.9%	217,242	-16.6%	236,294	8.8%
Moulton Niguel Water District	8,393,893	8,425,530	0.4%	8,929,537	6.0%	9,494,882	6.3%
Santa Margarita Water District	1,808,872	1,872,246	3.5%	2,410,815	28.8%	2,280,988	-5.4%
South Coast Water District	3,317,016	3,482,170	5.0%	3,607,691	3.6%	3,937,708	9.1%
Trabuco Canyon Water District	20,940	22,776	8.8%	64,200	181.9%	24,678	-61.6%
Total O&M Budget by Member Agency	18,376,566	18,928,709	3.0%	20,416,195	7.9%	21,854,895	7.0%

5 Year Total O&M Budget By Member Agency

(Pending)

South Orange County Wastewater Authority

O&M 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
	Actual	Actual	%	Budget	%	Budget	%
O&M & Environmental, Safety Expenses							
City of Laguna Beach	1,704,854	1,716,404	0.7%	1,906,260	11.1%	2,114,960	10.9%
City of San Clemente	86,209	118,480	37.4%	102,548	-13.4%	140,196	36.7%
City of San Juan Capistrano	1,673,090	1,748,767	4.5%	1,619,200	-7.4%	1,864,328	15.1%
El Toro Water District	655,134	609,144	-7.0%	784,072	28.7%	800,364	2.1%
Emerald Bay Service District	76,191	71,036	-6.8%	77,632	9.3%	84,440	8.8%
Irvine Ranch Water District	114,396	228,187	99.5%	162,136	-28.9%	175,968	8.5%
Moulton Niguel Water District	7,518,023	7,383,482	-1.8%	7,978,944	8.1%	8,312,912	4.2%
Santa Margarita Water District	1,620,123	1,640,691	1.3%	2,130,244	29.8%	1,969,296	-7.6%
South Coast Water District	2,970,898	3,051,504	2.7%	3,204,100	5.0%	3,409,444	6.4%
Trabuco Canyon Water District	18,755	19,959	6.4%	24,824	24.4%	10,932	-56.0%
Total O&M Budget	16,437,673	16,587,654	0.9%	17,989,960	8.5%	18,882,840	5.0%

Member Agency Administration and Residual Engineering Expenses Allocation Percentages

City of Laguna Beach	10.4%	11.4%	10.6%	11.2%
City of San Clemente	0.5%	0.6%	0.6%	0.7%
City of San Juan Capistrano	10.2%	12.2%	9.0%	9.9%
El Toro Water District	4.0%	4.9%	4.4%	4.2%
Emerald Bay Service District	0.5%	0.5%	0.4%	0.4%
Irvine Ranch Water District	0.7%	1.0%	0.9%	0.9%
Moulton Niguel Water District	45.7%	42.5%	44.4%	44.0%
Santa Margarita Water District	9.9%	9.6%	11.8%	10.4%
South Coast Water District	18.1%	17.3%	17.8%	18.1%
Trabuco Canyon Water District	0.1%	0.1%	0.1%	0.1%
Total Allocation Percentages	100.0%	100.0%	100.0%	100.0%
Residual Engineering Expenses	199,826	344,018	365,926	465,853
Administration Expenses	1,715,207	1,997,037	2,060,310	2,506,202
Less General Fund			(365,323)	(454,687)
Total Administration and Residual Engineering Expenses	1,915,033	2,341,055	2,060,913	2,517,369
State Revolving Loan (Laguna Beach)	23,860			

Member Agency Administration and Residual Engineering Expenses and Percent Change Year over Year

City of Laguna Beach	198,620	242,240	22.0%	218,379	-9.9%	281,956	29.1%
City of San Clemente	10,044	16,721	66.5%	11,748	-29.7%	18,690	59.1%
City of San Juan Capistrano	194,919	246,808	26.6%	185,494	-24.8%	248,543	34.0%
El Toro Water District	76,325	85,970	12.6%	89,823	4.5%	106,701	18.8%
Emerald Bay Service District	8,876	10,025	12.9%	8,893	-11.3%	11,257	26.6%
Irvine Ranch Water District	13,327	32,205	141.6%	18,574	-42.3%	23,459	26.3%
Moulton Niguel Water District	875,870	1,042,048	19.0%	914,060	-12.3%	1,108,237	21.2%

South Orange County Wastewater Authority

O&M 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
	Actual	Actual	%	Budget	%	Budget	%
Santa Margarita Water District	188,749	231,555	22.7%	244,039	5.4%	262,537	7.6%
South Coast Water District	346,118	430,666	24.4%	367,059	-14.8%	454,531	23.8%
Trabuco Canyon Water District	2,185	2,817	28.9%	2,844	1.0%	1,457	-48.8%
Total Administration and Residual Engineering Expenses	1,915,033	2,341,055	22.2%	2,060,913	-12.0%	2,517,369	22.1%

Member Agency General Fund Expenses and Member Agencies Distribution Percentages			*		Evenly	Change		
City of Laguna Beach			36,532	10.0%	49,155	10.8%	45,469	3,687
City of San Clemente			36,532	10.0%	24,578	5.4%	45,469	(20,891)
City of San Juan Capistrano			36,532	10.0%	49,155	10.8%	45,469	3,687
El Toro Water District			36,532	10.0%	36,866	8.1%	45,469	(8,602)
Emerald Bay Service District			36,532	10.0%	49,155	10.8%	45,469	3,687
Irvine Ranch Water District			36,532	10.0%	36,866	8.1%	45,469	(8,602)
Moulton Niguel Water District			36,532	10.0%	73,733	16.2%	45,469	28,264
Santa Margarita Water District			36,532	10.0%	49,155	10.8%	45,469	3,687
South Coast Water District			36,532	10.0%	73,733	16.2%	45,469	28,264
Trabuco Canyon Water District			36,532	10.0%	12,289	2.7%	45,469	(33,180)
Total Member Agency			365,323	100.0%	454,687	100.0%	454,687	0

*Proposed allocations adjustment TCWD formula.

****Member Agency Administration, Residual Engineering and General Fund Expenses and Percent Change Year over Year**

City of Laguna Beach	198,620	242,240	22.0%	254,912	5.2%	331,112	29.9%
City of San Clemente	10,044	16,721	66.5%	48,280	188.7%	43,268	-10.4%
City of San Juan Capistrano	194,919	246,808	26.6%	222,026	-10.0%	297,698	34.1%
El Toro Water District	76,325	85,970	12.6%	126,355	47.0%	143,567	13.6%
Emerald Bay Service District	8,876	10,025	12.9%	45,426	353.1%	60,412	33.0%
Irvine Ranch Water District	13,327	32,205	141.6%	55,106	71.1%	60,326	9.5%
Moulton Niguel Water District	875,870	1,042,048	19.0%	950,593	-8.8%	1,181,970	24.3%
Santa Margarita Water District	188,749	231,555	22.7%	280,571	21.2%	311,692	11.1%
South Coast Water District	346,118	430,666	24.4%	403,591	-6.3%	528,264	30.9%
Trabuco Canyon Water District	2,185	2,817	28.9%	39,376	1297.9%	13,746	-65.1%
Total Member Agency	1,915,033	2,341,055	22.2%	2,426,235	3.6%	2,972,055	22.5%

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	1,958,644	1.6%	2,161,172	10.3%	2,446,072	13.2%
City of San Clemente	96,253	135,201	40.5%	150,828	11.6%	183,464	21.6%
City of San Juan Capistrano	1,868,009	1,995,575	6.8%	1,841,226	-7.7%	2,162,026	17.4%
El Toro Water District	731,459	695,114	-5.0%	910,427	31.0%	943,931	3.7%
Emerald Bay Service District	85,067	81,061	-4.7%	123,058	51.8%	144,852	17.7%
Irvine Ranch Water District	127,723	260,392	103.9%	217,242	-16.6%	236,294	8.8%
Moulton Niguel Water District	8,393,893	8,425,530	0.4%	8,929,537	6.0%	9,494,882	6.3%
Santa Margarita Water District	1,808,872	1,872,246	3.5%	2,410,815	28.8%	2,280,988	-5.4%
South Coast Water District	3,317,016	3,482,170	5.0%	3,607,691	3.6%	3,937,708	9.1%
Trabuco Canyon Water District	20,940	22,776	8.8%	64,200	181.9%	24,678	-61.6%
Total O&M Budget	18,376,566	18,928,709	3.0%	20,416,195	7.9%	21,854,895	7.0%

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

**South Orange County Wastewater Authority
O&M 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	-	-	1,739,144	-	-	-	1,246,056	1,689,752	1,488,780	-	6,163,732
PC 5 - San Juan Creek Ocean Outfall	-	123,040	105,340	-	-	-	102,548	199,548	86,720	-	617,196
PC 8 - Pretreatment Program	7,820	17,156	9,096	5,184	2,356	23,676	46,008	49,768	33,852	-	194,916
PC 12 SO- Water Reclamation Permits	-	-	10,748	-	-	-	27,292	30,228	11,952	10,932	91,152
PC 15 - Coastal Treatment Plant/AWT	1,488,832	-	-	-	60,080	-	274,492	-	1,354,624	-	3,178,028
PC 17 - Joint Regional Wastewater Reclamation	525,932	-	-	641,496	17,816	-	6,365,868	-	371,260	-	7,922,372
PC 21 Effluent Transmission Main	-	-	-	26,648	-	26,648	11,700	-	-	-	64,996
PC 24 - Aliso Creek Ocean Outfall	92,376	-	-	127,036	4,188	125,644	238,948	-	62,256	-	650,448
Total O&M by Project Committee and Member Agency	2,114,960	140,196	1,864,328	800,364	84,440	175,968	8,312,912	1,969,296	3,409,444	10,932	18,882,840

*Total Administration, General Fund and Residual Engineering Expenses by Member Agency (calculated page 7b)	331,112	43,268	297,698	143,567	60,412	60,326	1,181,970	311,692	528,264	13,746	2,972,055
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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	-	-	93.3%	-	-	-	15.0%	85.8%	43.7%	-	32.6%
PC 5 - San Juan Creek Ocean Outfall	-	87.8%	5.7%	-	-	-	1.2%	10.1%	2.5%	-	3.3%
PC 8 - Pretreatment Program	0.4%	12.2%	0.5%	0.6%	2.8%	13.5%	0.6%	2.5%	1.0%	-	1.0%
PC 12 SO- Water Reclamation Permits	-	-	0.6%	0.0%	-	0.0%	0.3%	1.5%	0.4%	100.0%	0.5%
PC 15 - Coastal Treatment Plant/AWT	70.4%	-	-	-	71.2%	-	3.3%	-	39.7%	-	16.8%
PC 17 - Joint Regional Wastewater Reclamation	24.9%	-	-	80.2%	21.1%	-	76.6%	-	10.9%	-	42.0%
PC 21 Effluent Transmission Main	-	-	-	3.3%	-	15.1%	0.1%	-	-	-	0.3%
PC 24 - Aliso Creek Ocean Outfall	4.4%	-	-	15.9%	5.0%	71.4%	2.9%	-	1.8%	-	3.4%
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	-	-	277,709	-	-	-	177,170	267,447	230,673	-	953,000
PC 5 - San Juan Creek Ocean Outfall	-	37,973	16,821	-	-	-	14,581	31,584	13,437	-	114,395
PC 8 - Pretreatment Program	1,224	5,295	1,452	930	1,686	8,117	6,542	7,877	5,245	-	38,367
PC 12 SO- Water Reclamation Permits	-	-	1,716	-	-	-	3,881	4,784	1,852	13,746	25,979
PC 15 - Coastal Treatment Plant/AWT	233,087	-	-	-	42,984	-	39,029	-	209,887	-	524,987
PC 17 - Joint Regional Wastewater Reclamation	82,338	-	-	115,070	12,746	-	905,130	-	57,523	-	1,172,808
PC 21 Effluent Transmission Main	-	-	-	4,780	-	9,136	1,664	-	-	-	15,579
PC 24 - Aliso Creek Ocean Outfall	14,462	-	-	22,787	2,996	43,074	33,975	-	9,646	-	126,940
Total Administration, General Fund and Residual Engineering Expenses by Project Committee and Member Agency	331,112	43,268	297,698	143,567	60,412	60,326	1,181,970	311,692	528,264	13,746	2,972,055

Total O&M Budget by Project Committee and Member Agency											
Project Committee											
PC 2 - Jay B. Latham Plant	-	-	2,016,853	-	-	-	1,423,226	1,957,199	1,719,453	-	7,116,732
PC 5 - San Juan Creek Ocean Outfall	-	161,013	122,161	-	-	-	117,129	231,132	100,157	-	731,591
PC 8 - Pretreatment Program	9,044	22,451	10,548	6,114	4,042	31,793	52,550	57,645	39,097	-	233,283
PC 12 SO- Water Reclamation Permits	-	-	12,464	-	-	-	31,173	35,012	13,804	24,678	117,131
PC 15 - Coastal Treatment Plant/AWT	1,721,919	-	-	-	103,064	-	313,521	-	1,564,511	-	3,703,015
PC 17 - Joint Regional Wastewater Reclamation	608,270	-	-	756,566	30,562	-	7,270,998	-	428,783	-	9,095,180
PC 21 Effluent Transmission Main	-	-	-	31,428	-	35,784	13,364	-	-	-	80,575
PC 24 - Aliso Creek Ocean Outfall	106,838	-	-	149,823	7,184	168,718	272,923	-	71,902	-	777,388
Total O&M Budget by Project Committee and Member Agency	2,446,072	183,464	2,162,026	943,931	144,852	236,294	9,494,882	2,280,988	3,937,708	24,678	21,854,895

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

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

	FY 2015-16 Actual	Mix %	FY 2016-17 Actual	Mix %	FY 2017-18 Budget	Mix %	FY 2018-19 Budget	Mix %
Payroll Costs Including Fringe Benefits	9,042,308	49.2%	9,721,033	51.4%	10,159,040	49.8%	10,851,001	49.7%
Chemicals	1,447,564	7.9%	1,346,942	7.1%	1,607,004	7.9%	1,580,028	7.2%
Utilities	1,413,498	7.7%	1,663,111	8.8%	1,755,532	8.6%	1,273,500	5.8%
Biosolids Hauling and Disposal	1,477,697	8.0%	1,481,192	7.8%	1,541,004	7.5%	1,639,008	7.5%
Maintenance - Equip. & Facilities	1,250,933	6.8%	1,111,952	5.9%	1,546,024	7.6%	2,213,012	10.1%
IT	880,295	4.8%	540,228	2.9%	670,169	3.3%	617,096	2.8%
Environmental & Safety	876,242	4.8%	1,038,291	5.5%	1,142,828	5.6%	1,105,476	5.1%
Engineering Misc	318,296	1.7%	103,825	0.5%	392,500	1.9%	175,004	0.8%
Management Support Services	295,528	1.6%	312,617	1.7%	241,524	1.2%	418,432	1.9%
IT Direct			296,159	1.6%				
Contract Services - Misc	286,078	1.6%	212,138	1.1%	287,000	1.4%	379,948	1.7%
Audit & Legal	233,694	1.3%	264,840	1.4%	137,208	0.7%	317,000	1.5%
Facilities	208,757	1.1%	238,640	1.3%	288,020	1.4%	292,020	1.3%
Insurance	144,644	0.8%	160,201	0.8%	211,752	1.0%	183,124	0.8%
Grit Hauling	141,376	0.8%	120,131	0.6%	122,004	0.6%	134,004	0.6%
Engineering transfer to Capital	(410,229)	-2.2%	(297,239)	-1.6%	(448,173)	-2.2%	(383,504)	-1.8%
Other Miscellaneous	769,885	4.2%	614,647	3.2%	762,760	3.7%	1,059,746	4.8%
Total SOCWA Cost Base	18,376,566	100.0%	18,928,709	100.0%	20,416,195	100.0%	21,854,895	100.0%

Cost Drivers	17,002,361	17,319,190	19,055,625	19,872,557
% Total Cost Base	92.5%	91.5%	93.3%	90.9%

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

Guide to Budget Book

(Pending)

May 3, 2018

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

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

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

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

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

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

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

Projected Operational Cost changes are based on:

- a) Flows and loads based on results of FY end 2017 use audit with the exception of PC2 (JBL) solids which will be based on the past 3-year average (as directed by PC 2 in April, 2017) and agreement between SMWD and MNWD to continue flow for MNWD from Oso-Trabuco line at 1.4 mgd.
- b) CPUC projected rate increases are used to calculate most utility cost changes, and for CoGen engine operations actual operating results will be used as the basis for projected for electricity and natural gas costs.

- c) Cogen engine maintenance costs will be increased to match cost of manufacturer recommended maintenance.
 - d) Inflation will be assumed at 3% for electricity, chemicals, fuels and petroleum products.
 - e) Other non-labor expenses will be inflated at 2%.
 - f) Long-term contract rates will be used for contracted supplies and services.
 - g) Fuel increases are based on contractual agreements and current run rates.
7. Payroll costs include salaries and wages plus fringe benefits.
- a) For purposes of applying salary adjustments pursuant to Section 4 Compensation (C) of the Memorandum of Understanding between the South Orange County Wastewater Authority and the SOCWA Employee Association, SOCWA will be utilizing the Los Angeles-Long Beach-Anaheim CPI-U Index published by the Bureau of Labor Statistics of the United States Department of Labor as that is the closest index to the one that was referenced in the MOU (“Los Angeles-Riverside-Orange County”). This change is necessitated by the Bureau of Labor Statistics removal of Riverside from the prior index. Riverside will now have its own separate index. Since SOCWA is in Orange County, the index reflects CPI in a portion of Orange County. Labor inflation based on this CPI will be result in a 3.8% Cost of Living Adjustment (COLA) in July for all employees.
 - b) An average 3% merit increase for all employees
 - c) PERS retirement was calculated using the CalPERS provided “Employer Normal Cost Rate”, 10.609%, 9.409% and 6.842%, which is applied to Payroll dollars.
 - d) PERS unfunded liability (UAL) will be provided by CalPERS for Tier 1, Tier 2 and Tier 3 plans.
 - e) Retiree Health (PARS) savings, was will continue at \$250,000 (10-year level pay approach), and is included in the fringe benefit rate.
 - f) Retiree Health “Pay-AS-YOU GO” premiums are based on actual individual current rates provided by CalPERS plus 2% for the out years. The employer co-pay will continue under the current MOU at 95% for all plans.
 - g) Medicare tax, holiday, vacation, sick and personal time were calculated based on the individual employee earning rate.

