SOCWA

South Orange County Wastewater Authority

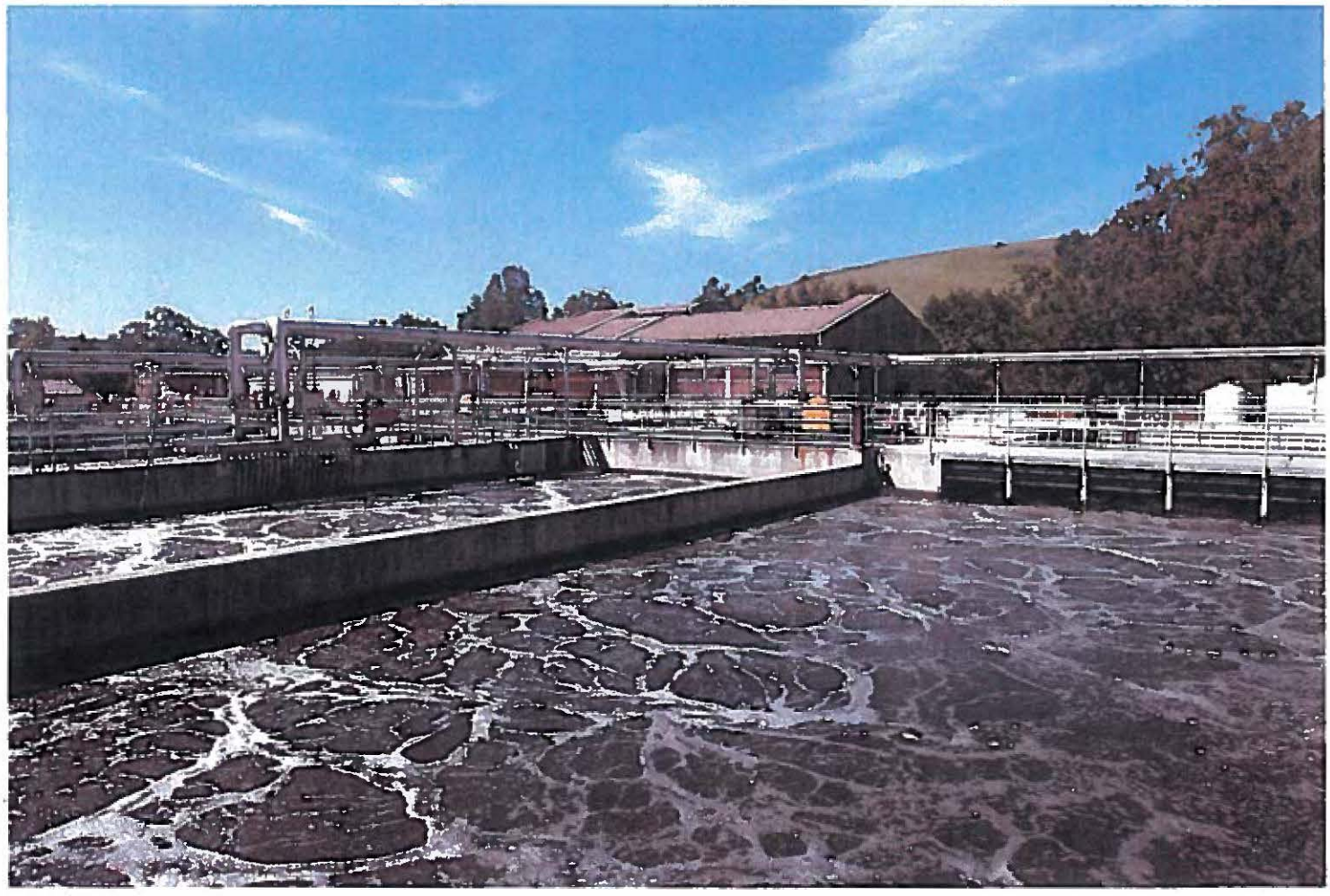
5 Year Operating Expenses Budget

FY 2016-2017 through FY 2020-2021

2 Year Quarterly Capital Budget and

9 Year Capital Expenditures Plan

FY 2016-2017 through FY 2025-2025



South Orange County Wastewater Authority

FY 2016/17
Proposed Annual Operating Expenses & Capital Budget
June 2, 2016

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A public agency created by: 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

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SOCWA
South Orange County Wastewater Authority

FY 2016-17 Five Year Operating Budget

Transmittal Letter – June 2, 2016

Honorable Chairperson and Board of Directors:

Enclosed is the Proposed fiscal year 2016-17 Operations and Capital Improvements Budget for the South Orange County Wastewater Authority, which includes:

- Operations and Maintenance projected spending 2016-17 through 2020-21 (Five Years Operating Budget).
- Capital Improvements projected spending 2016-17 through 2024-25 (9 Year Plan).

The Authority's 2015-2016 Accomplishments are:

- Financial
  - Created a Financial System
  - Avoided Over-Collecting and Large Refunds
  - Implemented PARS Savings for Retiree Health Benefits, Fixed Retirement/Medical issues
  - Implemented/Overhauled Purchasing and Contracting System
- Get our Engine Running Smoothly
  - Streamlining Improvements
  - Maintenance Management/Tracking
  - HR Improvements
  - Consolidated Positions and Reorganized Departments
  - Successful Retirements and Hiring
  - Implementation of Safety Program

The Authority's Key Initiatives for fiscal year 2016-17 are:

- Continue to provide quality clean water service for the Member Agencies that we serve.