- h) Group medical insurance is based on actual individual current rates and the Employer co-pay will continue under the current MOU at 95% for all plans.
 - i) PERS Medical insurance increases were offset by benefit change to 95%. Standard increases beyond 2019 are projected at 10%.
 - j) Budgeted fringe benefit rate is 75.4%, which includes costs of accrued leave, group insurances (medical, disability, retiree health), PERS, PARS savings, and other paid benefits (unemployment, workers' compensation, bereavement pay)
 - k) Pay for time worked rate is 89% (Direct labor Utilization net of PTO, paid time off) and is projected based on actuals as of December 2017.
8. Administration expenses are a part of the O&M costs of each agency and are detailed in the Budget document for the purposes of allowing member agencies to track administrative costs and evaluate trends in administrative expenses. Administration expenses (net of General Fund) and other "Consolidated" expenses are applied to Member Agencies based on a Total Cost Input (Cost identified to a Project Committee and in some cases a member agency). Extraordinary and one-time O&M expenses having no administrative impact (examples: intermittent spikes in chemical or electrical costs or emergency labor), are deducted from the Total Cost Input base. This is a FAR (Federal Acquisition Regulation) methodology. This approach was confirmed appropriate by outside engineering/financial review of Carollo Engineering in FY '15/'16. This approach assigns administrative costs to the agency incurring the cost.
- a) Insurance costs are projected at:
 - i. CSRMA general liability 5-10% and other: Property 10-15%, Liability (PLP) 5% and Commercial Crime 5%.
 - ii. Workers' Compensations estimated 10% increase.
 - b) Training budgets are expected to increase due to new employee needs (SOCWA is now 30% with 5 years or less experience due to retirements).
 - c) In FY 2018-19 the General Manager and administrative assistants will track time spent on project committee or agency specific work and at the close of the fiscal year cost will be allocated with the Use Audit to the relevant project committee.
9. The General Fund Budget will be allocated in accordance with the approach agreed to by the Board of Directors during the FY 2017-18 discussions (need to complete). General Fund Expenses are added back to Administration for the purposes of tracking costs and showing total Administration by agency and project committee. Historically, General Fund expenses are estimated to cover costs of Board Meetings and staff costs of compliance with legally required JPA reporting and filing requirements (Form 700, Annual JPA Statements, etc.).

10. The following 14 points approved by the Board from the Allocation Working Group are continued in the FY 2018-19 Budget:
- a) The budget funds continuous metering of flows upstream of the JBL Plant from the OSO Trabuco and San Juan sewer trunk lines
 - b) Permit fees for the Pretreatment Program are levied as a fixed charge and allocated to the PC 8 Budget
 - c) For PC 5 and 24 engineering costs are allocated based on ownership capacity.
 - d) Individual agencies will pay Director meeting attendance fees either through SOCWA or directly to their participating director
 - e) Engineering studies will continue to address future capital and capacity needs of the treatment plants
 - f) JBL Effluent Pump Station (EPS) costs will be placed in PC 2 liquids ownership category
 - g) Continue PC 2 and 15 water use allocations: 30% from solids to liquids for PC 2, 70% from common into liquids PC 15
 - h) Continue PC 15 and 17 bleach use allocations: 4% from liquids to AWT for PC 15, track system changes for PC 15 and 17
 - i) Continue PC 2 and 17 odor control allocations: 39% from solids to liquids for PC 2, 42.1% from liquids to solids for PC 17
 - j) Continue PC 17 Ferric Chloride allocations: 40% from liquids to solids
 - k) Continue PC 15 and 17 Polymer allocations: 57% from AWT to liquids for PC 15 and 17.8% from liquids and AWT to solids for PC 17
 - l) Continue certain PC 24 costs as fixed costs: engineering misc., legal, off-shore monitoring, inspections/port cleaning and misc. equipment.
 - m) PC 2SO (12) excludes ETWD and IRWD.

General Approval Information:

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

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

Board approval of the Budget authorizes the above budget assumptions. 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**

	<i>O&M Costs¹ - Variable</i>	<i>O&M Costs¹ – Fixed</i>	<i>Capital Costs</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 2 Jay B. Latham Plant	Per PC agreement, liquid-related costs allocated based on each PC member’s average flow of prior fiscal year to plant. However, in practice, allocation is based on prior calendar year instead. Solids- related costs allocated based on PC member’s average solid loadings at plant during same period as liquid cost allocation.	Allocated to each PC member by dividing total common costs equally between liquids and solids capacities, and allocating to each PC member on basis of liquid treatment capacity ownership and solids handling capacity ownership.	For facilities or equipment with a service life equal to or greater than 5 years, or a value in excess of \$1,000, costs are allocated on the basis of liquid treatment capacity ownership and/or solids treatment capacity ownership as may be applicable.
PC 3A SOCWA Plant	For liquid treatment, costs are allocated based on PC member contribution of liquids based on measured flow data. For solids treatment, costs are allocated based on PC member contribution of solids loadings based on measured flow data and sewage strength. For AWT facility, costs are allocated 100% to MNWD based upon sole ownership of facility.	Allocated to each PC member based on individual ownership percentage. For AWT facility, costs are allocated 100% to MNWD based upon sole ownership of facility.	For capital costs greater than \$20,000, costs are allocated to PC members based on ownership percentages. (Agreement is silent on amounts less than \$20,000, but allocation approach is the same, per SOCWA practices.) For AWT facility, costs are allocated 100% to MNWD based upon sole ownership of facility.
PC 5 San Juan Creek Ocean Outfall	Per PC agreement, allocated to PC members based on average annual flows, however in practice, calculated as 95% of the total variable cost times the average outfall flows. ¹⁶	Allocated to PC member based on ownership via multiplication of total common costs by ownership percentage.	Allocated to PC member based on percentage ownership.

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

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

**South Orange County Wastewater Authority
Total O&M 5-Year Labor Plan
(with Payroll Costs)**

Headcount								
Department	FY 2015-16 Actual	FY 2016-17 Budget	FY 2017-18 Budget	FY 2018-19 Budget	FY 2019-20 Budget	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget
Operations	39	40	41	42	40	40	40	40
Engineering	3	3	3	3	3	3	3	3
Environmental Compliance & Safety	10	10	10	9	9	9	9	9
IT	1	1	1	1	1	1	1	1
Administration	7	7	9	9	9	9	9	8
Total	60	61	64	64	62	62	62	61
FY 2017-18 Budget	60	61	64	65	63	62	62	

Environmental Analyst Position not filled in FY 17/18, position was moved to Admin in FY 17/18 (funded 1 year); Admin added 1 Other FTE Position in FY 17/18.

Payroll Costs in Thousands				
3% Average Merit and 3.8% COLA (includes Fringe, Overtime & Comp Time)				
Department	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19
Operations	5,978	6,118	6,224	6,601
Engineering	407	668	677	735
Environmental Compliance & Safety	1,327	1,416	1,576	1,576
Administration and IT	1,330	1,316	1,682	1,938
Total	9,042	9,518	10,159	10,851
% Change		5.3%	6.7%	6.8%

SOCWA Cost Base	18,377	18,929	20,416	21,855
Payroll Cost Content	49.2%	50.3%	49.8%	49.7%

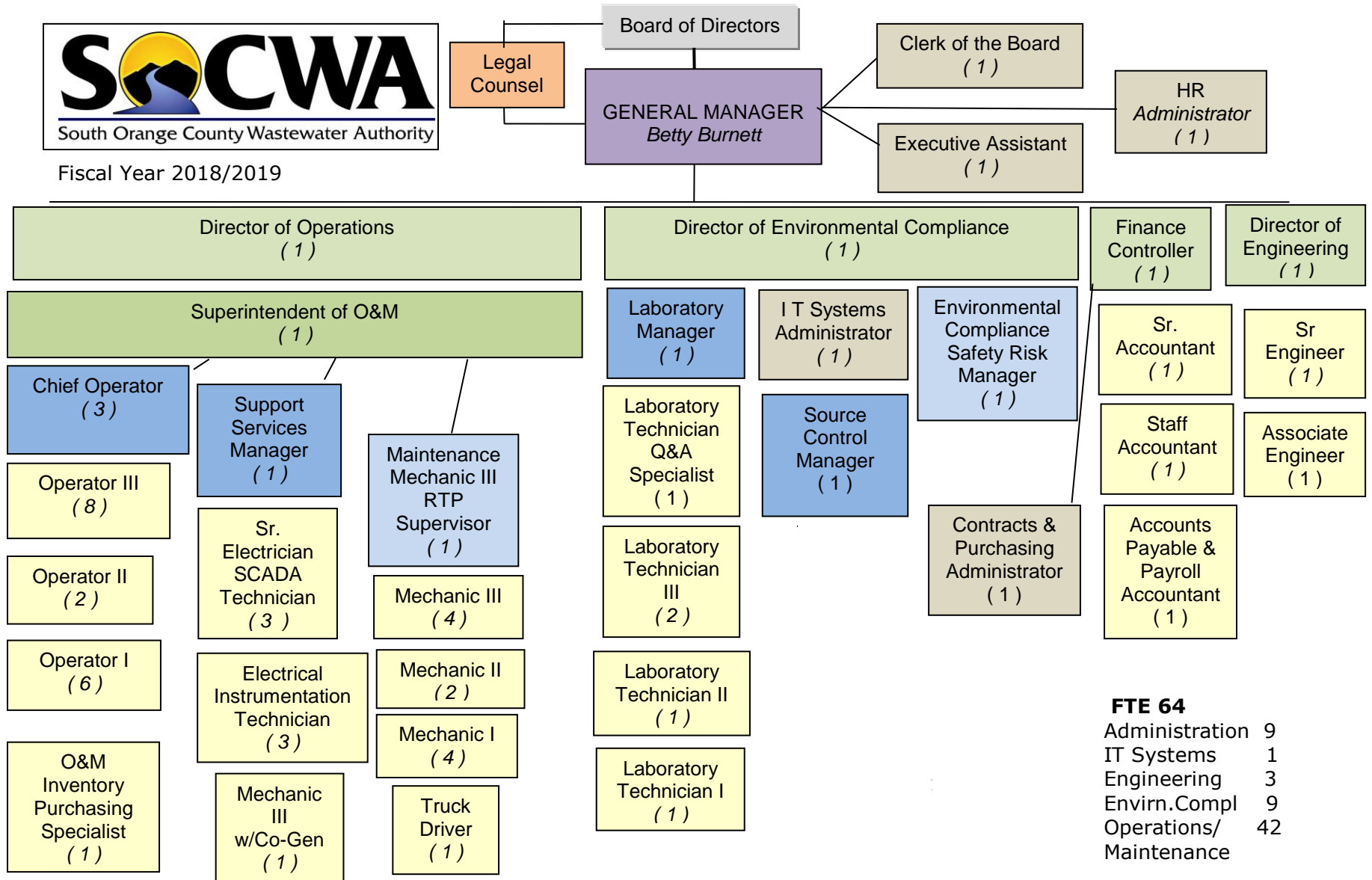
**South Orange County Wastewater Authority
O&M Fringe Benefits Forecast FY 18/19 thru FY 22/23**

	FY 2015-16	FY 2016-17	FY 2017-18	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	Percent Change				
	Actual	Actual	Budget	Forecast	Budget	Budget	Budget	Budget	Budget	FY 2018-19 Budget	FY 2019-20 Budget	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget
457 Plan - Employer Contribution	13,821	83,925	85,000	85,000	85,000	85,000	85,000	85,000	85,000					
Accrued Administrative Leave	34,879	30,478	21,622	22,000	25,114	26,669	28,319	30,072	31,934	14.2%	6.2%	6.2%	6.2%	6.2%
Accrued Holiday	221,783	220,371	247,435	248,279	257,161	273,079	289,983	307,933	326,994	3.6%	6.2%	6.2%	6.2%	6.2%
Accrued Personal Leave	74,238	76,638	84,288	85,000	90,895	96,521	102,496	108,841	115,578	6.9%	6.2%	6.2%	6.2%	6.2%
Accrued Sick Pay	242,262	262,987	278,890	278,890	299,485	318,023	337,709	358,613	380,811	7.4%	6.2%	6.2%	6.2%	6.2%
Accrued Vacation	372,526	416,343	409,536	409,536	391,291	415,512	441,232	468,544	497,547	-4.5%	6.2%	6.2%	6.2%	6.2%
Bereavement Pay	1,345	8,088	1,398	7,856	8,000	8,000	8,000	8,000	8,000	1.8%	0.0%	0.0%	0.0%	0.0%
Disability Insurance - Private	51,728	56,122	59,307	57,534	58,373	59,540	60,731	61,945	63,184	2% Inflation	1.5%	2.0%	2.0%	2.0%
Group Life Insurance > \$50,000 (taxable)	7,233	-	-	-	-	-	-	-	-					
Group Medical Insurance	941,108	1,017,679	967,541	973,516	1,005,463	1,038,644	1,072,919	1,108,325	1,144,900	3.3%	3.3%	3.3%	3.3%	3.3%
Medicare Tax - Employer	94,167	94,550	95,922	94,128	101,256	105,908	112,902	120,313	125,818	7.6%	4.6%	6.6%	6.6%	4.6%
Pension Benefit in Excess of Cap	2,824	2,199	2,937	-	-	-	-	-	-					
Retiree Health PARS Investment	500,000	504,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	0.0%	0.0%	0.0%	0.0%	0.0%
Retiree Health Benefits	281,389	384,936	308,402	384,038	413,056	444,448	478,226	514,571	553,679	7.6% Infl	7.6%	7.6%	7.6%	7.6%
Retirement - PERS Normal Costs	517,823	500,175	609,905	513,873	582,197	632,830	731,529	780,093	815,742	13.3%	8.7%	15.6%	6.6%	4.6%
Retirement - PERS Unfunded Liability	429,804	497,705	595,685	595,685	743,842	908,700	1,038,700	1,203,000	1,346,400	24.9%	22.2%	14.3%	15.8%	11.9%
Unemployment Ins./Reimbursement	1,378	1,234	1,433	1,500	2,000	2,000	2,000	2,000	2,000	33.3%	0.0%	0.0%	0.0%	0.0%
Workers Compensation Ins.	76,883	212,990	223,717	254,523	260,000	260,000	260,000	260,000	260,000	2.2%	0.0%	0.0%	0.0%	0.0%
Total O&M Budget Fringe Benefits Pool	3,865,192	4,370,418	4,243,018	4,261,357	4,573,133	4,924,874	5,299,745	5,667,251	6,007,587	7.3%	7.7%	7.6%	6.9%	6.0%
Pay for Time Worked Labor Base(Regular Salaries)										FY 2018-19 Budget	FY 2019-20 Budget	FY 2020-21 Budget	FY 2021-22 Budget	FY 2022-23 Budget
O&M	3,184,417	3,475,459	3,475,459	3,475,459	3,627,186	3,739,493	3,983,661	4,240,656	4,498,816	4.4%	3.1%	6.5%	6.5%	6.1%
Environmental	815,299	895,840	895,840	895,840	883,205	944,312	1,009,658	1,079,527	1,154,230	-1.4%	6.9%	6.9%	6.9%	6.9%
Engineering including CIP Labor	305,422	388,651	388,651	388,651	417,610	446,484	477,353	510,358	545,644	7.5%	6.9%	6.9%	6.9%	6.9%
Admin	695,744	871,373	871,373	871,373	991,803	1,060,376	1,133,690	1,212,074	1,159,575	13.8%	6.9%	6.9%	6.9%	-4.3%
IT	44,447	87,428	87,428	87,428	93,378	99,834	106,728	114,107	121,992	6.8%	6.9%	6.9%	6.9%	6.9%
Total Pay for Time Worked Labor Base	4,976,917	5,045,329	5,718,751	5,718,751	6,013,182	6,290,498	6,711,091	7,156,721	7,480,257	5.1%	4.6%	6.7%	6.6%	4.5%
Fringe Rate	78%	86.6%	74.2%	74.5%	76.1%	78.3%	79.0%	79.2%	80.3%					

(1) Workers' Comp Insurance increased \$91k
(2) Workers Comp increase and COLA increased to 3.8% from 3.1% (CPI Index March per MOU)



Fiscal Year 2018/2019



Budget Detail

**South Orange County Wastewater Authority
O&M, Environmental and Safety Departments Budget Summary**

		FY 2016-17 Actual	FY 2017-18 Budget	Change %	FY 2018-19 Budget	Change %
Salary and Fringe						
5000--**	Regular Salaries-O&M	3,999,716	4,371,300	9%	4,510,412	3.18%
5001--**	Overtime Salaries-O&M	147,190	74,992	-49%	115,036	53.40%
5302--**	Performance Based Merit Pay	23,922	-	-100%	-	0.00%
5306--**	Scheduled Holiday Work	25,116	39,904	59%	49,876	24.99%
5307--**	Weekend Shift Pay	996	-	-100%	-	0.00%
5315--**	Comp Time - O&M	-	-	0%	1,836	0.00%
5401--**	Fringe Benefits IN to PC's & Depts.	3,464,677	3,243,512	-6%	3,432,412	5.82%
5700--**	Standby Pay	68,900	69,996	2%	67,600	(3.42%)
	Total Payroll Costs	7,730,517	7,799,704	1%	8,177,172	4.84%
Other Expenses						
5002--**	Electricity	1,464,878	1,484,000	1%	1,055,976	(28.84%)
5003--**	Natural Gas	139,971	209,512	50%	148,528	(29.11%)
5004--**	Potable & Reclaimed Water	58,263	62,008	6%	69,012	11.30%
5005--**	Co-generation Power Credit	(201,611)	(250,000)	24%	(250,008)	0.00%
5006--**	Chlorine/Sodium Hypochlorite	422,596	478,000	13%	489,008	2.30%
5007--**	Polymer Products	506,570	709,016	40%	658,020	(7.19%)
5008--**	Ferric Chloride	268,559	255,012	-5%	265,000	3.92%
5009--**	Odor Control Chemicals	148,229	160,000	8%	163,008	1.88%
5010--**	Other Chemicals - Misc.	988	5,000	406%	5,000	0.00%
5011--**	Laboratory Services	29,423	36,500	24%	41,696	14.24%
5012--**	Grit Hauling	120,131	122,008	2%	134,008	9.84%
5013--**	Landscaping	199,368	183,004	-8%	185,008	1.10%
5014--**	Engineering - Misc.	103,825	392,508	278%	175,004	(55.41%)
5015--**	Management Support Services	95,040	128,008	35%	233,932	82.75%
5016--**	Audit - Environmental	0	500	0%	500	0.00%
5017--**	Legal Fees	41,177	12,216	-70%	27,008	121.09%
5018--**	Public Notices/ Public Relations	145	500	245%	2,004	300.80%
5019--**	Contract Services Misc.	204,070	287,000	41%	375,012	30.67%
5021--**	Small Vehicle Expense	28,170	20,900	-26%	21,016	0.56%
5022--**	Miscellaneous Expense	12,348	18,492	50%	18,488	(0.02%)
5023--**	Office Supplies - All	39,431	42,000	7%	38,004	(9.51%)
5024--**	Petroleum Products	34,625	60,000	73%	59,988	(0.02%)
5025--**	Uniforms	36,917	36,000	-2%	37,012	2.81%
5026--**	Small Vehicle Fuel	14,743	37,688	156%	35,688	(5.31%)
5027--**	Insurance - Property/Liability	160,201	211,740	32%	183,116	(13.52%)
5028--**	Small Tools & Supplies	64,336	77,476	20%	85,656	10.56%
5030--**	Trash Disposal	4,863	5,000	3%	6,992	39.84%
5031--**	Safety Program & Supplies	119,600	86,872	-27%	106,396	22.47%
5032--**	Equipment Rental	15,754	7,004	-56%	7,008	0.06%
5033--**	Recruitment	1,482	1,000	-33%	3,016	201.60%
5034--**	Travel Expense/Tech. Conferences	19,787	61,012	208%	72,076	18.13%
5035--**	Training Expense	52,511	52,564	0%	63,356	20.53%
5036--**	Laboratory Supplies	68,799	75,024	9%	90,332	20.40%
5037--**	Office Equipment	19,969	22,496	13%	24,996	11.11%
5038--**	Permits	475,018	475,500	0%	415,944	(12.52%)
5039--**	Membership Dues/Fees	14,356	12,244	-15%	11,924	(2.61%)
5044--**	Offshore Monitoring	32,634	42,008	29%	96,000	128.53%
5045--**	Offshore Biochemistry - 20B	0	0	0%	110,000	0.00%
5046--**	Effluent Chemistry	38,855	45,996	18%	76,976	67.35%
5047--**	Access Road Expenses	36,245	46,996	30%	48,000	2.14%
5048--**	Storm Damage	30,592	19,000	-38%	20,008	5.31%
5049--**	Biosolids Disposal	1,481,192	1,541,004	4%	1,639,008	6.36%
5050--**	Contract Services Generators	22,514	21,008	-7%	21,004	(0.02%)
5052--**	Janitorial Services	34,408	100,016	191%	100,020	0.00%
5053--**	Contract Serv - Digester Cleaning - 29E	0	60,004	0%	60,000	(0.01%)

**South Orange County Wastewater Authority
O&M, Environmental and Safety Departments Budget Summary**

-5054--**-**	Diesel Truck Maint	24,175	40,000	65%	41,004	2.51%
-5055--**-**	Diesel Truck Fuel	8,696	13,996	61%	14,004	0.06%
-5056--**-**	Maintenance Equip. & Facilities (Solids)	343,870	328,004	-5%	338,000	3.05%
-5057--**-**	Maintenance Equip. & Facilities (Liquids)	542,344	575,000	6%	591,996	2.96%
-5058--**-**	Maintenance Equip. & Facilities (Common)	71,872	73,008	2%	76,004	4.10%
-5059--**-**	Maintenance Equip. & Facilities (Co-Gen)	93,997	500,000	432%	1,135,012	127.00%
-5060--**-**	Maintenance Equip. & Facilities (AWT)	59,870	70,000	17%	72,000	2.86%
-5061--**-**	Mileage	4,506	5,688	26%	2,024	(64.42%)
-5067--**-**	Port Cleaning	0	35,000	0%	35,000	0.00%
-5068--**-**	MNWD Potable Water Supplies & Svcs.	22,508	23,996	7%	24,484	2.03%
-5069--**-**	Misc-Capital-Dilution & Metering Study	102,670	15,004	-85%	20,004	33.32%
-5076--**-**	SCADA Infrastructure	0	0	0%	57,000	0.00%
-5077--**-**	IT Direct	296,159	0	-100%	0	0.00%
-5101--**-**	Employee Recognition	1,925	0	-100%	1,004	0.00%
-5105--**-**	Co-Generation Power Credit - Offset	201,611	250,000	24%	249,984	(0.01%)
-5301--**-**	Vehicle Pay	162	0	-100%	0	0.00%
-5303--**-**	Group Insurance Waiver	7,403	10,796	46%	10,812	0.15%
-5305--**-**	Medicare Tax Payments for Employees	12,054	11,044	-8%	9,444	(14.49%)
-5309--**-**	Operating Leases	5,085	12,000	136%	31,004	158.37%
-5705--**-**	Monthly Car Allowance	31,631	28,196	-11%	25,368	(10.03%)
-5706--**-**	Effluent Pond Cleaning	0	90,004	0%	90,000	(0.00%)
-5802--**-**	Shipping/Freight	659	0	-100%	144	0.00%
-6500--**-**	IT Allocations in to PC's & Depts.	564,971	654,684	16%	651,636	(0.47%)
	Total Other Expenses	8,857,138	10,190,256	15%	10,705,668	5.06%
	Total Expenses	16,587,654	17,989,960	8%	18,882,840	4.96%

**South Orange County Wastewater Authority
O&M Project Committee Detail FY 2018-19
(Does Not Include Administration, Residual Engineering and General Fund Expenses)**

		PC 02	PC 12	PC 05	PC 15	PC 17	PC 21	PC 24	PC 08	SOCWA
Salary and Fringe										
5000--**	Regular Salaries-O&M	1,472,936	30,396	123,972	897,452	1,777,188	-	128,156	80,312	4,510,412
5001--**	Overtime Salaries-O&M	32,908	-	1,116	21,256	57,720	-	660	1,376	115,036
5306--**	Scheduled Holiday Work	14,736	-	744	6,540	27,320	-	336	200	49,876
5315--**	Comp Time - O&M	752	-	-	-	1,084	-	-	-	1,836
5401--**	Fringe Benefits IN to PC's & Depts.	1,120,912	23,120	94,336	682,960	1,352,444	-	97,528	61,112	3,432,412
5700--**	Standby Pay	27,044	-	-	13,520	27,036	-	-	-	67,600
	Total Payroll Costs	2,669,288	53,516	220,168	1,621,728	3,242,792	-	226,680	143,000	8,177,172
Other Expenses										
5002--**	Electricity	374,984	-	1,004	297,000	381,988	-	1,000	-	1,055,976
5003--**	Natural Gas	120,020	-	512	2,996	25,000	-	-	-	148,528
5004--**	Potable & Reclaimed Water	20,008	-	-	13,004	36,000	-	-	-	69,012
5005--**	Co-generation Power Credit	-	-	-	-	(250,008)	-	-	-	(250,008)
5006--**	Chlorine/Sodium Hypochlorite	28,000	-	-	100,004	361,004	-	-	-	489,008
5007--**	Polymer Products	250,008	-	-	2,004	406,008	-	-	-	658,020
5008--**	Ferric Chloride	105,004	-	-	30,996	129,000	-	-	-	265,000
5009--**	Odor Control Chemicals	28,004	-	-	85,004	50,000	-	-	-	163,008
5010--**	Other Chemicals - Misc.	1,000	-	-	-	4,000	-	-	-	5,000
5011--**	Laboratory Services	10,692	-	-	11,500	16,504	-	-	3,000	41,696
5012--**	Grit Hauling - 21A	50,004	-	-	30,004	54,000	-	-	-	134,008
5013--**	Landscaping	50,004	-	-	60,008	74,996	-	-	-	185,008
5014--**	Engineering - Misc.	30,004	-	10,000	20,000	32,500	62,496	20,004	-	175,004
5015--**	Management Support Services	59,004	5,512	9,404	5,000	123,500	2,500	25,008	4,004	233,932
5016--**	Audit - Environmental	-	-	-	-	-	-	-	500	500
5017--**	Legal Fees	4,996	6,000	2,000	5,000	5,004	-	2,004	2,004	27,008
5018--**	Public Notices/ Public Relations	-	-	-	-	-	-	-	2,004	2,004
5019--**	Contract Services Misc. - 29	115,004	-	-	110,000	150,008	-	-	-	375,012
5021--**	Small Vehicle Expense - 31A	8,004	-	-	6,004	6,000	-	-	1,008	21,016
5022--**	Miscellaneous Expense	8,000	-	-	2,996	5,996	-	-	1,496	18,488
5023--**	Office Supplies - All	27,000	-	-	4,004	7,000	-	-	-	38,004
5024--**	Petroleum Products	15,992	-	-	2,000	41,996	-	-	-	59,988
5025--**	Uniforms	13,004	-	-	6,004	18,004	-	-	-	37,012
5026--**	Small Vehicle Fuel - 37A	14,988	-	512	6,004	12,988	-	-	1,196	35,688
5027--**	Insurance - Property/Liability	65,464	1,000	5,756	26,436	78,860	-	5,600	-	183,116
5028--**	Small Tools & Supplies	40,004	-	-	11,000	28,008	-	-	6,644	85,656
5030--**	Trash Disposal	2,000	-	-	2,996	1,996	-	-	-	6,992
5031--**	Safety Supplies	34,704	-	1,004	34,692	35,000	-	996	-	106,396
5032--**	Equipment Rental	3,000	-	-	1,000	3,008	-	-	-	7,008
5033--**	Recruitment	1,016	-	-	1,000	1,000	-	-	-	3,016
5034--**	Travel Expense/Tech. Conferences	18,872	2,240	4,472	18,872	18,876	-	4,496	4,248	72,076
5035--**	Training Expense	26,184	-	548	13,652	18,576	-	524	3,872	63,356
5036--**	Laboratory Supplies	14,296	-	19,236	14,496	22,744	-	19,560	-	90,332
5037--**	Office Equipment	13,000	-	-	2,000	9,996	-	-	-	24,996
5038--**	Permits	22,432	18,488	155,000	22,000	40,012	-	148,004	10,008	415,944
5039--**	Membership Dues/Fees	8,044	-	-	968	2,588	-	-	324	11,924
5044--**	Offshore Monitoring - 20A	-	-	30,996	-	-	-	65,004	-	96,000
5045--**	Offshore Biochemistry - 20B	-	-	64,996	-	-	-	45,004	-	110,000
5046--**	Effluent Chemistry - 20C	-	-	44,996	-	-	-	31,980	-	76,976
5047--**	Access Road Expenses	-	-	-	48,000	-	-	-	-	48,000
5048--**	Storm Damage	-	-	-	20,008	-	-	-	-	20,008
5049--**	Biosolids Disposal - 21B	600,000	-	-	125,004	914,004	-	-	-	1,639,008

**South Orange County Wastewater Authority
O&M Project Committee Detail FY 2018-19
(Does Not Include Administration, Residual Engineering and General Fund Expenses)**

	PC 02	PC 12	PC 05	PC 15	PC 17	PC 21	PC 24	PC 08	SOCWA
-5050--**	9,000	-	-	4,004	8,000	-	-	-	21,004
-5052--**	40,004	-	-	20,008	40,008	-	-	-	100,020
-5053--**	60,000	-	-	-	-	-	-	-	60,000
-5054--**	20,996	-	-	1,004	19,004	-	-	-	41,004
-5055--**	6,000	-	-	1,004	7,000	-	-	-	14,004
-5056--**	142,004	-	-	-	195,996	-	-	-	338,000
-5057--**	246,996	-	-	175,000	170,000	-	-	-	591,996
-5058--**	27,000	-	1,004	21,000	26,000	-	1,000	-	76,004
-5059--**	485,004	-	-	-	650,008	-	-	-	1,135,012
-5060--**	-	-	-	36,000	36,000	-	-	-	72,000
-5061--**	2,024	-	-	-	-	-	-	-	2,024
-5067--**	-	-	-	-	-	-	35,000	-	35,000
17-5068-02-04-22	-	-	-	-	24,484	-	-	-	24,484
-5069--**	-	-	20,004	-	-	-	-	-	20,004
-5076--**	19,000	-	-	19,000	19,000	-	-	-	57,000
-5101--**	-	-	1,004	-	-	-	-	-	1,004
-5105--**	-	-	-	-	249,984	-	-	-	249,984
-5303--**	3,600	-	-	3,600	3,612	-	-	-	10,812
-5305--**	3,860	-	2,456	2,996	132	-	-	-	9,444
-5309--**	25,004	-	-	-	6,000	-	-	-	31,004
-5705--**	8,412	-	4,204	1,364	11,388	-	-	-	25,368
-5706--**	-	-	-	-	90,000	-	-	-	90,000
-5802--**	-	-	-	-	-	-	144	-	144
-6500--**	212,800	4,396	17,920	129,664	256,808	-	18,440	11,608	651,636
Total Other Expenses	3,494,444	37,636	397,028	1,556,300	4,679,580	64,996	423,768	51,916	10,705,668
Total Expenses	6,163,732	91,152	617,196	3,178,028	7,922,372	64,996	650,448	194,916	18,882,840

**South Orange County Wastewater Authority
O&M Project Committee FY 2018-19 Budget vs. FY 2017-18 Actual**

**O&M Project Committee FY 2018-19
Budget vs. FY 2017-18 Actual**

PC 02 Jay B Latham Plant

Salary and Fringe

		FY 2017-18 Budget	FY 2018-19 Budget	Budget Increase/ (Decrease)	Budget Change %
02-5000-01-**-**	Regular Salaries-O&M	1,228,504	1,319,268	90,764	7.4%
02-5000-02-**-**	Regular Salaries-O&M	163,196	153,668	(9,528)	-5.8%
02-5001-01-**-**	Overtime Salaries-O&M	21,908	32,000	10,092	46.1%
02-5001-02-**-**	Overtime Salaries-O&M	204	908	704	345.1%
02-5306-01-**-**	Scheduled Holiday Work	11,992	11,992	-	0.0%
02-5306-02-**-**	Scheduled Holiday Work	1,804	2,744	940	52.1%
02-5315-02-**-**	Comp Time - O&M	-	752	752	
02-5401-01-**-**	Fringe Benefits IN to PC's & Depts.	911,556	1,003,968	92,412	10.1%
02-5401-02-**-**	Fringe Benefits IN to PC's & Depts.	121,096	116,944	(4,152)	-3.4%
02-5700-01-**-**	Standby Pay	23,328	27,044	3,716	15.9%
	Total Payroll Costs	2,483,588	2,669,288	185,700	7.5%

Other Expenses

02-5002-01-**-**	Electricity	524,000	374,984	(149,016)	-28.4%
02-5003-01-**-**	Natural Gas	65,012	120,020	55,008	84.6%
02-5004-01-**-**	Potable & Reclaimed Water	15,004	20,008	5,004	33.4%
02-5006-01-**-**	Chlorine/Sodium Hypochlorite	28,000	28,000	-	0.0%
02-5007-01-**-**	Polymer Products	301,004	250,008	(50,996)	-16.9%
02-5008-01-**-**	Ferric Chloride	100,004	105,004	5,000	5.0%
02-5009-01-**-**	Odor Control Chemicals	25,000	28,004	3,004	12.0%
02-5010-01-**-**	Other Chemicals - Misc.	1,000	1,000	-	0.0%
02-5011-02-**-**	Laboratory Services	10,500	10,692	192	1.8%
02-5012-01-**-**	Grit Hauling - 21A	40,000	50,004	10,004	25.0%
02-5013-01-**-**	Landscaping	48,000	50,004	2,004	4.2%
02-5014-01-**-**	Engineering - Misc.	4,996	30,004	25,008	500.6%
02-5014-02-**-**	Engineering - Misc.	100,004	-	(100,004)	-100.0%
02-5015-01-**-**	Management Support Services	4,996	50,004	45,008	900.9%
02-5015-02-**-**	Management Support Services	13,000	9,000	(4,000)	-30.8%
02-5017-01-**-**	Legal Fees	1,200	4,996	3,796	316.3%
02-5019-01-**-**	Contract Services Misc. - 29	95,000	115,004	20,004	21.1%
02-5021-01-**-**	Small Vehicle Expense - 31A	8,004	8,004	-	0.0%
02-5022-01-**-**	Miscellaneous Expense	8,004	8,000	(4)	0.0%
02-5023-01-**-**	Office Supplies - All	25,008	27,000	1,992	8.0%
02-5024-01-**-**	Petroleum Products	16,004	15,992	(12)	-0.1%
02-5025-01-**-**	Uniforms	12,996	13,004	8	0.1%
02-5026-01-**-**	Small Vehicle Fuel - 37A	15,000	14,988	(12)	-0.1%
02-5027-01-**-**	Insurance - Property/Liability	70,448	60,832	(9,616)	-13.6%
02-5027-02-**-**	Insurance - Property/Liability	-	4,632	4,632	
02-5028-01-**-**	Small Tools & Supplies	40,004	40,004	-	0.0%
02-5030-01-**-**	Trash Disposal	1,000	2,000	1,000	100.0%
02-5031-02-**-**	Safety Supplies	30,396	34,704	4,308	14.2%
02-5032-01-**-**	Equipment Rental	3,000	3,000	-	0.0%
02-5033-01-**-**	Recruitment	1,000	1,016	16	1.6%
02-5034-01-**-**	Travel Expense/Tech. Conferences	13,836	14,372	536	3.9%
02-5034-02-**-**	Travel Expense/Tech. Conferences	3,140	4,500	1,360	43.3%
02-5035-01-**-**	Training Expense	15,904	11,672	(4,232)	-26.6%
02-5035-02-**-**	Training Expense	1,116	14,512	13,396	1200.4%
02-5036-02-**-**	Laboratory Supplies	13,004	14,296	1,292	9.9%