- Focus on Upward trend in Operational Efficiency through Technology and "Smart Hiring".

- Focus on Cost Containment/Control in the following areas:
    - Plan for Next MOU with Key Emphasis on Benefits
    - Utilize Technology to Gain More Work Hours
    - Implement Cross Training and Skills Improvement Programs
    - Make Capital Improvement Decisions based on future goals.

The Authority's Staff continue to set strong and aggressive objectives and as demonstrated in 2015-16, the group is highly skilled and dedicated to ensuring that the Authority continues to move forward in providing Quality and Timely Services at a Fair Cost to our Member Agencies.

The above accomplishments and objectives will position the organization to support significant issues facing our community; challenging revenue trends, drought conditions and increased regulatory requirements.

SOCWA's fiscal year 2016-17 budget will increase by $1.0M or 5.5% from fiscal year 2015-16 budget primarily due to:

- Payroll Inflation, $291k, 3% Merit and 1.5% COLA (Cost of Living per MOU)
- O&M, Electricity costs increase due to inoperative Engines, $353k
- Management Services, $187k, for Permitting and Completion of 2015-16 Projects
- Legal and Audit, $94k, for Permitting, Capital Projects Contracting and HR Work.
- IT, $71k, Tech Improvements

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

SOCWA is requesting the Board of Directors to adopt the FY 2016-17 Operating and Maintenance budget and the Capital Improvements budget.

Sincerely,

Betty Burnett
General Manager

South Orange County Wastewater Authority
2016-17 Budget by Member Agency

	FY 2015-16	FY 2016-17	Change %
SOCWA by Member Agency			
City of Laguna Beach	1,990,298	2,229,831	12.0%
City of San Clemente	143,305	115,987	-19.1%
City of San Juan Capistrano	2,238,795	2,398,517	7.1%
El Toro Water District	868,212	954,342	9.9%
Emerald Bay Service District	80,822	90,157	11.6%
Irvine Ranch Water District	241,964	193,398	-20.1%
Moulton Niguel Water District	8,006,227	8,341,242	4.2%
Santa Margarita Water District	1,769,400	1,881,531	6.3%
South Coast Water District	3,236,962	3,391,854	4.8%
Trabuco Canyon Water District	25,640	26,900	4.9%
Total SOCWA	**18,601,624**	**19,623,760**	**5.5%**

In Comparison to SOCWA's 2015/16 FY Budget, 2016-17 will increase by $1.0 M or 5.5% due to:

- Payroll Inflation, $291k, 3% Merit and 1.5% COLA (Cost of Living per MOU)
- O&M, Electricity costs increase due to inoperative Engines, $353k
- Management Services, $187k, due to various Projects and Permitting
- Legal and Audit, $94k, for Prior issues, Capital and Permits
- IT, $71k, Tech Improvements

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

SOCWA by Member Agency	FY 2015-16	FY 2016-17	Change %	FY 2017-18	Change %	FY 2018-19	Change %	FY 2019-20	Change %	FY 2020-21	Change %	Total 5 Years
City of Laguna Beach	1,990,298	2,229,831	12.0%	2,313,198	3.7%	2,399,812	3.7%	2,495,288	4.0%	2,579,389	3.4%	12,017,455
City of San Clemente	143,305	115,987	-19.1%	145,692	25.6%	141,249	-3.0%	141,220	0.0%	145,013	2.7%	689,132
City of San Juan Capistrano	2,238,795	2,398,517	7.1%	2,402,729	0.2%	2,462,955	2.5%	2,531,287	2.8%	2,630,799	3.9%	12,426,336
El Toro Water District	868,212	954,342	9.9%	1,002,103	5.0%	1,044,915	4.3%	1,089,693	4.3%	1,119,448	2.7%	5,210,455
Emerald Bay Service District	80,822	90,157	11.6%	93,102	3.3%	96,599	3.8%	100,297	3.8%	103,694	3.4%	483,848
Irvine Ranch Water District	241,964	193,398	-20.1%	215,940	11.7%	235,903	9.2%	236,986	0.5%	243,236	2.6%	1,125,431
Moulton Niguel Water District	8,006,227	8,341,242	4.2%	8,396,105	0.7%	8,684,577	3.4%	9,051,742	4.2%	9,365,642	3.5%	43,839,402
Santa Margarita Water District	1,769,400	1,881,531	6.3%	1,888,505	0.4%	1,936,049	2.5%	1,986,164	2.6%	2,060,847	3.8%	9,753,128
South Coast Water District	3,236,962	3,391,854	4.8%	3,449,468	1.7%	3,563,592	3.3%	3,686,908	3.5%	3,822,794	3.7%	17,914,612
Trabuco Canyon Water District	25,640	26,900	4.9%	27,254	1.3%	27,670	1.5%	28,591	3.3%	29,190	2.1%	139,606
Total SOCWA	**18,601,624**	**19,623,760**	**5.5%**	**19,934,096**	**1.6%**	**20,593,320**	**3.3%**	**21,348,176**	**3.7%**	**22,100,052**	**3.5%**	**103,599,404**

Total Cost Base Includes O&M, Administration, Environmental Compliance, Safety, IT, Residual Engineering and Other Non-Operating Expenses.