**South Orange County Wastewater Authority
O&M Project Committee FY 2018-19 Budget vs. FY 2017-18 Actual**

**O&M Project Committee FY 2018-19
Budget vs. FY 2017-18 Actual**

	FY 2017-18 Budget	FY 2018-19 Budget	Budget Increase/ (Decrease)	Budget Change %	
02-5037-01-**-**	Office Equipment	15,500	13,000	(2,500)	-16.1%
02-5038-02-**-**	Permits	22,000	22,432	432	2.0%
02-5039-01-**-**	Membership Dues/Fees	3,044	4,484	1,440	47.3%
02-5039-02-**-**	Membership Dues/Fees	800	3,560	2,760	345.0%
02-5049-01-**-**	Biosolids Disposal - 21B	550,004	600,000	49,996	9.1%
02-5050-01-**-**	Contract Services Generators - 29A	9,004	9,000	(4)	0.0%
02-5052-01-**-**	Janitorial Services	40,004	40,004	-	0.0%
02-5053-01-**-**	Contract Serv - Digester Cleaning - 29E	-	60,000	60,000	
02-5054-01-**-**	Diesel Truck Maint - 31B	20,004	20,996	992	5.0%
02-5055-01-**-**	Diesel Truck Fuel - 37B	6,000	6,000	-	0.0%
02-5056-01-**-**	Maintenance Equip. & Facilities (Solids) 41-A	138,000	142,004	4,004	2.9%
02-5057-01-**-**	Maintenance Equip. & Facilities (Liquids) 41-B	240,000	246,996	6,996	2.9%
02-5058-01-**-**	Maintenance Equip. & Facilities (Common) 41-C	26,000	27,000	1,000	3.8%
02-5059-01-**-**	Maintenance Equip. & Facilities (Co-Gen) 41-D	250,000	485,004	235,004	94.0%
02-5061-01-**-**	Mileage	1,000	1,016	16	1.6%
02-5061-02-**-**	Mileage	492	1,008	516	104.9%
02-5076-01-**-**	SCADA Infrastructure	-	19,000	19,000	
02-5303-01-**-**	Group Insurance Waiver	3,604	3,600	(4)	-0.1%
02-5305-01-**-**	Medicare Tax Payments for Employees	3,812	3,860	48	1.3%
02-5309-01-**-**	Operating Leases	6,000	25,004	19,004	316.7%
02-5705-01-**-**	Monthly Car Allowance	7,196	8,412	1,216	16.9%
02-6500-01-**-**	IT Allocations in to PC's & Depts.	184,880	190,588	5,708	3.1%
02-6500-02-**-**	IT Allocations in to PC's & Depts.	24,040	22,212	(1,828)	-7.6%
	Total Other Expenses	3,205,968	3,494,444	288,476	9.0%
	Total Jay B Latham Plant	5,689,556	6,163,732	474,176	8.3%
	PC 05 San Juan Creek Ocean Outfall				
	Salary and Fringe				
05-5000-01-**-**	Regular Salaries-O&M	11,252	1,848	(9,404)	-83.6%
05-5000-02-**-**	Regular Salaries-O&M	90,480	122,124	31,644	35.0%
05-5001-01-**-**	Overtime Salaries-O&M	376	1,004	628	167.0%
05-5001-02-**-**	Overtime Salaries-O&M	96	112	16	16.7%
05-5306-01-**-**	Scheduled Holiday Work	96	-	(96)	-100.0%
05-5306-02-**-**	Scheduled Holiday Work	2,404	744	(1,660)	-69.1%
05-5401-01-**-**	Fringe Benefits IN to PC's & Depts.	8,348	1,404	(6,944)	-83.2%
05-5401-02-**-**	Fringe Benefits IN to PC's & Depts.	67,136	92,932	25,796	38.4%
	Total Salary and Fringe	180,188	220,168	39,980	22.2%
	Other Expenses				
05-5002-01-**-**	Electricity	1,000	1,004	4	0.4%
05-5003-01-**-**	Natural Gas	500	512	12	2.4%
05-5014-01-**-**	Engineering - Misc.	-	10,000	10,000	
05-5014-02-**-**	Engineering - Misc.	20,004	-	(20,004)	-100.0%
05-5015-02-**-**	Management Support Services	27,500	9,404	(18,096)	-65.8%
05-5017-02-**-**	Legal Fees	2,004	2,000	(4)	-0.2%
05-5026-01-**-**	Small Vehicle Fuel - 37A	2,496	512	(1,984)	-79.5%
05-5027-01-**-**	Insurance - Property/Liability	5,372	100	(5,272)	-98.1%
05-5027-02-**-**	Insurance - Property/Liability	-	5,656	5,656	
05-5031-02-**-**	Safety Supplies	128	1,004	876	684.4%
05-5034-02-**-**	Travel Expense/Tech. Conferences	2,484	4,472	1,988	80.0%
05-5035-02-**-**	Training Expense	-	548	548	
05-5036-02-**-**	Laboratory Supplies	16,000	19,236	3,236	20.2%
05-5038-02-**-**	Permits	145,000	155,000	10,000	6.9%
05-5044-02-**-**	Offshore Monitoring - 20A	20,004	30,996	10,992	54.9%
05-5045-02-**-**	Offshore Biochemistry - 20B	-	64,996	64,996	
05-5046-02-**-**	Effluent Chemistry - 20C	16,000	44,996	28,996	181.2%

**South Orange County Wastewater Authority
O&M Project Committee FY 2018-19 Budget vs. FY 2017-18 Actual**

**O&M Project Committee FY 2018-19
Budget vs. FY 2017-18 Actual**

		FY 2017-18 Budget	FY 2018-19 Budget	Budget Increase/ (Decrease)	Budget Change %
05-5058-01-**-**	Maintenance Equip. & Facilities (Common) 41-C	1,004	1,004	-	0.0%
05-5069-02-**-**	Misc-Capital-Dilution & Metering Study	15,004	20,004	5,000	33.3%
05-5101-02-**-**	Employee Recognition	-	1,004	1,004	
05-5305-02-**-**	Medicare Tax Payments for Employees	2,352	2,456	104	4.4%
05-5705-02-**-**	Monthly Car Allowance	4,200	4,204	4	0.1%
05-6500-01-**-**	IT Allocations in to PC's & Depts.	1,692	268	(1,424)	-84.2%
05-6500-02-**-**	IT Allocations in to PC's & Depts.	12,952	17,652	4,700	36.3%
	Total Other Expenses	295,696	397,028	101,332	34.3%
	Total PC 05 San Juan Creek Ocean Outfall	475,884	617,196	141,312	29.7%
PC 08 PreTreatment					
	Salary and Fringe				
08-5000-02-**-**	Regular Salaries-O&M	83,504	80,312	(3,192)	-3.8%
08-5001-02-**-**	Overtime Salaries-O&M	1,412	1,376	(36)	-2.5%
08-5306-02-**-**	Scheduled Holiday Work	200	200	-	0.0%
08-5401-02-**-**	Fringe Benefits IN to PC's & Depts.	61,956	61,112	(844)	-1.4%
	Total Salary and Fringe	147,072	143,000	(4,072)	-2.8%
	Other Expenses				
08-5011-02-**-**	Laboratory Services	2,500	3,000	500	20.0%
08-5015-02-**-**	Management Support Services	2,008	4,004	1,996	99.4%
08-5016-02-**-**	Audit - Environmental	500	500	-	0.0%
08-5017-02-**-**	Legal Fees	2,008	2,004	(4)	-0.2%
08-5018-02-**-**	Public Notices/ Public Relations	500	2,004	1,504	300.8%
08-5021-02-**-**	Small Vehicle Expense - 31A	900	1,008	108	12.0%
08-5022-02-**-**	Miscellaneous Expense	1,496	1,496	-	0.0%
08-5026-02-**-**	Small Vehicle Fuel - 37A	1,200	1,196	(4)	-0.3%
08-5027-02-**-**	Insurance - Property/Liability	2,196	-	(2,196)	-100.0%
08-5028-02-**-**	Small Tools & Supplies	3,472	6,644	3,172	91.4%
08-5034-02-**-**	Travel Expense/Tech. Conferences	3,504	4,248	744	21.2%
08-5035-02-**-**	Training Expense	1,496	3,872	2,376	158.8%
08-5038-02-**-**	Permits and Fines	10,008	10,008	-	0.0%
08-5039-02-**-**	Membership Dues/Fees	796	324	(472)	-59.3%
08-6500-02-**-**	IT Allocations in to PC's & Depts.	12,568	11,608	(960)	-7.6%
	Total Other Expenses	45,152	51,916	6,764	15.0%
	Total PC 08 PreTreatment	192,224	194,916	2,692	1.4%
PC 12 Water Reclamation Permits					
	Salary and Fringe				
12-5000-02-**-**	Regular Salaries-O&M	50,192	30,396	(19,796)	-39.4%
12-5306-02-**-**	Scheduled Holiday Work	392	-	(392)	-100.0%
12-5401-02-**-**	Fringe Benefits IN to PC's & Depts.	37,240	23,120	(14,120)	-37.9%
	Total Salary and Fringe	87,824	53,516	(34,308)	-39.1%
	Other Expenses				
12-5015-02-**-**	Management Support Services	15,992	5,512	(10,480)	-65.5%
12-5017-02-**-**	Legal Fees	5,000	6,000	1,000	20.0%
12-5027-02-**-**	Insurance - Property/Liability	2,740	1,000	(1,740)	-63.5%
12-5034-02-**-**	Travel Expense/Tech. Conferences	1,256	2,240	984	78.3%
12-5038-02-**-**	Permits	124,996	18,488	(106,508)	-85.2%
12-6500-02-**-**	IT Allocations in to PC's & Depts.	7,064	4,396	(2,668)	-37.8%
	Total Other Expenses	157,048	37,636	(119,412)	-76.0%
	Total PC 12 Water Reclamation Permits	244,872	91,152	(153,720)	-62.8%

**South Orange County Wastewater Authority
O&M Project Committee FY 2018-19 Budget vs. FY 2017-18 Actual**

**O&M Project Committee FY 2018-19
Budget vs. FY 2017-18 Actual**

FY 2017-18 Budget	FY 2018-19 Budget	Budget Increase/ (Decrease)	Budget Change %
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PC 15 Coastal Treatment Plant

Salary and Fringe

15-5000-01-**-**	Regular Salaries-O&M	697,360	774,280	76,920	11.0%
15-5000-02-**-**	Regular Salaries-O&M	149,952	123,172	(26,780)	-17.9%
15-5001-01-**-**	Overtime Salaries-O&M	10,920	20,008	9,088	83.2%
15-5001-02-**-**	Overtime Salaries-O&M	188	1,248	1,060	563.8%
15-5306-01-**-**	Scheduled Holiday Work	3,004	3,512	508	16.9%
15-5306-02-**-**	Scheduled Holiday Work	1,800	3,028	1,228	68.2%
15-5401-01-**-**	Fringe Benefits IN to PC's & Depts.	517,440	589,224	71,784	13.9%
15-5401-02-**-**	Fringe Benefits IN to PC's & Depts.	111,268	93,736	(17,532)	-15.8%
15-5700-01-**-**	Standby Pay	23,336	13,520	(9,816)	-42.1%
	Total Salary and Fringe	1,515,268	1,621,728	106,460	7.0%

Other Expenses

15-5002-01-**-**	Electricity	283,004	297,000	13,996	4.9%
15-5003-01-**-**	Natural Gas	3,000	2,996	(4)	-0.1%
15-5004-01-**-**	Potable & Reclaimed Water	13,000	13,004	4	0.0%
15-5006-01-**-**	Chlorine/Sodium Hypochlorite	99,996	100,004	8	0.0%
15-5007-01-**-**	Polymer Products	2,004	2,004	-	0.0%
15-5008-01-**-**	Ferric Chloride	30,004	30,996	992	3.3%
15-5009-01-**-**	Odor Control Chemicals	85,000	85,004	4	0.0%
15-5011-02-**-**	Laboratory Services	9,500	11,500	2,000	21.1%
15-5012-01-**-**	Grit Hauling - 21A	30,004	30,004	-	0.0%
15-5013-01-**-**	Landscaping	60,008	60,008	-	0.0%
15-5014-01-**-**	Engineering - Misc.	5,000	5,000	-	0.0%
15-5014-02-**-**	Engineering - Misc.	50,000	15,000	(35,000)	-70.0%
15-5015-01-**-**	Management Support Services	5,000	-	(5,000)	-100.0%
15-5015-02-**-**	Management Support Services	4,500	5,000	500	11.1%
15-5017-01-**-**	Legal Fees	-	5,000	5,000	
15-5019-01-**-**	Contract Services Misc. - 29	67,000	110,000	43,000	64.2%
15-5021-01-**-**	Small Vehicle Expense - 31A	5,996	6,004	8	0.1%
15-5022-01-**-**	Miscellaneous Expense	2,996	2,996	-	0.0%
15-5023-01-**-**	Office Supplies - All	6,996	4,004	(2,992)	-42.8%
15-5024-01-**-**	Petroleum Products	2,000	2,000	-	0.0%
15-5025-01-**-**	Uniforms	5,996	6,004	8	0.1%
15-5026-01-**-**	Small Vehicle Fuel - 37A	5,996	6,004	8	0.1%
15-5027-01-**-**	Insurance - Property/Liability	34,640	23,088	(11,552)	-33.3%
15-5027-02-**-**	Insurance - Property/Liability	-	3,348	3,348	
15-5028-01-**-**	Small Tools & Supplies	9,000	11,000	2,000	22.2%
15-5030-01-**-**	Trash Disposal	2,996	2,996	-	0.0%
15-5031-02-**-**	Safety Supplies	24,000	34,692	10,692	44.6%
15-5032-01-**-**	Equipment Rental	1,000	1,000	-	0.0%
15-5033-01-**-**	Recruitment	-	1,000	1,000	
15-5034-01-**-**	Travel Expense/Tech. Conferences	13,832	14,372	540	3.9%
15-5034-02-**-**	Travel Expense/Tech. Conferences	3,324	4,500	1,176	35.4%
15-5035-01-**-**	Training Expense	15,904	11,668	(4,236)	-26.6%
15-5035-02-**-**	Training Expense	1,116	1,984	868	77.8%
15-5036-02-**-**	Laboratory Supplies	10,004	14,496	4,492	44.9%
15-5037-01-**-**	Office Equipment	1,000	2,000	1,000	100.0%
15-5038-02-**-**	Permits	6,504	22,000	15,496	238.3%
15-5039-01-**-**	Membership Dues/Fees	2,996	968	(2,028)	-67.7%
15-5039-02-**-**	Membership Dues/Fees	804	-	(804)	-100.0%
15-5047-01-**-**	Access Road Expenses	46,996	48,000	1,004	2.1%

**South Orange County Wastewater Authority
O&M Project Committee FY 2018-19 Budget vs. FY 2017-18 Actual**

**O&M Project Committee FY 2018-19
Budget vs. FY 2017-18 Actual**

	FY 2017-18 Budget	FY 2018-19 Budget	Budget Increase/ (Decrease)	Budget Change %
15-5048-01-**-**	19,000	20,008	1,008	5.3%
15-5049-01-**-**	125,000	125,004	4	0.0%
15-5050-01-**-**	4,004	4,004	-	0.0%
15-5052-01-**-**	20,008	20,008	-	0.0%
15-5054-01-**-**	996	1,004	8	0.8%
15-5055-01-**-**	996	1,004	8	0.8%
15-5057-01-**-**	170,004	175,000	4,996	2.9%
15-5058-01-**-**	20,008	21,000	992	5.0%
15-5060-01-04-24	35,000	36,000	1,000	2.9%
15-5061-01-**-**	1,196	-	(1,196)	-100.0%
15-5076-01-**-**	-	19,000	19,000	
15-5303-01-**-**	3,596	3,600	4	0.1%
15-5305-01-**-**	2,964	2,996	32	1.1%
15-5705-01-**-**	4,200	1,364	(2,836)	-67.5%
15-6500-01-**-**	104,820	111,864	7,044	6.7%
15-6500-02-**-**	22,212	17,800	(4,412)	-19.9%
Total Other Expenses	1,485,120	1,556,300	71,180	4.8%
Total PC 15 Coastal Treatment Plant	3,000,388	3,178,028	177,640	5.9%

**PC 17 Joint Regional Wastewater
Reclamation**

Salary and Fringe

17-5000-01-**-**	Regular Salaries-O&M	1,531,652	1,528,388	(3,264)	-0.2%
17-5000-02-**-**	Regular Salaries-O&M	272,888	248,800	(24,088)	-8.8%
17-5001-01-**-**	Overtime Salaries-O&M	39,148	55,008	15,860	40.5%
17-5001-02-**-**	Overtime Salaries-O&M	196	2,712	2,516	1283.7%
17-5306-01-**-**	Scheduled Holiday Work	12,004	22,004	10,000	83.3%
17-5306-02-**-**	Scheduled Holiday Work	2,992	5,316	2,324	77.7%
17-5315-02-**-**	Comp Time - O&M	-	1,084	1,084	
17-5401-01-**-**	Fringe Benefits IN to PC's & Depts.	1,136,496	1,163,108	26,612	2.3%
17-5401-02-**-**	Fringe Benefits IN to PC's & Depts.	202,488	189,336	(13,152)	-6.5%
17-5700-01-**-**	Standby Pay	23,332	27,036	3,704	15.9%
Total Salary and Fringe		3,221,196	3,242,792	21,596	0.7%

Other Expenses

17-5002-01-**-**	Electricity	675,000	381,988	(293,012)	-43.4%
17-5003-01-**-**	Natural Gas	141,000	25,000	(116,000)	-82.3%
17-5004-01-**-**	Potable & Reclaimed Water	34,004	36,000	1,996	5.9%
17-5005-01-**-**	Co-generation Power Credit	(250,000)	(250,008)	(8)	0.0%
17-5006-01-**-**	Chlorine/Sodium Hypochlorite	350,004	361,004	11,000	3.1%
17-5007-01-**-**	Polymer Products	406,008	406,008	-	0.0%
17-5008-01-**-**	Ferric Chloride	125,004	129,000	3,996	3.2%
17-5009-01-**-**	Odor Control Chemicals	50,000	50,000	-	0.0%
17-5010-01-**-**	Other Chemicals - Misc.	4,000	4,000	-	0.0%
17-5011-02-**-**	Laboratory Services	14,000	16,504	2,504	17.9%
17-5012-01-**-**	Grit Hauling - 21A	52,004	54,000	1,996	3.8%
17-5013-01-**-**	Landscaping	74,996	74,996	-	0.0%
17-5014-01-**-**	Engineering - Misc.	5,004	7,500	2,496	49.9%
17-5014-02-**-**	Engineering - Misc.	125,000	25,000	(100,000)	-80.0%
17-5015-01-**-**	Management Support Services	5,004	110,000	104,996	2098.2%
17-5015-02-**-**	Management Support Services	22,504	13,500	(9,004)	-40.0%
17-5017-01-**-**	Legal Fees	-	5,004	5,004	
17-5019-01-**-**	Contract Services Misc. - 29	125,000	150,008	25,008	20.0%
17-5021-01-**-**	Small Vehicle Expense - 31A	6,000	6,000	-	0.0%
17-5022-01-**-**	Miscellaneous Expense	5,996	5,996	-	0.0%
17-5023-01-**-**	Office Supplies - All	9,996	7,000	(2,996)	-30.0%
17-5024-01-**-**	Petroleum Products	41,996	41,996	-	0.0%
17-5025-01-**-**	Uniforms	17,008	18,004	996	5.9%

**South Orange County Wastewater Authority
O&M Project Committee FY 2018-19 Budget vs. FY 2017-18 Actual**

**O&M Project Committee FY 2018-19
Budget vs. FY 2017-18 Actual**

		FY 2017-18 Budget	FY 2018-19 Budget	Budget Increase/ (Decrease)	Budget Change %
17-5026-01-**-**	Small Vehicle Fuel - 37A	12,996	12,988	(8)	-0.1%
17-5027-01-**-**	Insurance - Property/Liability	90,252	72,004	(18,248)	-20.2%
17-5027-02-**-**	Insurance - Property/Liability	-	6,856	6,856	
17-5028-01-**-**	Small Tools & Supplies	25,000	28,008	3,008	12.0%
17-5030-01-**-**	Trash Disposal	1,004	1,996	992	98.8%
17-5031-02-**-**	Safety Supplies	31,352	35,000	3,648	11.6%
17-5032-01-**-**	Equipment Rental	3,004	3,008	4	0.1%
17-5033-01-**-**	Recruitment	-	1,000	1,000	
17-5034-01-**-**	Travel Expense/Tech. Conferences	13,832	14,380	548	4.0%
17-5034-02-**-**	Travel Expense/Tech. Conferences	3,324	4,496	1,172	35.3%
17-5035-01-**-**	Training Expense	15,904	13,668	(2,236)	-14.1%
17-5035-02-**-**	Training Expense	1,124	4,908	3,784	336.7%
17-5036-02-**-**	Laboratory Supplies	19,020	22,744	3,724	19.6%
17-5037-01-**-**	Office Equipment	5,996	9,996	4,000	66.7%
17-5038-02-**-**	Permits	35,000	40,012	5,012	14.3%
17-5039-01-**-**	Membership Dues/Fees	3,004	2,588	(416)	-13.8%
17-5039-02-**-**	Membership Dues/Fees	800	-	(800)	-100.0%
17-5049-01-**-**	Biosolids Disposal - 21B	866,000	914,004	48,004	5.5%
17-5050-01-**-**	Contract Services Generators - 29A	8,000	8,000	-	0.0%
17-5052-01-**-**	Janitorial Services	40,004	40,008	4	0.0%
17-5053-01-**-**	Contract Serv - Digester Cleaning - 29E	60,004	-	(60,004)	-100.0%
17-5054-01-**-**	Diesel Truck Maint - 31B	19,000	19,004	4	0.0%
17-5055-01-**-**	Diesel Truck Fuel - 37B	7,000	7,000	-	0.0%
17-5056-01-**-**	Maintenance Equip. & Facilities (Solids) 41-A	190,004	195,996	5,992	3.2%
17-5057-01-**-**	Maintenance Equip. & Facilities (Liquids) 41-B	164,996	170,000	5,004	3.0%
17-5058-01-**-**	Maintenance Equip. & Facilities (Common) 41-C	25,000	26,000	1,000	4.0%
17-5059-01-**-**	Maintenance Equip. & Facilities (Co-Gen) 41-D	250,000	650,008	400,008	160.0%
17-5060-01-04-22	Maintenance Equip. & Facilities (AWT) 41-E	35,000	36,000	1,000	2.9%
17-5061-01-**-**	Mileage	3,000	-	(3,000)	-100.0%
17-5068-02-04-22	MNWD Lab Services and Supplies	23,996	24,484	488	2.0%
17-5076-01-**-**	SCADA Infrastructure	-	19,000	19,000	
17-5105-01-**-**	Co-Generation Power Credit - Offset	250,000	249,984	(16)	0.0%
17-5303-01-23-16	Group Insurance Waiver	32	-	(32)	-100.0%
17-5303-02-**-**	Group Insurance Waiver	3,564	3,612	48	1.3%
17-5305-01-**-**	Medicare Tax Payments for Employees	1,784	-	(1,784)	-100.0%
17-5305-02-**-**	Medicare Tax Payments for Employees	132	132	-	0.0%
17-5309-01-**-**	Operating Leases	6,000	6,000	-	0.0%
17-5705-01-**-**	Monthly Car Allowance	8,396	7,192	(1,204)	-14.3%
17-5705-02-**-**	Monthly Car Allowance	4,204	4,196	(8)	-0.2%
17-5706-01-**-**	Effluent Pond Cleaning	90,004	90,000	(4)	0.0%
17-6500-01-**-**	IT Allocations in to PC's & Depts.	230,508	220,848	(9,660)	-4.2%
17-6500-02-**-**	IT Allocations in to PC's & Depts.	40,652	35,960	(4,692)	-11.5%
	Total Other Expenses	4,628,420	4,679,580	51,160	1.1%
	Total PC 17 Joint Reginal Wastewater Reclamation	7,849,616	7,922,372	72,756	0.9%

**South Orange County Wastewater Authority
O&M Project Committee FY 2018-19 Budget vs. FY 2017-18 Actual**

**O&M Project Committee FY 2018-19
Budget vs. FY 2017-18 Actual**

FY 2017-18 Budget	FY 2018-19 Budget	Budget Increase/ (Decrease)	Budget Change %
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PC 21 Effluent Transmission

Other Expenses

21-5014-02-**-**	Engineering - Misc.	62,496	62,496	-	0.0%
21-5015-01-**-**	Management Support Services	-	2,500	2,500	
21-5027-02-**-**	Insurance - Property/Liability	728	-	(728)	-100.0%
	Total Other Expenses	63,224	64,996	1,772	2.8%

Total PC 21 Effluent Transmission

63,224	64,996	1,772	2.8%
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PC 24 Aliso Creek Ocean Outfall

Salary and Fringe

24-5000-01-**-**	Regular Salaries-O&M	6,696	3,408	(3,288)	-49.1%
24-5000-02-**-**	Regular Salaries-O&M	85,624	124,748	39,124	45.7%
24-5001-01-**-**	Overtime Salaries-O&M	348	504	156	44.8%
24-5001-02-**-**	Overtime Salaries-O&M	196	156	(40)	-20.4%
24-5306-01-**-**	Scheduled Holiday Work	104	92	(12)	-11.5%
24-5306-02-**-**	Scheduled Holiday Work	3,112	244	(2,868)	-92.2%
24-5401-01-**-**	Fringe Benefits IN to PC's & Depts.	4,960	2,588	(2,372)	-47.8%
24-5401-02-**-**	Fringe Benefits IN to PC's & Depts.	63,528	94,940	31,412	49.4%
	Total Salary and Fringe	164,568	226,680	62,112	37.7%

Other Expenses

24-5002-01-**-**	Electricity	996	1,000	4	0.4%
24-5014-02-**-**	Engineering - Misc.	20,004	20,004	-	0.0%
24-5015-01-**-**	Management Support Services	-	2,500	2,500	
24-5015-02-**-**	Management Support Services	27,504	22,508	(4,996)	-18.2%
24-5017-02-**-**	Legal Fees	2,004	2,004	-	0.0%
24-5027-01-**-**	Insurance - Property/Liability	-	100	100	
24-5027-02-**-**	Insurance - Property/Liability	5,364	5,500	136	2.5%
24-5031-02-**-**	Safety Supplies	996	996	-	0.0%
24-5034-02-**-**	Travel Expense/Tech. Conferences	2,480	4,496	2,016	81.3%
24-5035-02-**-**	Training Expense	-	524	524	
24-5036-02-**-**	Laboratory Supplies	16,996	19,560	2,564	15.1%
24-5038-02-**-**	Permits	131,992	148,004	16,012	12.1%
24-5044-02-**-**	Offshore Monitoring - 20A	22,004	65,004	43,000	195.4%
24-5045-02-**-**	Offshore Biochemistry - 20B	-	45,004	45,004	
24-5046-02-**-**	Effluent Chemistry - 20C	29,996	31,980	1,984	6.6%
24-5058-01-**-**	Maintenance Equip. & Facilities (Common) 41-C	996	1,000	4	0.4%
24-5067-02-**-**	Port Cleaning	35,000	35,000	-	0.0%
24-5802-01-**-**	Shipping/Freight	-	144	144	
24-6500-01-**-**	IT Allocations in to PC's & Depts.	1,008	3,392	2,384	236.5%
24-6500-02-**-**	IT Allocations in to PC's & Depts.	12,288	15,048	2,760	22.5%
	Total Other Expenses	309,628	423,768	114,140	36.9%

Total PC 24 Aliso Creek Ocean Outfall

474,196	650,448	176,252	37.2%
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Total SOCWA

17,989,960	18,882,840	892,880	5.0%
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Q1 – Q4 2018-19 Budget by Project Committee and Member Agency

(Pending)

**South Orange County Wastewater Authority
Administration Expenses 1 Year Detail
(*Includes General Fund Expenses)**

	FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Budget	FY 2018-19 Budget	Q1 FY 18-19	Q2 FY 18-19	Q3 FY 18-19	Q4 FY 18-19
Salary and Fringe								
01-6000-04-00-00 Regular Salaries-Admin & IT	667,234	695,744	871,373	991,803	247,951	247,951	247,951	247,951
01-6001-04-00-00 Overtime Salaries-Admin & IT	21,816	27,883	10,000	12,000	3,000	3,000	3,000	3,000
01-6315-04-00-00 Comp Time - Admin		1,914		10,000	2,500	2,500	2,500	2,500
01-6401-04-00-00 Fringe Benefits IN to PC's & Depts.	520,442	602,675	646,559	754,762	188,690	188,690	188,690	188,690
Total Payroll Costs	1,209,491	1,328,215	1,527,932	1,768,565	442,141	442,141	442,141	442,141
Other Expenses								
01-5018-04-00-00 Public Notices/ Public Relations	1,350		1,400	1,400	350	350	350	350
01-5027-04-00-00 Insurance - Property/Liability	74	28			-	-	-	-
01-5304-04-00-00 Earned Benefit	2,211				-	-	-	-
01-6101-04-00-00 HR Recruitment & Employee Relations	22,310	35,803	10,104	21,200	5,300	5,300	5,300	5,300
01-6102-04-00-00 Subscriptions	0	1,334	1,008	3,243	811	811	811	811
01-6200-04-00-00 Management Support Services	180,895	162,229	112,500	112,500	28,125	28,125	28,125	28,125
01-6201-04-00-00 Audit	22,900	34,700	35,000	40,000	10,000	10,000	10,000	10,000
01-6202-04-00-00 Legal	76,861	188,130	90,000	250,000	62,500	62,500	62,500	62,500
01-6203-04-00-00 Outside Services	0	5,110	2,016		0	0	0	0
01-6204-04-00-00 Postage	3,512	2,521	708	2,319	580	580	580	580
01-6220-04-00-00 Board of Directors - Fees	10,854							
01-6223-04-00-00 Office Supplies - Admin	2,705	4,041	7,500	8,470	2,118	2,118	2,118	2,118
01-6224-04-00-00 Office Equipment Admin or IT	7,814	9,132	8,000	8,000	2,000	2,000	2,000	2,000
01-6234-04-00-00 Memberships & Trainings	56,335	75,467	84,827	89,520	22,380	22,380	22,380	22,380
01-6239-04-00-00 Travel & Conference	24,734	23,794	36,950	20,800	5,200	5,200	5,200	5,200
01-6240-04-00-00 Scholarship Sponsorship	1,000	1,000	1,000	1,000	250	250	250	250
01-6310-04-00-00 Miscellaneous	18,236	20,831	14,000	20,000	5,000	5,000	5,000	5,000
01-6311-04-00-00 Mileage	328	941	1,000	1,000	250	250	250	250
01-6317-04-00-00 Contract Services Misc	4,225	8,070	1,800	4,936	1,234	1,234	1,234	1,234
01-6500-04-00-00 IT Allocations in to PC's & Depts.	80,556	80,812	111,365	139,748	34,937	34,937	34,937	34,937
01-6601-04-00-00 Shipping/Freight	1,067	2,647	1,200	1,500	375	375	375	375
01-6705-04-00-00 Monthly Car Allowance	11,608	12,231	12,000	12,000	3,000	3,000	3,000	3,000
Total Other Expenses	529,575	668,821	532,378	737,637	184,409	184,409	184,409	184,409
Total Administration Expenses	1,739,067	1,997,036	2,060,310	2,506,202	626,551	626,551	626,551	626,551

Percent Change			
FY 2015-16 Actual	FY 2016-17 Budget	FY 2017-18 Budget	FY 2018-19 Budget
	4.3%	25.2%	13.8%
	27.8%	-64.1%	20.0%
	15.8%	7.3%	16.7%
	9.8%	15.0%	15.7%
	60.5%	-71.8%	109.8%
		-24.5%	221.8%
	-10.3%	-30.7%	0.0%
	51.5%	0.9%	14.3%
	144.8%	-52.2%	177.8%
		-60.5%	-100.0%
	-28.2%	-71.9%	227.6%
	49.4%	85.6%	12.9%
	16.9%	-12.4%	0.0%
	34.0%	12.4%	5.5%
	-3.8%	55.3%	-43.7%
	0.0%	0.0%	0.0%
	14.2%	-32.8%	42.9%
	186.6%	6.3%	0.0%
	91.0%	-77.7%	174.2%
	0.3%	37.8%	25.5%
	148.2%	-54.7%	25.0%
	5.4%	-1.9%	0.0%
	26.3%	-20.4%	38.6%
	14.8%	3.2%	21.6%

PTO taken changed to 8%, impact more regular salaries and lower fringe rate because more time added to base. Labor is either in regular salaries or PTO Time taken. If vacation and sick not taken, costs increase for Authority, paying regular salaries and accrued PTO.