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

	FY 2015-16	Mix %	FY 2016-17	Mix %	FY 2017-18	Mix %	FY 2018-19	Mix %	FY 2019-20	Mix %	FY 2020-21	Mix %	Total 5 Years	Mix %
Payroll Costs Including Fringe Benefits	9,227,000	49.6%	9,517,575	48.5%	9,898,351	49.7%	10,294,363	50.0%	10,706,039	50.1%	11,134,283	50.4%	51,550,612	49.8%
Chemicals	1,642,500	8.8%	1,613,112	8.2%	1,690,400	8.5%	1,771,400	8.6%	1,856,400	8.7%	1,945,500	8.8%	8,876,812	8.6%
Utilities	1,714,900	9.2%	2,067,420	10.5%	1,617,172	8.1%	1,638,760	8.0%	1,718,752	8.1%	1,802,460	8.2%	8,844,564	8.5%
Biosolids Hauling and Disposal	1,632,900	8.8%	1,524,604	7.8%	1,594,596	8.0%	1,668,104	8.1%	1,745,304	8.2%	1,826,404	8.3%	8,359,012	8.1%
Environmental & Safety	1,538,905	8.3%	1,507,141	7.7%	1,535,896	7.7%	1,587,004	7.7%	1,590,524	7.5%	1,623,184	7.3%	7,843,749	7.6%
Maintenance - Equp. & Facilities	1,087,000	5.8%	1,118,296	5.7%	1,151,992	5.8%	1,186,592	5.8%	1,222,104	5.7%	1,258,800	5.7%	5,937,784	5.7%
IT	499,000	2.7%	570,228	2.9%	582,840	2.9%	595,788	2.9%	609,036	2.9%	622,584	2.8%	2,980,476	2.9%
Management Support Serivces	362,000	1.9%	549,024	2.8%	555,652	2.8%	564,096	2.7%	573,184	2.7%	582,012	2.6%	2,823,968	2.7%
Permits	494,900	2.7%	488,020	2.5%	485,508	2.4%	515,872	2.5%	526,116	2.5%	534,272	2.4%	2,549,788	2.5%
Contract Services - Misc	349,000	1.9%	291,912	1.5%	371,028	1.9%	320,536	1.6%	392,460	1.8%	340,464	1.5%	1,716,400	1.7%
Engineering Misc	295,000	1.6%	335,000	1.7%	328,604	1.6%	337,336	1.6%	345,516	1.6%	353,884	1.6%	1,700,340	1.6%
Facilities	212,650	1.1%	214,816	1.1%	221,304	1.1%	227,820	1.1%	234,508	1.1%	241,528	1.1%	1,139,976	1.1%
Audit & Legal	92,000	0.5%	185,512	0.9%	188,048	0.9%	190,760	0.9%	194,148	0.9%	196,996	0.9%	955,464	0.9%
Grit Hauling	110,600	0.6%	113,200	0.6%	118,796	0.6%	124,704	0.6%	131,000	0.6%	137,496	0.6%	625,196	0.6%
Engineering transfer to Capital	(483,243)	-2.6%	(490,331)	-2.5%	(509,947)	-2.6%	(530,343)	-2.6%	(551,563)	-2.6%	(573,627)	-2.6%	(2,655,810)	-2.6%
Other Miscellaneous	(173,488)	-0.9%	18,231	0.1%	103,856	0.5%	100,528	0.5%	54,648	0.3%	73,812	0.3%	351,075	0.3%
Total SOCWA Cost Base	**18,601,624**	**100.0%**	**19,623,760**	**100.0%**	**19,934,096**	**100.0%**	**20,593,320**	**100.0%**	**21,348,176**	**100.0%**	**22,100,052**	**100.0%**	**103,599,408**	**100.0%**
Cost Drivers	**16,843,205**		**17,348,148**		**17,488,407**		**18,146,223**		**18,839,123**		**19,590,631**		**91,412,534**	
% Total Cost Base	**90.5%**		**88.4%**		**87.7%**		**88.1%**		**88.2%**		**88.6%**		**88.2%**	

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

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June 2, 2016

Guidebook to the Budget

Page 1-3: Transmittal Letter

Page 4: FY 2016-17 Operations and Maintenance Budget (O&M) by Member Agency provides:

- Total Annual Billings to each Member Agency
- A comparison to fiscal year 2015-16 (1 prior year budget).
- The costs represent the Authority's **Total Cost Base** (All Costs) for Operating Expenses, including Operations, Environmental Compliance, Safety, Administration, IT, Engineering Non-Capital costs, and Other Non-Operating General costs.
- FY 2016-17 percentages of total costs allocated to each member agency and compared to FY 2015-16 allocations to member agencies.

  This analysis was done to provide a comparison to the prior year budget.

Page 5: 5 Year O&M Budget by Member Agency compared to previous prior year budget. This schedule provides:

- Total Annual Billings to each Member Agency
- A comparison to fiscal year 2015-16 (1 prior year budget).
- The costs represent the Authority's **Total Cost Base** (All Costs) for Operating Expenses, including Operations, Environmental and Compliance, Safety, Administration, IT, Engineering Non-Capital costs, and Other Non-Operating General costs.
- FY 2016-17 percentages of total costs allocated to each member agency and compared to FY 2015-16 allocations to member agencies.

  This analysis was done to provide a comparison to the prior year budget.