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

**South Orange County Wastewater Authority
General Fund Expenses 1 Year Detail
(Taken From Administration Expenses)**

		Board Approved, 6/14/2017, General Fund %'s	TCWD Recommended General Fund %'s	FY 2017-18 Budget	FY 18-19 Budget	Q1 FY 18-19	Q2 FY 18-19	Q3 FY 18-19	Q4 FY 18-19
Salary and Fringe									
01-6000-04-00-00	Regular Salaries-Admin & IT	Footnote #1	Footnote #1	150,343	97,975	24,494	24,494	24,494	24,494
01-6001-04-00-00	Overtime Salaries-Admin & IT	50%	50%	5,000	6,000	1,500	1,500	1,500	1,500
01-6315-04-00-00	Comp Time - Admin				5,000	1,250	1,250	1,250	1,250
01-6401-04-00-00	Fringe Benefits IN to PC's & Depts.			111,554	74,559	18,640	18,640	18,640	18,640
	Total Payroll Costs			266,897	183,533	45,883	45,883	45,883	45,883
Other Expenses									
01-5018-04-00-00	Public Notices/ Public Relations	100%	100%	1,400	1,400	350	350	350	350
01-5027-04-00-00	Insurance - Property/Liability					-	-	-	-
01-6224-04-00-00	Office Equipment	100%	100%	8,000	8,000	2,000	2,000	2,000	2,000
01-5304-04-00-00	Earned Benefit			-	-	-	-	-	-
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%	100%	35,000	40,000	10,000	10,000	10,000	10,000
01-6202-04-00-00	Legal	40%	36%	36,000	90,000	22,500	22,500	22,500	22,500
01-6203-04-00-00	Outside Services	100%	100%	2,016	-	-	-	-	-
01-6204-04-00-00	Postage	20%	30.6%	142	710	178	178	178	178
01-6220-04-00-00	Board of Directors - Fees					-	-	-	-
01-6223-04-00-00	Office Supplies - Admin	100%	100%	7,500	8,470	2,118	2,118	2,118	2,118
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%	70.0%	2,800	14,000	3,500	3,500	3,500	3,500
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%	77.7%	5,568	108,573	27,143	27,143	27,143	27,143
01-6601-04-00-00	Shipping/Freight					-	-	-	-
01-6705-04-00-00	Monthly Car Allowance					-	-	-	-
	Total Other Expenses			98,426	271,153	67,788	67,788	67,788	67,788
Total General Fund Expenses				365,323	454,687	113,672	113,672	113,672	113,672

Time Allocation		
(1)	Executive Assistant	50%
	GM	50%
	Controller	5%
	Average	20.8%
		97,975

South Orange County Wastewater Authority Residual Engineering Expenses 1 Year Detail

	FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Budget	FY 18-19 Budget	Q1 FY 18-19	Q2 FY 18-19	Q3 FY 18-19	Q4 FY 18-19
Salary and Fringe								
01-5000-03-00-00 Regular Salaries-O&M	43,715	153,513	155,460	199,834	49,958	49,958	49,958	49,958
01-5401-03-00-00 Fringe Benefits IN to PC's & Depts.	34,097	126,599	115,351	152,073	38,018	38,018	38,018	38,018
Total Payroll Costs	77,812	280,112	270,812	351,907	87,977	87,977	87,977	87,977
Other Expenses								
01-5014-03-00-00 Engineering - Misc.	3,186							
01-5015-03-00-00 Management Support Services	16,004		1,000	7,500	7,500			
01-5017-03-00-00 Legal Fees		830						
01-5022-03-00-00 Miscellaneous Expense	7,437		3,000	3,060	765	765	765	765
01-5023-03-00-00 Office Supplies - All	37	-	-	200	50	50	50	50
01-5033-03-00-00 Recruitment	29,815	265						
01-5034-03-00-00 Travel Expense/Tech. Conferences	974	1,893	6,350	6,659	1,665	1,665	1,665	1,665
01-5035-03-00-00 Training Expense	594	2,131	3,300	4,000	1,000	1,000	1,000	1,000
01-5037-03-00-00 Office Equipment				5,000	1,250	1,250	1,250	1,250
01-5039-03-00-00 Membership Dues/Fees	862	779	1,775	2,025	506	506	506	506
01-5061-03-00-00 Mileage	98	147	200	300	75	75	75	75
01-5077-03-00-00 IT Direct								
01-5309-03-00-00 Operating Leases	15,348	18,637	16,500	20,637	5,159	5,159	5,159	5,159
01-5301-03-00-00 Monthly Car Allowance	1,938	4,281	4,200	4,200	1,050	1,050	1,050	1,050
01-5802-03-00-00 Shipping/Freight	-	79	300	300	75	75	75	75
01-6500-03-00-00 IT Allocations in to PC's & Depts.	45,721	34,864	58,489	60,065	15,016	15,016	15,016	15,016
Total Other Expenses	122,014	63,906	95,114	113,946	34,112	26,612	26,612	26,612
Total Residual Engineering Expenses	199,826	344,018	365,926	465,853	122,088	114,588	114,588	114,588

Percent Change			
FY 2015-16 Actual	FY 2016-17 Actual	FY 2017-18 Budget	FY 18-19 Budget
	251.2%	1.3%	28.5%
	271.3%	-8.9%	31.8%
	260.0%	-3.3%	29.9%
	-100.0%		650.0%
		-100.0%	
	-100.0%		2.0%
	-100.0%		
	-99.1%	-100.0%	
	94.4%	235.4%	4.9%
	258.8%	54.8%	21.2%
	-9.6%	127.9%	14.1%
	50.0%	36.4%	50.0%
	21.4%	-11.5%	25.1%
	120.8%	-1.9%	0.0%
		277.7%	0.0%
	-23.7%	67.8%	2.7%
	-47.6%	48.8%	19.8%
	72.2%	6.4%	27.3%

Engineering Labor & Fringe to Capital

383,504

**South Orange County Wastewater Authority
IT Expenses 1 Year Detail**

	FY 2015-16 Actual	FY 2016-17 Budget	FY 2017-18 Budget	FY 2018-19 Budget	Q1 FY 18-19	Q2 FY 18-19	Q3 FY 18-19	Q4 FY 18-19
Salary & Fringe								
01-6000-05-00-00 Regular Salaries-Admin & IT	66,870	74,052	87,428	93,378	23,345	23,345	23,345	23,345
01-6001-05-00-00 Overtime Salaries-Admin & IT	1,275	2,004	2,076	3,082	770	770	770	770
01-6315-05-00-00 Comp Time - IT				2,332	583	583	583	583
01-5401-05-00-00 Fringe Benefits IN to PC's & Depts.	52,159	52,572	64,871	71,061	17,765	17,765	17,765	17,765
Total Salary & Fringe	120,304	128,628	154,375	169,853	42,463	42,463	42,463	42,463
Other Expenses								
01-5023-05-00-00 Office Supplies - All	91	-	-	-	-	-	-	-
01-5028-05-00-00 Small Tools & Supplies	458	504	1,250	1,000	250	250	250	250
01-5035-05-00-00 Training Expense	99	-	7,800	12,000	3,000	3,000	3,000	3,000
01-5037-05-00-00 Office Equipment	3,626	6,000	1,270	400	100	100	100	100
01-5061-05-00-00 Mileage	83	348	1,008	-	-	-	-	-
01-6102-05-00-00 Subscriptions	168	-	-	-	-	-	-	-
01-6200-05-00-00 Management Support Services	5,021	-	-	64,500	16,125	16,125	16,125	16,125
01-6234-05-00-00 Memberships & Trainings	13,701	1,848	-	2,750	688	688	688	688
01-6239-05-00-00 Travel & Conference	1,586	2,496	9,900	4,210	1,053	1,053	1,053	1,053
01-6300-05-00-00 Software Maintenance Agreements	74,078	57,144	170,893	98,893	24,723	24,723	24,723	24,723
01-6301-05-00-00 Hardware Maintenance Agreements	150,043	12,912	11,657	11,657	2,914	2,914	2,914	2,914
01-6302-05-00-00 Cloud Subscriptions (Internet)	21,049	9,516	45,300	45,800	11,450	11,450	11,450	11,450
01-6303-05-00-00 Telecommunications	116,136	109,020	134,300	129,940	32,485	32,485	32,485	32,485
01-6305-05-00-00 IT Professional Services	158,246	241,500	77,000	157,000	39,250	39,250	39,250	39,250
01-6306-05-00-00 Small Hardware Purchases (< \$5k)	4,692	34,896	70,000	46,800	11,700	11,700	11,700	11,700
01-6307-05-00-00 Small Software Purchases & Licenses(<\$5k)	13,469	48,540	89,455	43,735	10,934	10,934	10,934	10,934
01-6308-05-00-00 IT Memberships	-	-	160	160	40	40	40	40
01-6309-05-00-00 Operating Leases	42,880	44,004	44,000	55,200	13,800	13,800	13,800	13,800
01-6310-05-00-00 Miscellaneous	-	996	5,000	5,000	1,250	1,250	1,250	1,250
01-6312-05-00-00 Computer & Photocopy Supplies	-	252	900	2,275	569	569	569	569
01-6601-05-00-00 Shipping/Freight	-	252	276	276	69	69	69	69
Total Other Expenses	605,426	570,228	670,169	681,596	170,399	170,399	170,399	170,399
Total IT Expenses	725,730	698,856	824,544	851,449	212,862	212,862	212,862	212,862
IT Allocations (Out) to PC's & Depts								
01-6400-05-00-00 IT Allocations (OUT) to PC's & Depts.	(725,730)	(698,856)	(824,544)	(851,449)	(212,862)	(212,862)	(212,862)	(212,862)
Total IT Allocations (Out) to PC's & Depts	(725,730)	(698,856)	(824,544)	(851,449)	(212,862)	(212,862)	(212,862)	(212,862)

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

O&M Committees Detail:

FY 2019-20

FY 2020-21

FY 2021-22

FY 2022-23

(Pending)

Project Committee Allocations

**South Orange County Wastewater Authority
PC 02 Jay B. Latham Plant
O&M Budget Distribution by Member Agency and Wastewater Code**

	Liquids			Solids			Common - Liquids			Common - Solids			Total		
	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance
Member Agency Budget by Wastewater Code															
City of San Juan Capistrano	717,616	687,728	(29,888)	556,976	703,636	146,660	183,100	176,084	(7,016)	178,496	171,696	(6,800)	1,636,188	1,739,144	102,956
Moulton Niguel Water District	473,668	454,056	(19,612)	593,150	536,204	(56,946)	137,336	132,092	(5,244)	128,652	123,704	(4,948)	1,332,806	1,246,056	(86,750)
Santa Margarita Water District	478,412	458,576	(19,836)	599,076	969,720	370,644	102,936	99,056	(3,880)	168,868	162,400	(6,468)	1,349,292	1,689,752	340,460
South Coast Water District	575,512	551,528	(23,984)	520,652	657,764	137,112	171,680	165,040	(6,640)	119,024	114,448	(4,576)	1,386,868	1,488,780	101,912
Total	2,245,208	2,151,888	(93,320)	2,269,854	2,867,324	597,470	595,052	572,272	(22,780)	595,040	572,248	(22,792)	5,705,154	6,163,732	458,578
Budget Change vs. 2015-16 Actual			-4.2%			26.3%			-3.8%			-3.8%			8.0%

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

**South Orange County Wastewater Authority
PC 05 San Juan Creek Ocean Outfall
O&M Budget Distribution by Member Agency and Wastewater Code**

	Fixed			Var 5%			VAR 95%			Total		
	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance	FY 16-17 Actual	FY 18-19 Budget	Variance
Member Agency Budget by Wastewater Code												
City of San Clemente	42,352	30,208	(12,144)	2,448	3,620	1,172	60,456	89,212	28,756	105,256	123,040	17,784
City of San Juan Capistrano	28,236	20,144	(8,092)	1,644	2,408	764	56,083	82,788	26,705	85,963	105,340	19,377
Moulton Niguel Water District	39,524	28,192	(11,332)	2,280	3,376	1,096	48,096	70,980	22,884	89,900	102,548	12,648
Santa Margarita Water District	112,932	80,556	(32,376)	6,540	9,660	3,120	74,077	109,332	35,255	193,549	199,548	5,999
South Coast Water District	31,776	22,664	(9,112)	1,836	2,724	888	41,565	61,332	19,767	75,177	86,720	11,543
Total	254,820	181,764	(73,056)	14,748	21,788	7,040	280,277	413,644	133,367	549,845	617,196	67,351
Member Agency Wastewater Code Allocation %'s												
City of San Clemente	16.6%	16.6%	0.0%	16.6%	16.6%	0.0%	21.6%	21.6%	0.0%	19.1%	19.9%	0.8%
City of San Juan Capistrano	11.1%	11.1%	0.0%	11.1%	11.1%	-0.1%	20.0%	20.0%	0.0%	15.6%	17.1%	1.4%
Moulton Niguel Water District	15.5%	15.5%	0.0%	15.5%	15.5%	0.0%	17.2%	17.2%	0.0%	16.3%	16.6%	0.3%
Santa Margarita Water District	44.3%	44.3%	0.0%	44.3%	44.3%	0.0%	26.4%	26.4%	0.0%	35.2%	32.3%	-2.9%
South Coast Water District	12.5%	12.5%	0.0%	12.4%	12.5%	0.1%	14.8%	14.8%	0.0%	13.7%	14.1%	0.4%
Total	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%

**South Orange County Wastewater Authority
PC 08 Pretreatment Program
O&M Budget Distribution by Member Agency and Wastewater Code**

	Insurance			Time Card			Total		
	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance
Member Agency Budget by Wastewater Code									
City of Laguna Beach	160	168	8	5,864	7,652	1,788	6,024	7,820	1,796
City of San Clemente	160	168	8	13,064	16,988	3,924	13,224	17,156	3,932
City of San Juan Capistrano	160	168	8	6,868	8,928	2,060	7,028	9,096	2,068
El Toro Water District	160	168	8	3,860	5,016	1,156	4,020	5,184	1,164
Emerald Bay Service District	160	168	8	1,680	2,188	508	1,840	2,356	516
Irvine Ranch Water District	160	168	8	18,072	23,508	5,436	18,232	23,676	5,444
Moulton Niguel Water District	160	168	8	35,267	45,840	10,573	35,427	46,008	10,581
Santa Margarita Water District	160	168	8	38,148	49,600	11,452	38,308	49,768	11,460
South Coast Water District	160	168	8	25,900	33,684	7,784	26,060	33,852	7,792
Total	1,440	1,512	72	148,723	193,404	44,681	150,163	194,916	44,753
Member Agency Wastewater Code Allocation %'s									
City of Laguna Beach	11.1%	11.1%		3.9%	4.0%	0.0%	4.0%	4.0%	0.0%
City of San Clemente	11.1%	11.1%		8.8%	8.8%	0.0%	8.8%	8.8%	0.0%
City of San Juan Capistrano	11.1%	11.1%		4.6%	4.6%	0.0%	4.7%	4.7%	0.0%
El Toro Water District	11.1%	11.1%		2.6%	2.6%	0.0%	2.7%	2.7%	0.0%
Emerald Bay Service District	11.1%	11.1%		1.1%	1.1%	0.0%	1.2%	1.2%	0.0%
Irvine Ranch Water District	11.1%	11.1%		12.2%	12.2%	0.0%	12.1%	12.1%	0.0%
Moulton Niguel Water District	11.1%	11.1%		23.7%	23.7%	0.0%	23.6%	23.6%	0.0%
Santa Margarita Water District	11.1%	11.1%		25.7%	25.6%	0.0%	25.5%	25.5%	0.0%
South Coast Water District	11.1%	11.1%		17.4%	17.4%	0.0%	17.4%	17.4%	0.0%
Total	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%

**South Orange County Wastewater Authority
PC 12 SO Water Reclamation Permits
O&M Budget Distribution by Member Agency and Wastewater Co**

	Region 9			Equally			Total		
	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance
Member Agency Budget by Wastewater Code									
City of San Juan Capistrano	3,320	1,632	(1,688)	16,268	9,116	(7,152)	19,588	10,748	(8,840)
El Toro Water District	-	-	-	-	-	-	-	-	-
Irvine Ranch Water District	5,107	-	(5,107)	16,268	-	(16,268)	21,375	-	(21,375)
Moulton Niguel Water District	36,909	18,176	(18,733)	16,268	9,116	(7,152)	53,177	27,292	(25,885)
Santa Margarita Water District	42,866	21,112	(21,754)	16,268	9,116	(7,152)	59,134	30,228	(28,906)
South Coast Water District	5,751	2,836	(2,915)	16,268	9,116	(7,152)	22,019	11,952	(10,067)
Trabuco Canyon Water District	3,691	1,816	(1,875)	16,268	9,116	(7,152)	19,959	10,932	(9,027)
Total	97,644	45,572	(52,072)	97,608	45,580	(52,028)	195,252	91,152	(104,100)
Member Agency Wastewater Code Allocation %'s									
City of San Juan Capistrano	3.4%	3.6%	0.2%	16.7%	20.0%	3.3%	10.0%	11.8%	1.8%
El Toro Water District	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Irvine Ranch Water District	5.2%	0.0%	-5.2%	16.7%	0.0%	-16.7%	10.9%	0.0%	-10.9%
Moulton Niguel Water District	37.8%	39.9%	2.1%	16.7%	20.0%	3.3%	27.2%	29.9%	2.7%
Santa Margarita Water District	43.9%	46.3%	2.4%	16.7%	20.0%	3.3%	30.3%	33.2%	2.9%
South Coast Water District	5.9%	6.2%	0.3%	16.7%	20.0%	3.3%	11.3%	13.1%	1.8%
Trabuco Canyon Water District	3.8%	4.0%	0.2%	16.7%	20.0%	3.3%	10.2%	12.0%	1.8%
Total	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%

**South Orange County Wastewater Authority
PC 15 Coastal Treatment Plant / AWT
O&M Budget Distribution by Member Agency and Wastewater Code**

Member Agency Budget by Wastewater Code	Liquids			Common Liquids			AWT			Total		
	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance
City of Laguna Beach	879,400	1,133,080	253,680	340,840	355,752	14,912	-	-	-	1,220,240	1,488,832	268,592
Emerald Bay Service District	24,836	32,032	7,196	26,876	28,048	1,172	-	-	-	51,712	60,080	8,368
Moulton Niguel Water District	-	-	-	263,019	274,492	11,473	-	-	-	263,019	274,492	11,473
South Coast Water District	586,272	756,060	169,788	268,372	280,128	11,756	334,792	318,436	(16,356)	1,189,436	1,354,624	165,188
Total	1,490,508	1,921,172	430,664	899,107	938,420	39,313	334,792	318,436	(16,356)	2,724,407	3,178,028	453,621
Budget Change vs. 2015-16 Actual			28.9%			4.4%			-4.9%			16.7%

Member Agency Wastewater Code Allocation %'s	Liquids			Common Liquids			AWT			Total		
	FY 16/17 Actual	FY 18/19 Budget	% Variance	FY 16/17 Actual	FY 18/19 Budget	% Variance	FY 16/17 Actual	FY 18/19 Budget	% Variance	FY 16/17 Actual	FY 18/19 Budget	% Variance
City of Laguna Beach	59.0%	59.0%	0.0%	37.9%	37.9%	0.0%				44.8%	46.8%	2.1%
Emerald Bay Service District	1.7%	1.7%	0.0%	3.0%	3.0%	0.0%				1.9%	1.9%	0.0%
Moulton Niguel Water District	0.0%	0.0%	0.0%	29.3%	29.3%	0.0%				9.7%	8.6%	-1.0%
South Coast Water District	39.3%	39.4%	0.0%	29.8%	29.9%	0.0%	100.0%	100.0%	0.0%	43.7%	42.6%	-1.0%
Total	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%

**South Orange County Wastewater Authority
PC 17 Joint Regional Wastewater Reclamation
O&M Budget Distribution by Member Agency and Wastewater Code**