Page 6: 5 Year Total Cost Base/Major Cost Drivers prioritized by Major Expenditures. This schedule provides:

- Comparative 5 Year view of SOCWA's major costs compared to previous prior year budget.
- Identification of the Major Cost Drivers by year compared to previous prior year budget.

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- The costs represent the Authority's **Total Cost Base** (All Costs) for Operating Expenses, including Administration and Other Non-Operating General expenses. The Authority's totals are the same as on page 3.

Pages 7-12: Guidebook to the Budget

Pages 13-15: O&M Budget Assumptions provide the following:

- Economic Inflation factors for payroll costs, fringe benefits and non-labor costs
- Discussion of Labor by Project Committee based on future work projections
- Discussion of Non-Labor costs by Project Committee based on future requirements
- Identification of SOCWA's functional departments represented in Project Committees/Cost Centers
- Allocations methodology discussion.

Pages 16-17: Summary of Cost Allocation Approaches by Project Committee provides:

- The Project Committees Agreement for allocations of Operations and Maintenance costs and Capital costs.

Page 18: Payroll Costs and 5 Year Labor Plan provides:

- Comparative view of Labor over 5 years including additions and reductions
- Comparison to prior budgets total manpower
- Manpower and payroll costs by functional department
- SOCWA's payroll costs as a portion of the Authority's Total Cost Base (All Costs).

Page 19: Labor Expense Summary and Benefits detail:

- Regular salaries, overtimes, holiday and standby pay for all departments
- Detailed fringe benefits.

Page 20: SOCWA Organization Chart details:

- All positions and job titles for FY 2016-17.

Page 21: 5 Year Payroll Costs and Project Committees Expenses:

- Summary of Operations and Maintenance costs by Project Committee, these costs do not include Administration and Other Non-Operating General Expenses because these costs are not driven by use of/particular to the facility and are attributable to the whole of SOCWA operations.

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Page 22: 5 Year Comparative Summary of Payroll Costs and Project Committees Expenses:

- Comparative 5 year view of detailed total Project Committees expenses; these costs do not include Administration and Other Non-Operating General Expenses. The total costs agree with Summary costs on page 21.

Page 23: 5 Year Comparative of O&M and Admin Costs by Member Agency including Admin Allocation percentages. Total Administration and Other Non-Operating General Expenses are allocated to Member Agencies as a percentage based on the overall total Operating and Maintenance costs. Allocation structure based on CAS (Cost Accounting Standards) approach.

Page 24-28: SOCWA Total Year and Quarterly Budget by Project Committee and Member Agency. These schedules support the Quarterly O&M Billings.

Page 29: Administration 5 year budget detail.

Page 30: Residual Engineering 5 year budget detail.

Page 31: IT 5 year budget detail.

.Page 32: FY 2016-17 Project Committee Detail Provides:

- Total O& M and Environmental Compliance budget for all Project Committees; these costs exclude Administration and Other Non-Operating General Expenses, which are not allocated to the PC but distributed to member agencies based on CAS standard (see page 21).

Page 33: FY 2017-18 Project Committee Detail Provides:

- Total O& M and Environmental Compliance budget for all Project Committees; these costs exclude Administration and Other Non-Operating General Expenses, which are not allocated to the PC but distributed to member agencies based on CAS standard (see page 21).

Page 34: FY 2018-19 Project Committee Detail Provides:

- Total O& M and Environmental Compliance budget for all Project Committees; these costs exclude Administration and Other Non-Operating General Expenses, which are

- not allocated to the PC but distributed to member agencies based on CAS standard (see page 21).

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Page 35: FY 2019-20 Project Committee Detail Provides:

- Total O& M and Environmental Compliance budget for all Project Committees; these costs exclude Administration and Other Non-Operating General Expenses, which are not allocated to the PC but distributed to member agencies based on CAS standard (see page 21).

Page 36: FY 2020-21 Project Committee Detail Provides:

- Total O& M and Environmental Compliance budget for all Project Committees; these costs exclude Administration and Other Non-Operating General Expenses, which are not allocated to the PC but distributed to member agencies based on CAS standard (see page 21).

Page 37: PC 2 Flow Measurements used for Allocations

Page 38: PC 2 Line Item Allocation Percentages

Page 39: PC 5 Line Item Allocation Percentages

Page 40: PC 8 Line Item Allocation Percentages

Page 41: PC 12 Line Item Allocation Percentages

Page 42: PC 15 Flow Measurements used for Allocations

Page 43: PC 15 Line Item Allocation Percentages

Page 44: PC 17 Flow Measurements used for Allocations

Page 45: PC 17 Line Item Allocation Percentages

Page 46: PC 21 Line Item Allocation Percentages

Page 47: PC 24 Line Item Allocation Percentages

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Capital Budget FY 2016-17 through FY 2024-25

Page 48: Title Page

Page 49: 9 Year Capital Budget/Plan by Member Agency provides:

- Comparative 9 Year Annual Capital Budget/Plan by Member Agency.

Page 50: 9 Year Capital Budget Split Amongst:

- Large Capital
- Non-Capital Engineering Projects (O&M Non-Operating Expense)
- Small Internal Capital

Page 51: FY 2016-17 Quarterly Capital Budget by:

- Large Capital
- Non-Capital Engineering Projects (O&M Non-Operating Expense)
- Small Internal Capital
- The above capital costs are allocated to member agencies based on project committees' agreement.

Page 52: FY 2017-18 Quarterly Capital Budget by:

- Large Capital
- Non-Capital Engineering Projects (O&M Non-Operating Expense)
- Small Internal Capital
- The above capital costs are allocated to member agencies based on project committees' agreement.

Page 53: FY 2016-17 Capital Budget Detail by Project within Project Committee

Page 54: FY 2017-18 Capital Budget Detail by Project within Project Committee

Page 55: FY 2016-17 Non-Capital Engineering Budget Detail by Project within Project Committee

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Page 56: FY 2017-18 Non-Capital Engineering Budget Detail by Project within Project Committee

Page 57: FY 2016-17 Small Internal Capital Budget Detail by Project within Project Committee

Page 58-61: Quarterly Capital Billings by Project Committee and Member Agency

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June 2, 2016

South Orange County Wastewater Authority Operating and Maintenance (O&M) Budget Assumptions

Preliminary Fiscal Year 2016-17

1. Each Department Manager provided:

    - Headcount requirements inclusive of new hires, retirements, promotions, succession planning, etc.
        - The staff for Operations takes into account known and anticipated retirements, and costs for the labor are projected based on filling open positions with entry level staff. If anticipated vacancies occur earlier than projected, SOCWA will need to hire experienced operators at more mid-level pay scales, and in turn may experience higher labor costs than planned.

    - Other Non-Labor expenses

2. Operations and Environmental Compliance and Safety budgets were built at the Project Committee level.

    - Payroll costs were loaded by Project Committee based on future projections of where each individual employee would work. Individual employees support multiple Project Committees/Work Sites; therefore, percentages were used to ratio time by project committee.
    - Non-labor costs are based on prior actuals, contractual agreements, expected inflation increases, current year run rates and projected impacts from capital projects.

3. In addition to liquid flow rates, solids loading, and common costs (typically shared equally), labor time spent is used to calculate some expense allocations to agencies.

    Once the Budget has been approved, the O&M allocations methodology is also approved. The same allocation methodology will be used for the "Use Audit" report which uses actual expenditures, actual labor costs by project committee and actual flows from the agencies to determine under/over payments by member agencies.

4. Payroll costs include salaries and wages plus fringe benefits. Following are the assumptions:

    - Labor inflation assumed a 1.5% Cost of Living Adjustment (COLA) in July for all employees
    - An average 3% merit increase for all employees

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- PERS retirement was calculated per employee based on their earning rate
- Medicare tax, holiday, vacation and personal time were calculated based on the individual employee rate.
- Group medical insurance is based on the current run rate plus 8.5% inflation
- Ancillary benefit rates were increased by 8.5%.

5. Engineering costs were split between Capital Projects and Administration and Other based on how the department spends their time.

6. Administration and other "consolidated" expenses are applied to Member Agencies based on a Total Cost Input Base (Cost identified to a Project Committee). This is a Federal Government methodology. The benefit of this approach is that the agency incurring the cost is assigned the administrative cost.

7. Projected CPUC rate increases were used to calculate utility cost changes.

8. Projected CPI increases were used to calculate fuel, labor and other costs.

9. The PARS program (funding OPEB obligations) was included with a level pay approach that will fund existing employee obligations entirely within 10 years.

10. Biosolids volume reductions were made based on reduced solids loadings to the plants.

11. Electrical increases of 5% and chemical increases averaged 3.6 %.

12. Fuel increases are based on contractual agreements and current run rates.

13. Current staffing levels will remain flat, no change to 16/17 forecast presented with the 15/16 budget.

14. The budget assumes an Impact to utility and chemical costs from on-going capital projects in planning/design and construction.

15. Through the course of the FY, if general expenses are incurred to the specific benefit of a Project Committee, the expenses shall be recorded as a Project Committee expense and appear in the Use Audit (close of fy expenses) as a Project Committee expense.

16. Member Agencies shall be responsible to pay each Board Director in accordance with their specific policies for meeting attendance.

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General Information:

Approval of the Budget authorizes the staff to follow the Budget and expend the amounts therein stated consistent with the Procurement Policy and Procedures. Staff is authorized to contract for services, acquire supplies and pay vendors and expenses within the Budget categories.

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

	O&M Costs[1] - Variable	*O&M Costs[1] – Fixed*	*Capital Costs*
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.

	O&M Costs[1] - Variable	*O&M Costs[1] – Fixed*	*Capital Costs*
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
Payroll Costs and 5 Year Labor Plan
(Payroll Costs in thousands)

Headcount							
Department	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	2020-21	
Operations							
Current	38	39	40	41	42	40	
Retirees (half year)	(5)	(2)			(2)	(1)	
New Hires (half year)	5	2					
New Hire (full year)	1	1	1	1			
Total Operations	**39**	**40**	**41**	**42**	**40**	**39**	
Engineering							
Current	2	2	3	3	3	3	
New Hire	1	1					
Total Engineering	**3**	**3**	**3**	**3**	**3**	**3**	
Environmental Compliance & Safety							
Current	10	10	9	9	9	9	(A)
Retirees (full year)	(1)						
New Hire (full year)	1						
Total Operations	**10**	**10**	**9**	**9**	**9**	**9**	
IT	1	1	1	1	1	1	
Administration	7	7	7	7	7	7	
Total	60	61	61	62	60	59	
FY 2015-16 Budget							