	Liquids			Solids			AWT			Common Liquids			Common Solids			Total		
	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance
Member Agency Budget by Wastewater Code																		
City of Laguna Beach	3,156	3,664	508	383,616	448,304	64,688	-	-	-	-	-	-	60,436	73,964	13,528	447,208	525,932	78,724
El Toro Water District	3,640	4,244	604	430,152	502,696	72,544	-	-	-	-	-	-	109,944	134,556	24,612	543,736	641,496	97,760
Emerald Bay Service District	100	104	4	11,832	13,824	1,992	-	-	-	-	-	-	3,168	3,888	720	15,100	17,816	2,716
Moulton Niguel Water District	2,009,461	2,337,300	327,839	1,983,112	2,317,520	334,408	540,472	661,660	121,188	619,876	661,608	41,732	316,908	387,780	70,872	5,469,829	6,365,868	896,039
South Coast Water District	2,096	2,436	340	265,060	309,756	44,696	-	-	-	-	-	-	48,272	59,068	10,796	315,428	371,260	55,832
Total	2,018,453	2,347,748	329,295	3,073,772	3,592,100	518,328	540,472	661,660	121,188	619,876	661,608	41,732	538,728	659,256	120,528	6,791,301	7,922,372	1,131,071
Budget Change vs. 2015-16 Actual			16.3%			16.9%			22.4%			6.7%			22.4%			16.7%

	Liquids			Solids			AWT			Common Liquids			Common Solids			Total		
	FY 16/17 Actual	FY 18/19 Budget	% Variance	FY 16/17 Actual	FY 18/19 Budget	% Variance	FY 16/17 Actual	FY 18/19 Budget	% Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	% Variance	FY 16/17 Actual	FY 18/19 Budget	% Variance
Member Agency Wastewater Code Allocation %'s																		
City of Laguna Beach	0.2%	0.2%	0.0%	12.5%	12.5%	0.0%							11.2%	11.2%	0.0%	6.6%	6.6%	0.1%
El Toro Water District	0.2%	0.2%	0.0%	14.0%	14.0%	0.0%							20.4%	20.4%	0.0%	8.0%	8.1%	0.1%
Emerald Bay Service District	0.0%	0.0%	0.0%	0.4%	0.4%	0.0%							0.6%	0.6%	0.0%	0.2%	0.2%	0.0%
Moulton Niguel Water District	99.6%	99.6%	0.0%	64.5%	64.5%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	58.8%	58.8%	0.0%	80.5%	80.4%	-0.2%
South Coast Water District	0.1%	0.1%	0.0%	8.6%	8.6%	0.0%							9.0%	9.0%	0.0%	4.6%	4.7%	0.0%
Total	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%

**South Orange County Wastewater Authority
PC 21 Effluent Transmission Main
O&M Budget Distribution by Member Agency and Wastewater Code**

	Reach B/C/D			Reach E			Total		
	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance
Member Agency Budget by Wastewater Code									
El Toro Water District	448	21,772	21,324	100	4,876	4,776	548	26,648	(24,927)
Irvine Ranch Water District	448	21,772	21,324	100	4,876	4,776	548	26,648	(24,927)
Moulton Niguel Water District	-	-	-	240	11,700	11,460	240	11,700	(10,667)
Total	896	43,544	42,648	440	21,452	21,012	1,336	64,996	(60,521)
Member Agency Wastewater Code Allocation %'s									
El Toro Water District	50.0%	50.0%	0.0%	22.7%	22.7%	0.0%	41.0%	41.0%	0.0%
Irvine Ranch Water District	50.0%	50.0%	0.0%	22.7%	22.7%	0.0%	41.0%	41.0%	0.0%
Moulton Niguel Water District				54.5%	54.5%	0.0%	18.0%	18.0%	0.0%
Total	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%

**South Orange County Wastewater Authority
PC 24 Aliso Creek Ocean Outfall
O&M Budget Distribution by Member Agency and Wastewater Code**

	Fixed			Var 5%			Var 95%			Total		
	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance
Member Agency Budget by Wastewater Code												
City of Laguna Beach	26,316	35,672	9,356	1,252	1,796	544	15,364	54,908	39,544	42,932	92,376	49,444
El Toro Water District	38,984	52,852	13,868	1,844	2,656	812	20,012	71,528	51,516	60,840	127,036	66,196
Emerald Bay Service District	1,868	2,532	664	84	120	36	432	1,536	1,104	2,384	4,188	1,804
Irvine Ranch Water District	37,696	51,096	13,400	1,784	2,572	788	148,552	71,976	(76,576)	188,032	125,644	(62,388)
Moulton Niguel Water District	104,902	142,176	37,274	4,964	7,148	2,184	25,068	89,624	64,556	134,934	238,948	104,014
South Coast Water District	29,440	39,912	10,472	1,392	2,008	616	5,684	20,336	14,652	36,516	62,256	25,740
Total	239,206	324,240	85,034	11,320	16,300	4,980	215,112	309,908	94,796	465,638	650,448	184,810

	Fixed			Var 5%			Var 95%			Total		
	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance	FY 16/17 Actual	FY 18/19 Budget	Variance
Member Agency Wastewater Code Allocation %'s												
City of Laguna Beach	11.0%	11.0%	0.0%	11.1%	11.0%	0.0%	7.1%	17.7%	10.6%	9.2%	14.2%	5.0%
El Toro Water District	16.3%	16.3%	0.0%	16.3%	16.3%	0.0%	9.3%	23.1%	13.8%	13.1%	19.5%	6.5%
Emerald Bay Service District	0.8%	0.8%	0.0%	0.7%	0.7%	0.0%	0.2%	0.5%	0.3%	0.5%	0.6%	0.1%
Irvine Ranch Water District	15.8%	15.8%	0.0%	15.8%	15.8%	0.0%	69.1%	23.2%	-45.8%	40.4%	19.3%	-21.1%
Moulton Niguel Water District	43.9%	43.8%	0.0%	43.9%	43.9%	0.0%	11.7%	28.9%	17.3%	29.0%	36.7%	7.8%
South Coast Water District	12.3%	12.3%	0.0%	12.3%	12.3%	0.0%	2.6%	6.6%	3.9%	7.8%	9.6%	1.7%
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%

O&M Capital

**South Orange County Wastewater Authority
2 Year Capital Budget by Member Agency**

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

2 Year Capital Budget Detail by Member Agency

	1		2	
	FY 2016-17 Budget	FY 2017-18 Budget	FY 2018-19 Budget	FY 2019-20 Forecast
Large Capital Projects				
Member Agency				
City of Laguna Beach	1,586,729	2,478,435	3,603,845	6,209,711
City of San Clemente	68,880	32,493	34,096	18,755
City of San Juan Capistrano	1,628,761	1,167,218	2,266,470	4,360,875
El Toro Water District	1,173,692	261,041	572,059	744,457
Emerald Bay Service District	109,294	193,163	278,301	484,101
Irvine Ranch Water District	79,860	122,244	207,028	431,000
Moulton Niguel Water District	7,332,571	5,661,139	8,653,081	15,376,395
Santa Margarita Water District	1,385,753	824,980	1,805,565	3,162,184
South Coast Water District	3,121,892	3,293,088	5,703,612	8,744,302
Total Member Agency	16,487,432	14,033,801	23,124,057	39,531,780

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

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

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

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

Capital Projects Schedule FY 2018-19
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan	Project Life Budget
PC 02 J B Latham						
Liquids						
3212-000 - East Primary Influent Channel Repair	500	500	500	500	2,000	407,000
3250-000 - Plant 1 Grit Basins and Handling (2017)	1,000	1,000	1,000	1,000	4,000	467,500
3253-000 - Effluent System Valves Replacement (2017)	500	500	500	500	2,000	202,000
3280-000 - Facility Improvements B - Basin Upgrades (2018)	3,000	3,000	3,000	3,000	12,000	1,148,000
3285-000 - Main Plant Drain Line Reconstruction (2018)	1,000	1,000	-	-	2,000	277,000
3350-000 - Motor Control Center M Replacement Design (2019)	-	32,500	32,500	-	65,000	65,000
3351-000 - Facility Improvements B - Basin Upgrades Construction I (2019)	-	-	1,285,000	1,910,000	3,195,000	3,520,000
Total Liquids	6,000	38,500	1,322,500	1,915,000	3,282,000	6,086,500
Common						
3216-000 - Hoist System for Maintenance Shop (2013)	500	500	40,500	40,500	82,000	82,000
3218-000 - Energy Building Roof reconstruction (2014)	500	500	100,500	100,500	202,000	202,000
3352-000 - Electrical System Evaluation (2019)	-	32,500	32,500	-	65,000	65,000
Total Common	1,000	33,500	173,500	141,000	349,000	349,000
Solids						
3287-000 - Facility Improvements B - DAFT and Ancillary Solids Improvement	12,500	12,500	-	-	25,000	798,000
3353-000 - Centrate System Design (2019)	-	42,500	42,500	-	85,000	85,000
3354-000 - Emulsion Polymer Feeder Replacement (2019)	72,500	72,500	-	-	145,000	145,000
3355-000 - Digester No.4 Rehabilitation (2019)	-	331,500	331,500	331,500	994,500	994,500
3356-000 - Facility Improvements B - DAFT and Ancillary Solids Improvement	-	-	755,000	1,755,000	2,510,000	2,510,000
Total Solids	85,000	459,000	1,129,000	2,086,500	3,759,500	4,532,500
Total PC 02 J B Latham	92,000	531,000	2,625,000	4,142,500	7,390,500	10,968,000

Capital Projects Schedule FY 2018-19
(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						
3357-000 - Junction Structure Reinforcement Permitting and Final Design	51,287	51,287	51,287	51,287	205,148	205,147
Total PC 05 San Juan Creek Ocean Outfall	51,287	51,287	51,287	51,287	205,148	205,147
PC 15 Coastal Treatment Plant						
Liquids						
3358-000 - Personnel Building Reconstruction (2019)	25,000	-	68,500	68,500	162,000	160,000
3359-000 - Facility Improvements Project Construction - Part I (2019) (-	-	2,261,050	3,391,575	5,652,625	12,126,625
3360-000 - Vehicle Storage Building Roof (2019)	85,000	-	-	-	85,000	85,000
3361-000 - AWMA Road Sites West 1 and West 2 Embankment Protection Desi	-	92,500	46,250	46,250	185,000	185,000
3362-000 - Aliso Creek Long Term Repair Planning (2019)	21,250	21,250	21,250	21,250	85,000	85,000
3534-000 - Export Sludge System (1997)	46,250	401,250	1,086,250	1,076,250	2,610,000	2,610,000
3553-000 - Plant Drainage Improvements (2017)	33,125	33,125	33,125	33,125	132,500	132,500
3592-000 - Facility Improvements Project Design (2018)	15,000	-	-	-	15,000	1,740,000
3593-000 - Primary Sludge Valve Replacement (2018)	-	-	-	-	-	84,500
3595-000 - Primary Device Electrical Conduit and Conductor Replacement (2018)	-	-	-	-	-	100,000
Total Liquids	225,625	548,125	3,516,425	4,636,950	8,927,125	17,308,625
AWT						
3364-000 - Chlorine Contact Basin Mixer Design (AWT) (2018)	25,200	50,400	50,400	-	126,000	126,000
3365-000 - MCC A Replacement Construction (AWT) (2019)	67,500	67,500	67,500	-	202,500	202,500
3366-000 - AWT Filter Valve Upgrade Construction (AWT) (2019)	107,600	215,200	215,200	-	538,000	538,000
3596-000 - Applied Water VFD Pump Panel and Electrical (AWT) (2018)	60,917	60,917	60,917	-	182,751	232,500
Total AWT	261,217	394,017	394,017	-	1,049,251	1,099,000
Total PC 15 Coastal Treatment Plant	486,842	942,142	3,910,442	4,636,950	9,976,376	18,407,625

Capital Projects Schedule FY 2018-19
(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						
3367-000 - Southwest Influent Sewer and MH Repair Design (2019)	-	30,000	40,000	30,000	100,000	100,000
3368-000 - Aeration System Upgrade (2019)	-	-	300,500	300,500	601,000	995,000
3369-000 - Aeration Gate Replacement (2019)	-	-	130,000	130,000	260,000	430,000
3701-000 - Secondary Electrical System Rerouting (2014)	56,463	67,756	56,463	45,170	225,852	920,000
3702-000 - Waste Activated Sludge VFD Control Panel (2013)	17,986	25,181	14,389	14,389	71,945	311,500
3730-000 - Primary Gallery Upgrade (2014)	24,463	24,463	16,308	16,308	81,542	125,000
3784-000 - Replace DAF (Mannich) Polymer System (2018)	170,984	170,984	114,197	114,197	570,362	617,500
3785-000 - Replace DAF Dissolution Tank System and Compressors (2018)	66,565	92,940	53,377	53,377	266,259	367,500
3786-000 - Primary Gallery Mechanical and Electrical Upgrade (2018)	219,003	219,003	146,002	146,002	730,010	955,000
3787-000 - Aeration Area Upgrade Design (2018)	5,000	-	-	-	5,000	205,000
Total Liquids	560,464	630,327	871,236	849,943	2,911,970	5,026,500
Common						
3370-000 - Admin Building Repair Design (2019)	26,000	39,000	-	-	65,000	65,000
3371-000 - West Slope Protection Evaluation (2019)	-	70,000	-	-	70,000	70,000
3372-000 - Motor Control Center A, G, H Design (2019)	-	63,000	84,000	63,000	210,000	210,000
3373-000 - Southside Plant Flooding Evaluation (2019)	-	50,000	-	-	50,000	50,000
3374-000 - SE Electrical Manhole Reconstruction (2019)	28,500	57,000	57,000	-	142,500	142,500
3761-000 - External Lighting Upgrade	65,425	65,425	32,713	-	163,563	252,500
	119,925	344,425	173,713	63,000	701,063	790,000

Capital Projects Schedule FY 2018-19
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan	Project Life Budget
Solids						
3375-000 - Phase I Solids Piping Upgrade (2019)	-	221,250	265,500	221,250	708,000	885,000
3376-000 - Dewatering Room Floor Sealing and Lighting (2019)	115,000	-	-	-	115,000	115,000
3377-000 - Energy Building Roof and Breezeway (2019)	-	166,500	194,250	194,250	555,000	555,000
3379-000 - SET Piping Reconstruction (2019)	4,625	16,625	16,625	16,625	54,500	82,500
	119,625	404,375	476,375	432,125	1,432,500	1,637,500
Total PC 17 Joint Regional Wastewater Reclamation	800,014	1,379,127	1,521,324	1,345,068	5,045,533	7,454,000
PC 21 Effluent Transmission Main						
3380-000 - Trail Bridge Crossing Protection - Phase I (D) (2016)	87,000	87,000	58,000	58,000	290,000	450,000
3381-000 - Aliso Creek Long Term Repair Planning (E) (2019)	20,375	20,375	20,375	20,375	81,500	81,500
Total PC 21 Effluent Transmission Main	107,375	107,375	78,375	78,375	371,500	531,500
PC 24 Aliso Creek Ocean Outfall						
3382-000 - Internal Seal Replacement (2018)	135,000	-	-	-	135,000	135,000
Total PC 24 Aliso Creek Ocean Outfall	135,000	-	-	-	135,000	135,000
Total FY 2018-19 Large Capital Budget	1,672,518	3,010,931	8,186,428	10,254,180	23,124,057	37,701,272

Capital Projects Schedule FY 2019-20
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 02 J B Latham					
Liquids					
3383-000 - Facility Improvements B - Basin Upgrades Construction I I(20	2,549,125	1,914,125	1,914,125	1,279,125	7,656,500
3384-000 - Aeration Basin Drain Pump Replacement (2020)	-	60,500	60,500	-	121,000
3385-000 - Facility Improvements D - Basin Upgrades Design I (2020)	-	-	-	165,000	165,000
3386-000 - Plant 1 Blower Building Condition Assessment (2020)	83,000	-	-	-	83,000
3387-000 - MCC 'M' Replacement Construction (2020)	152,667	152,667	152,667	-	458,000
Total Liquids	2,784,792	2,127,292	2,127,292	1,444,125	8,483,500
Common					
3216-000 - Hoist System for Maintenance Shop (2013)	500	500	500	500	2,000
3218-000 - Energy Building Roof reconstruction (2014)	500	500	500	500	2,000
Total Common	1,000	1,000	1,000	1,000	4,000
Solids					
3388-000 - Centrate System Construction (2020)	-	165,667	165,667	165,667	497,000
3389-000 - Facility Improvements B- DAFT and Ancillary Solids Construct	-	-	-	277,500	277,500
3390-000 - Facility Improvements D - Solids Improvements Design (2020)	1,878,750	1,503,750	1,128,750	503,750	5,015,000
Total Solids	1,878,750	1,669,417	1,294,417	946,917	5,789,500
Total PC 02 J B Latham	4,664,542	3,797,708	3,422,708	2,392,042	14,277,000
PC 05 San Juan Creek Ocean Outfall					
3391-000 - Junction Structure Reinforcement Construction (2017)	1,959	1,959	1,959	106,959	112,836
Total PC 05 San Juan Creek Ocean Outfall	1,959	1,959	1,959	106,959	112,836