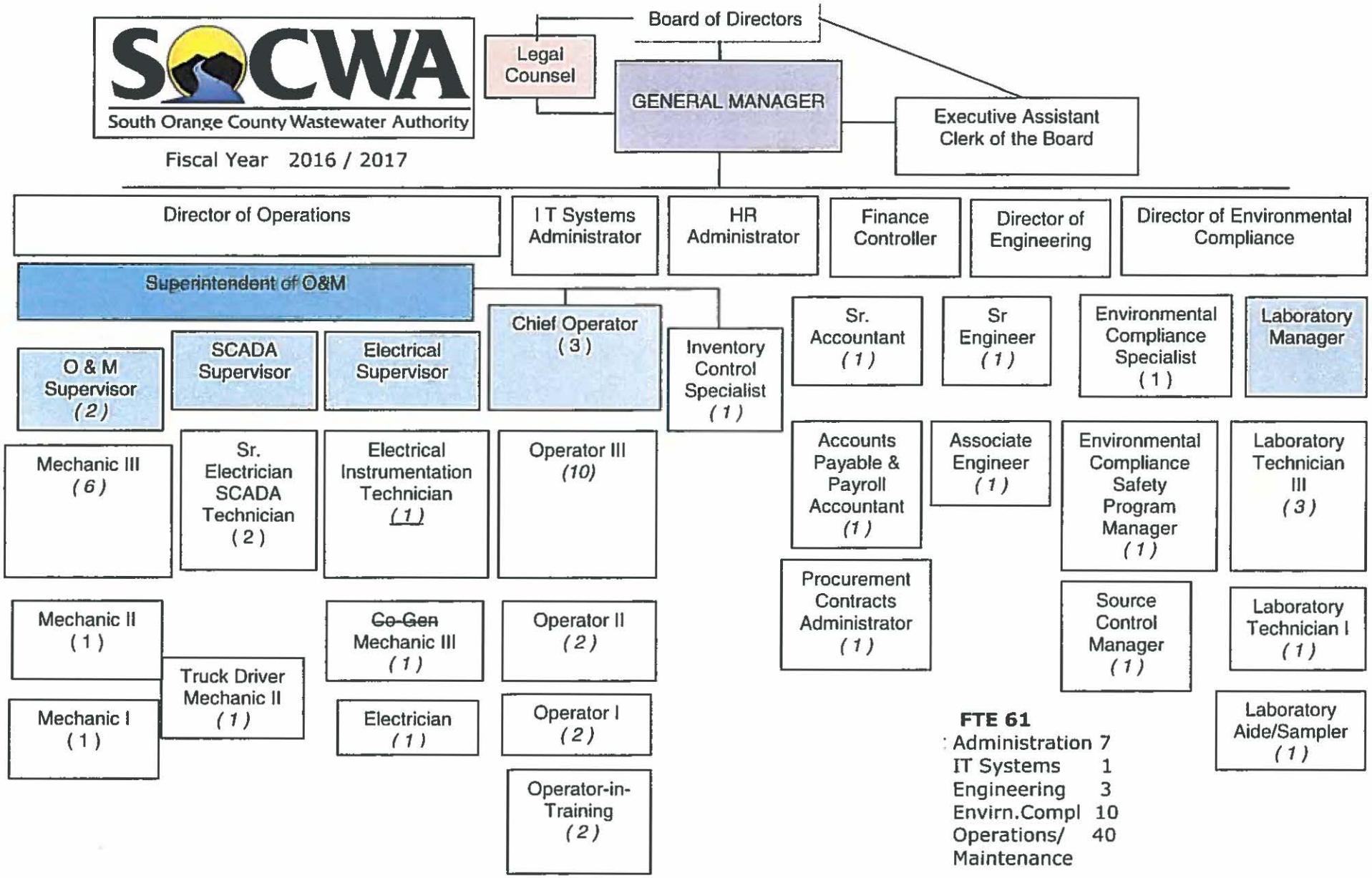
Payroll Costs							
Inflation, 3% Average Merit and 1.5% COLA							
Department	FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	2020-21	
Operations	5,919	6,118	6,362	6,617	6,882	7,158	(B)
Engineering	681	668	695	723	751	781	
Environmental Compliance & Safety	1,363	1,416	1,473	1,532	1,593	1,656	(B)
Administration and IT	1,264	1,316	1,368	1,423	1,480	1,539	(B)
Total	9,227	9,518	9,898	10,295	10,706	11,134	
% Change	0.2%	3.2%	4.0%	4.0%	4.0%	4.0%	

SOCWA Cost Base	18,602	19,624	19,934	20,593	21,348	22,100
Payroll Cost Content	49.6%	48.5%	49.7%	50.0%	50.2%	50.4%

Notes:
(A) Environmental Compliance/Safety 1 position 1n 16/17 filled in current year @ 1/2 time.
(B) FY 2015/16 Budget numbers reflect a correction.

South Orange County Wastewater Authority
2016/17 Labor Expense Summary (Salaries & Benefits)

Description	Budget 2015-16	% Total Labor Costs	Budget 2016-17	% Total Labor Costs	$ Change	% Change (Inc/(Dec)
Salaries						
Regular Salaries	5,777,174	62.6%	5,723,965	60.1%	(53,209)	-0.9%
Overtime Salaries	108,801	1.2%	109,212	1.1%	411	0.4%
Scheduled Holiday Work		0.0%	50,700	0.5%	50,700	
Standby Pay	59,150	0.6%	137,588	1.4%	78,438	132.6%
Paid Absences	415,765	4.5%	242,452	2.5%	(173,313)	-41.7%
Total Salaries	**6,360,890**	**68.9%**	**6,263,917**	**65.8%**	**(96,973)**	**-1.5%**
Fringe Benefits						
CalPers Retirement	815,601	8.8%	1,038,754	10.9%	223,153	27.4%
Deferred Compensation	73,700	0.8%	76,648	0.8%	2,948	4.0%
Medicare Tax	101,479	1.1%	98,491	1.0%	(2,988)	-2.9%
Workers Compensation Insurance	100,517	1.1%	90,153	0.9%	(10,364)	-10.3%
Disability Insurance	63,763	0.7%	57,181	0.6%	(6,582)	-10.3%
Group Insurance	928,303	10.1%	1,045,000	11.0%	116,697	12.6%
Unemployment Insurance	11,400	0.1%	11,856	0.1%	456	4.0%
Retiree Health Benefits	771,347	8.4%	836,000	8.8%	64,653	8.4%
Total Benefits	**2,866,110**	**31.1%**	**3,254,083**	**34.2%**	**387,973**	**13.5%**
Total Payroll Costs	**9,227,000**	**100.0%**	**9,518,000**	**100.0%**	**291,000**	**3.2%**


SOCWA
South Orange County Wastewater Authority
Fiscal Year 2016 / 2017
Board of Directors
Legal Counsel
GENERAL MANAGER
Executive Assistant Clerk of the Board
Director of Operations
I T Systems Administrator
HR Administrator
Finance Controller
Director of Engineering
Director of Environmental Compliance
Superintendent of O&M
O & M Supervisor (2)
SCADA Supervisor
Electrical Supervisor
Chief Operator (3)
Inventory Control Specialist (1)
Sr. Accountant (1)
Sr Engineer (1)
Environmental Compliance Specialist (1)
Laboratory Manager
Mechanic III (6)
Sr. Electrician SCADA Technician (2)
Electrical Instrumentation Technician (1)
Operator III (10)
Accounts Payable & Payroll Accountant (1)
Associate Engineer (1)
Environmental Compliance Safety Program Manager (1)
Laboratory Technician III (3)
Procurement Contracts Administrator (1)
Source Control Manager (1)
Mechanic II (1)
Truck Driver Mechanic II (1)
Co-Gen Mechanic III (1)
Operator II (2)
Laboratory Technician I (1)
Mechanic I (1)
Electrician (1)
Operator I (2)
Operator-in-Training (2)
Laboratory Aide/Sampler (1)
FTE 61
Administration 7
IT Systems 1
Engineering 3
Envirn.Compl 10
Operations/ Maintenance 40

SUMMARIES

South Orange County Wastewater Authority
5 Year Payroll Costs and Project Committee Expenses
(O&M, Environmental Compliance & Safety Costs)

	FY 2015-16	FY 2016-17	Change %	FY 2017-18	Change %	FY 2018-19	Change %	FY 2019-20	Change %	FY 2020-21	Change %	Total 5 Years
Project Committee												
PC 2 - Jay B. Latham Plant	5,222,432	5,765,628	10.4%	5,663,764	(1.8%)	5,835,552	3.0%	6,008,496	3.0%	6,251,804	4.0%	29,525,244
PC 3 - SOCWA Plant/PCA AWT	101,081	0	(100.0%)	0		0		0		0		0
PC 5 - San Juan Creek Ocean Outfall	659,324	555,856	(15.7%)	658,372	18.4%	643,380	(2.3%)	643,460	0.0%	660,412	2.6%	3,161,480
PC 8 - Pretreatment Program	195,666	175,468	(10.3%)	181,796	3.6%	188,932	3.9%	198,868	5.3%	206,296	3.7%	951,360
PC 12 SO- Water Reclamation Permits	245,475	261,924	6.7%	264,824	1.1%	268,872	1.5%	278,020	3.4%	284,016	2.2%	1,357,656
PC 15 - Coastal Treatment Plant/AWT	2,665,439	2,930,408	9.9%	3,020,672	3.1%	3,133,020	3.7%	3,248,852	3.7%	3,368,960	3.7%	15,701,912
PC 17 - Joint Regional Wastewater Reclaimation	6,500,548	7,238,980	11.4%	7,309,276	1.0%	7,547,656	3.3%	7,921,172	4.9%	8,184,472	3.3%	38,201,556
PC 21 Effluent Transmission Main	85,900	86,484	0.7%	86,484	0.0%	86,544	0.1%	88,332	2.1%	90,140	2.0%	437,984
PC 24 - Aliso Creek Ocean Outfall	607,029	449,576	(25.9%)	520,844	15.9%	589,768	13.2%	586,992	(0.5%)	602,556	2.7%	2,749,736
Total	**16,282,894**	**17,464,324**	**7.3%**	**17,706,032**	**1.4%**	**18,293,724**	**3.3%**	**18,974,192**	**3.7%**	**19,648,656**	**3.6%**	**92,086,928**

Administration, Residual Engineering, IT and Other Non-Operating General Costs are not Allocated Based on Project Committee Participation and are presented in the following pages.