Capital Projects Schedule FY 2019-20

(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 15 Coastal Treatment Plant					
Liquids					
3361-000 - AWMA Road Sites West 1 and West 2 Embankment Protection Desi	12,500	-	-	-	12,500
3392-000 - Facility Improvements Project Construction - Part II (2020)	4,522,100	3,391,575	3,391,575	2,261,050	13,566,300
3395-000 - South Section Embankment and Protection Design and Permittin	-	64,167	64,167	64,167	192,500
3406-000 - AWMA Road Sites West 1 and West 2 Embankment Protection Desi	-	-	151,697	151,697	303,394
3534-000 - Export Sludge System (1997)	1,082,500	732,500	-	-	1,815,000
Total Liquids	5,617,100	4,188,242	3,607,439	2,476,914	15,889,694
AWT					
3396-000 - Contact Basin Gates (2020)	46,500	-	93,000	93,000	232,500
Total AWT	46,500	-	93,000	93,000	232,500
Total PC 15 Coastal Treatment Plant	5,663,600	4,188,242	3,700,439	2,569,914	16,122,194
PC 17 Joint Regional Wastewater Reclamation					
Liquids					
3368-000 - Aeration System Upgrade (2019)	203,000	153,750	49,250	-	406,000
3369-000 - Aeration Gate Replacement (2019)	173,750	131,250	42,500	-	347,500
3397-000 - AWT No.2 Filter Upgrade (2020)	-	724,500	1,086,750	2,415,000	4,226,250
3398-000 - Southwest Sewer and Manhole Repair Construction (2020)	-	113,000	282,500	169,500	565,000
3701-000 - Secondary Electrical System Rerouting (2014)	1,000	-	-	-	1,000
3702-000 - Waste Activated Sludge VFD Control Panel (2013)	500	-	-	-	500
3730-000 - Primary Gallery Upgrade (2014)	1,500	-	-	-	1,500
3781-000 - Primary Scum Skimmer Replacement (2018)	1,500	-	-	-	1,500
3785-000 - Replace DAF Dissolution Tank System and Compressors (2018)	1,500	-	-	-	1,500
3786-000 - Primary Gallery Mechanical and Electrical Upgrade (2018)	2,000	-	-	-	2,000
Total Liquids	384,750	1,122,500	1,461,000	2,584,500	5,552,750

Capital Projects Schedule FY 2019-20
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
Common					
3393-000 - West Slope Protection Construction (2020)	90,000	90,000	-	-	180,000
3394-000 - Motor Control Center A, G, H Construction (2020)	-	333,000	832,500	499,500	1,665,000
3399-000 - Admin Building Repair Construction (2020)	65,000	65,000	-	-	130,000
3402-000 - Energy Building Roof and HVAC Reconstruction Design (2020)	-	-	87,500	87,500	175,000
Total Common	155,000	488,000	920,000	587,000	2,150,000
Solids					
3375-000 - Phase I Solids Piping Upgrade (2019)	185,000	-	-	-	185,000
3403-000 - Heat Exchanger and Recirculation System Replacement Design (-	-	42,500	42,500	85,000
3404-000 - Solids Conveyor Replacement Design (2020)	-	-	92,500	92,500	185,000
Total Solids	185,000	-	135,000	135,000	455,000
Total PC 17 Joint Regional Wastewater Reclamation	724,750	1,610,500	2,516,000	3,306,500	8,157,750
PC 21 Effluent Transmission Main					
3405-000 - Trail Bridge Crossing Protection - Phase II (D) (2020)	431,000	431,000	-	-	862,000
Total PC 21 Effluent Transmission Main	431,000	431,000	-	-	862,000
Total Work Plan	11,485,851	10,029,409	9,641,106	8,375,414	39,531,780

Non-Capital Engineering FY 2018-19

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

Small Internal Capital FY 2018-19

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 02 J B Latham Plant					
Liquids					
2244-000 - 2 ISCO Samplers (between 3 PC's)	1,250	1,250	1,250	1,250	5,000
2245-000 - Laboratory Equipment Replacement (between 3 PC's)	625	625	625	625	2,500
2246-000 - Primary Motor Operated Valves	3,750	3,750	3,750	3,750	15,000
2247-000 - Return Activated Sludge Pump Rebuild	3,750	3,750	3,750	3,750	15,000
2248-000 - 9-Side headworks exhaust fan	2,500	2,500	2,500	2,500	10,000
2249-000 - Effluent pump station gas line	3,750	3,750	3,750	3,750	15,000
2299-015 - New Scum Pump and Controls	11,875	11,875	11,875	11,875	47,500
2299-016 - Raw Sewage Pump Check Valve	2,500	2,500	2,500	2,500	10,000
2299-017 - 4 side blower room skylights	2,500	2,500	2,500	2,500	10,000
2299-018 - Scrubber Fan (4-side)	8,000	8,000	8,000	8,000	32,000
2299-019 - RSP Rebuild	6,250	6,250	6,250	6,250	25,000
2299-020 - Stock pri & sec flights and chain	2,500	2,500	2,500	2,500	10,000
2299-021 - Spare Vulcan or Grit Seperator	9,250	9,250	9,250	9,250	37,000
Total Liquids	58,500	58,500	58,500	58,500	234,000
Solids					
2299-029 - Air Compressor for DAFT	1,875	1,875	1,875	1,875	7,500
2299-030 - Polymer Mixer Replacement	3,750	3,750	3,750	3,750	15,000
2299-031 - Digester mix pump valves	15,000	15,000	15,000	15,000	60,000
2299-032 - Spare RAS Bleach Pump	2,500	2,500	2,500	2,500	10,000
2299-033 - Spare Recirc Pump	2,625	2,625	2,625	2,625	10,500
2299-034 - Ferric Pump	2,500	2,500	2,500	2,500	10,000
2299-035 - Spare Cogen Parts	8,250	8,250	8,250	8,250	33,000
2299-036 - Valves	3,750	3,750	3,750	3,750	15,000
2299-037 - Centrifuge Support Equipment	7,500	7,500	7,500	7,500	30,000
2299-038 - Seepex split case pumps	7,500	7,500	7,500	7,500	30,000
2299-039 - Centrifuge Rebuild	12,500	12,500	12,500	12,500	50,000
Total Solids	67,750	67,750	67,750	67,750	271,000

Small Internal Capital FY 2018-19

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
Common					
2299-022 - Safety Equipment	7,500	7,500	7,500	7,500	30,000
2299-023 - Paint Oil Storage Building	1,875	1,875	1,875	1,875	7,500
2299-024 - Pressure Washer/Steam Cleaner	1,375	1,375	1,375	1,375	5,500
2299-025 - F-250 delivery vehicle (3 Plant Split)	2,500	2,500	2,500	2,500	10,000
2299-026 - 4" Trash Pump	2,500	2,500	2,500	2,500	10,000
2299-027 - New Gate Drives for Plant Entrance	5,000	5,000	5,000	5,000	20,000
2299-028 - Fixed Gas Detector Equipment	5,000	5,000	5,000	5,000	20,000
2299-040 - Surveillance Camera System Upgrades	9,250	9,250	9,250	9,250	37,000
2299-041 - JBL Wireless Project	27,500	27,500	27,500	27,500	110,000
Total Common	62,500	62,500	62,500	62,500	250,000
Total PC2 JB Latham	188,750	188,750	188,750	188,750	755,000

PC 15 Coastal Treatment Plant

Liquids

2503-000 - 2 ISCO Samplers (between 3 PC's)	1,250	1,250	1,250	1,250	5,000
2515-000 - Laboratory Equipment Replacement (between 3 PC's)	625	625	625	625	2,500
2516-000 - Replacement Scrubber Water Softener	2,500	2,500	2,500	2,500	10,000
2517-000 - Process Water Pump	2,500	2,500	2,500	2,500	10,000
2518-000 - Secondary Chain and Flights	3,750	3,750	3,750	3,750	15,000
2519-000 - Secondary Drive	2,125	2,125	2,125	2,125	8,500
2568-000 - Valves	5,000	5,000	5,000	5,000	20,000
2569-000 - Primary Skimmer	1,750	1,750	1,750	1,750	7,000
2570-000 - Spare Export Sludge Mixer Gearbox	2,250	2,250	2,250	2,250	9,000
2571-000 - Valves	6,250	6,250	6,250	6,250	25,000
2572-000 - Aeration Panel Replacement	5,000	5,000	5,000	5,000	20,000
2573-000 - Headwork Ventilation Fans	15,000	15,000	15,000	15,000	60,000
2574-000 - Pump Rebuilds	7,500	7,500	7,500	7,500	30,000
Total Liquids	55,500	55,500	55,500	55,500	222,000

Small Internal Capital FY 2018-19

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
Common					
2575-000 - Administration Building Flooring	5,000	5,000	5,000	5,000	20,000
2576-000 - F-250 delivery vehicle (3 Plant Split)	2,500	2,500	2,500	2,500	10,000
2577-000 - Concrete West of Headworks - Driveway	12,500	12,500	12,500	12,500	50,000
2578-000 - Locker Room Remodel and New Sewer	9,750	9,750	9,750	9,750	39,000
2579-000 - Replacement 4X4 Vehicle	7,500	7,500	7,500	7,500	30,000
2580-000 - Safety Equipment	7,500	7,500	7,500	7,500	30,000
2581-000 - Fixed Gas Detector Equipment	5,000	5,000	5,000	5,000	20,000
2586-000 - Surveillance Camera System Upgrades	18,750	18,750	18,750	18,750	75,000
2587-000 - Network Switches (Technology Steering Project, SCADA) - Proj	18,750	18,750	18,750	18,750	75,000
Total Common	87,250	87,250	87,250	87,250	349,000
AWT					
2582-000 - Spare Turbidity Meter	2,500	2,500	2,500	2,500	10,000
2583-000 - Spare Chlorine Analyzer Equipment	5,000	5,000	5,000	5,000	20,000
2584-000 - AWT Bleach Pump Pad Cover	2,500	2,500	2,500	2,500	10,000
2585-000 - Mixer Shaft and Blade	3,750	3,750	3,750	3,750	15,000
Total AWT	13,750	13,750	13,750	13,750	55,000
Total PC 15 Coastal Treatment Plant	156,500	156,500	156,500	156,500	626,000
PC 17 Joint Regional Wastewater Reclamation					
Liquids					
2712-000 - 2 ISCO Samplers (between 3 PC's)	1,250	1,250	1,250	1,250	5,000
2713-000 - Laboratory Equipment Replacement (between 3 PC's)	625	625	625	625	2,500
2714-000 - Interstage #2 Pump and Motor Rebuild	8,000	8,000	8,000	8,000	32,000
2760-000 - RAS #2 Pump and Motor Rebuild	4,000	4,000	4,000	4,000	16,000
2761-000 - RAS #24 Pump and Motor Rebuild	2,750	2,750	2,750	2,750	11,000
2762-000 - RAS #4 Pump and Motor Rebuild	4,000	4,000	4,000	4,000	16,000
2763-000 - RAS #6 Pump and Motor Rebuild	4,000	4,000	4,000	4,000	16,000
2764-000 - RAS #66 Pump and Motor Rebuild	4,000	4,000	4,000	4,000	16,000
2765-000 - Spare Recirc Pump	2,625	2,625	2,625	2,625	10,500
2766-000 - Check Valves	3,625	3,625	3,625	3,625	14,500
2767-000 - Aeration Panels	6,750	6,750	6,750	6,750	27,000
2768-000 - Ferric Pumps	2,500	2,500	2,500	2,500	10,000
Total Liquids	44,125	44,125	44,125	44,125	176,500

Small Internal Capital FY 2018-19

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
Solids					
2774-000 - Centrifuge Incline Conveyor #2 Rehab	8,750	8,750	8,750	8,750	35,000
2775-000 - Check Valves	3,250	3,250	3,250	3,250	13,000
2776-000 - Spare Recirc Pump	2,625	2,625	2,625	2,625	10,500
2777-000 - Centrifuge Room Lighting	7,500	7,500	7,500	7,500	30,000
2778-000 - Cogen Door Project	3,750	3,750	3,750	3,750	15,000
2779-000 - Centrifuge Rebuild	6,250	6,250	6,250	6,250	25,000
2780-000 - Spare Cogen Parts	10,250	10,250	10,250	10,250	41,000
Total Solids	42,375	42,375	42,375	42,375	169,500
Common					
2769-000 - F-250 delivery vehicle (3 Plant Split)	2,500	2,500	2,500	2,500	10,000
2770-000 - Safety Equipment	7,500	7,500	7,500	7,500	30,000
2771-000 - Fixed Gas Detector Equipment	5,000	5,000	5,000	5,000	20,000
2772-000 - Utility Vehicle	7,500	7,500	7,500	7,500	30,000
2773-000 - Slurry Seal asphalt	7,500	7,500	7,500	7,500	30,000
2782-000 - Surveillance Camera System Upgrades	18,750	18,750	18,750	18,750	75,000
2783-000 - Network Switches (Technology Steering Project, SCADA) - Proj	18,750	18,750	18,750	18,750	75,000
Total Common	67,500	67,500	67,500	67,500	270,000
AWT					
2781-000 - Spare AWT Bleach Pump	3,500	3,500	3,500	3,500	14,000
Total AWT	3,500	3,500	3,500	3,500	14,000
Total PC 17 Joint Regional Wastewater Reclamation	157,500	157,500	157,500	157,500	630,000
SOCWA Total FY 2018-19 Small Capital Budget	502,750	502,750	502,750	502,750	2,011,000

Total Capital Projects Schedule FY 2018-19 by Member Agency & Project Committee

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	-	-	1,009,846	-	-	-	757,386	946,731	568,037	3,282,000
Common	-	-	106,042	-	-	-	77,999	85,237	79,722	349,000
Solids	-	-	1,127,850	-	-	-	812,864	751,900	1,066,886	3,759,500
Total PC 02 J B Latham	-	-	2,243,738	-	-	-	1,648,249	1,783,868	1,714,645	7,390,500
PC 05 San Juan Creek Ocean Outfall	-	34,096	22,732	-	-	-	31,819	25,580	90,920	205,147
PC 15 Coastal Treatment Plant										
Liquids	3,384,313	-	-	266,481	-	-	2,611,518	2,664,813	-	8,927,125
AWT	-	-	-	-	-	-	-	1,049,251	-	1,049,251
Total PC 15 Coastal Treatment Plant	3,384,313	-	-	266,481	-	-	2,611,518	3,714,064	-	9,976,376
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	2,911,970	-	-	2,911,970
Common	43,956	-	-	2,314	71,929	-	547,734	35,130	-	701,063
Solids	160,726	-	-	8,453	292,373	-	842,597	128,351	-	1,432,500
Total PC 17 Joint Regional Wastewater Reclamation	204,682	-	-	10,767	364,302	-	4,302,301	163,481	-	5,045,533
PC 21 Effluent Transmission Main	-	-	-	-	185,750	185,750	-	-	-	371,500
PC 24 Aliso Creek Ocean Outfall	14,850	-	-	1,053	22,005	21,276	59,197	16,619	-	135,000
Total Large Capital Work Plan	3,603,845	34,096	2,266,470	278,301	572,057	207,026	8,653,086	5,703,612	1,805,665	23,124,057
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 02 J B Latham										
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	-	-	-	-	-	-	4,500	-	-	4,500
Solids	4,488	-	-	236	8,164	-	23,528	3,584	-	40,000
Total PC 17 Joint Regional Wastewater Reclamation	4,488	-	-	236	8,164	-	28,028	3,584	-	44,500
PC 21 Effluent Transmission Main	-	-	-	-	-	-	-	-	-	-
Total Non-Capital Engineering Work Plan	4,488	-	-	236	8,164	-	28,028	3,584	-	44,500

Total Capital Projects Schedule FY 2018-19 by Member Agency & Project Committee

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Small Internal Capital										
PC 02 J B Latham										
Liquids	-	-	72,000	-	-	-	54,000	67,500	40,500	234,000
Common	-	-	75,960	-	-	-	55,872	61,060	57,108	250,000
Solids	-	-	81,300	-	-	-	58,596	54,200	76,904	271,000
Total PC 02 J B Latham	-	-	229,260	-	-	-	168,468	182,760	174,512	755,000
PC 05 San Juan Creek Ocean Outfall	-	-	-	-	-	-	-	-	-	-
PC 15 Coastal Treatment Plant										
Liquids	216,468	-	-	17,044	-	-	167,040	170,448	-	571,000
AWT	-	-	-	-	-	-	-	55,000	-	55,000
Total PC 15 Coastal Treatment Plant	216,468	-	-	17,044	-	-	167,040	225,448	-	626,000
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	190,500	-	-	190,500
Common	16,928	-	-	892	27,704	-	210,948	13,528	-	270,000
Solids	19,016	-	-	1,000	34,596	-	99,700	15,188	-	169,500
Total PC 17 Joint Regional Wastewater Reclamation	35,944	-	-	1,892	62,300	-	501,148	28,716	-	630,000
Total Small Internal Capital Work Plan	252,412	1	229,260	18,937	62,299	-	836,656	436,923	174,512	2,011,000
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	-	-	1,081,846	-	-	-	811,386	1,014,231	608,537	3,516,000
Common	-	-	182,002	-	-	-	133,871	146,297	136,830	599,000
Solids	-	-	1,209,150	-	-	-	871,460	806,100	1,143,790	4,030,500
Total PC 02 J B Latham	-	-	2,472,998	-	-	-	1,816,717	1,966,628	1,889,157	8,145,500
PC 05 San Juan Creek Ocean Outfall	-	34,096	22,732	-	-	-	31,819	25,580	90,920	205,147
PC 15 Coastal Treatment Plant										
Liquids	3,600,781	-	-	283,525	-	-	2,778,558	2,835,261	-	9,498,125
AWT	-	-	-	-	-	-	-	1,104,251	-	1,104,251
Total PC 15 Coastal Treatment Plant	3,600,781	-	-	283,525	-	-	2,778,558	3,939,512	-	10,602,376
PC 17 Joint Regional Wastewater Reclamation										
Liquids	-	-	-	-	-	-	3,106,970	-	-	3,106,970
Common	60,884	-	-	3,206	99,633	-	758,682	48,658	-	971,063
Solids	184,230	-	-	9,689	335,133	-	965,825	147,123	-	1,642,000
Total PC 17 Joint Regional Wastewater Reclamation	245,114	-	-	12,895	434,766	-	4,831,477	195,781	-	5,720,033
PC 21 Effluent Transmission Main	-	-	-	-	185,750	185,750	-	-	-	371,500
PC 24 Aliso Creek Ocean Outfall	14,850	-	-	1,053	22,005	21,276	59,197	16,619	-	135,000
SOCWA Total Capital Work Plan	3,860,745	34,096	2,495,730	297,473	642,621	207,026	9,517,769	6,144,119	1,980,077	25,179,557