South Orange County Wastewater Authority
O&M 5 Year Comparative Summary
Total Project Committee Expenses
(Does Not Include Admin, Engineering and Other Expenses)

	FY 2015-16 Midyear	FY 2016-17	Change %	FY 2017-18	Change %	FY 2018-19	Change %	FY 2019-20	Change %	FY 2020-21	Change %	5 Year Total
Regular Salaries-O&M	4,017,148	4,249,384	5.8%	4,419,404	4.0%	4,596,200	4.0%	4,780,016	4.0%	4,971,228	4.0%	23,016,232
Overtime Salaries-O&M	128,654	79,080	(38.5%)	82,236	4.0%	85,552	4.0%	88,944	4.0%	92,520	4.0%	428,332
Scheduled Holiday Work	0	50,700	0.0%	52,744	4.0%	54,868	4.0%	57,052	4.0%	59,320	4.0%	274,684
Fringe Benefits IN to PC's & Depts.	2,849,884	3,017,080	5.9%	3,137,776	4.0%	3,263,316	4.0%	3,393,828	4.0%	3,529,552	4.0%	16,341,552
Standby Pay	21,076	137,588	552.8%	143,108	4.0%	148,824	4.0%	154,780	4.0%	160,968	4.0%	745,268
Total Payroll Costs	7,016,762	7,533,832	7.4%	7,835,268	4.0%	8,148,760	4.0%	8,474,620	4.0%	8,813,588	4.0%	40,806,068
Electricity	1,360,005	1,809,012	33.0%	1,357,176	(25.0%)	1,367,472	0.8%	1,435,780	5.0%	1,507,424	5.0%	7,476,864
Natural Gas	112,502	167,304	48.7%	175,604	5.0%	184,304	5.0%	193,496	5.0%	203,096	5.0%	923,804
Potable & Reclaimed Water	80,301	59,208	(26.3%)	61,992	4.7%	63,888	3.1%	65,912	3.2%	67,908	3.0%	318,908
Co-generation Power Credit	(620,000)	(450,004)	(27.4%)	(472,504)	5.0%	(496,100)	5.0%	(520,900)	5.0%	(546,896)	5.0%	(2,486,404)
Chlorine/Sodium Hypochlorite	538,199	542,404	0.8%	569,600	5.0%	598,100	5.0%	628,096	5.0%	659,600	5.0%	2,997,800
Polymer Products	645,001	646,504	0.2%	678,904	5.0%	712,800	5.0%	748,400	5.0%	785,800	5.0%	3,572,408
Ferric Chloride	244,299	251,800	3.1%	264,292	5.0%	277,496	5.0%	291,408	5.0%	305,904	5.0%	1,390,900
Odor Control Chemicals	161,399	167,404	3.7%	172,396	3.0%	177,604	3.0%	182,892	3.0%	188,396	3.0%	888,692
Other Chemicals - Misc.	4,780	5,000	4.6%	5,208	4.2%	5,400	3.7%	5,604	3.8%	5,800	3.5%	27,012
Laboratory Services	33,036	35,700	8.1%	35,896	0.5%	37,064	3.3%	38,240	3.2%	38,988	2.0%	185,888
Grit Hauling - 21A	123,000	113,200	(8.0%)	118,796	4.9%	124,704	5.0%	131,000	5.0%	137,496	5.0%	625,196
Landscaping	230,400	160,000	(30.6%)	164,896	3.1%	169,812	3.0%	174,892	3.0%	180,108	3.0%	849,708
Engineering - Misc.	344,409	335,000	(2.7%)	328,604	(1.9%)	337,336	2.7%	345,516	2.4%	353,884	2.4%	1,700,340
Management Support Services	121,938	294,024	141.1%	298,096	1.4%	303,972	2.0%	310,456	2.1%	316,656	2.0%	1,523,204
Audit - Environmental	500	500	0.0%	500	0.0%	500	0.0%	604	20.8%	608	0.7%	2,712
Legal Fees	12,605	88,004	598.2%	89,580	1.8%	91,308	1.9%	93,608	2.5%	95,456	2.0%	457,956
Public Notices/ Public Relations	500	500	0.0%	500	0.0%	500	0.0%	604	20.8%	608	0.7%	2,712
Contract Services Misc. - 29	259,208	270,408	4.3%	278,504	3.0%	286,900	3.0%	295,596	3.0%	304,392	3.0%	1,435,800
Small Vehicle Expense - 31A	25,703	19,444	(24.4%)	20,100	3.4%	20,748	3.2%	21,396	3.1%	22,012	2.9%	103,700
Miscellaneous Expense	16,301	16,804	3.1%	17,296	2.9%	17,784	2.8%	18,800	5.7%	19,332	2.8%	90,016
Office Supplies - All	33,201	33,604	1.2%	34,604	3.0%	35,604	2.9%	36,596	2.8%	37,700	3.0%	178,108
Petroleum Products	56,500	58,400	3.4%	60,200	3.1%	62,100	3.2%	64,004	3.1%	65,996	3.1%	310,700
Uniforms	33,299	34,408	3.3%	35,488	3.1%	36,604	3.1%	37,708	3.0%	38,796	2.9%	183,004
Small Vehicle Fuel - 37A	32,498	33,704	3.7%	34,696	2.9%	35,696	2.9%	36,996	3.6%	38,108	3.0%	179,200
Insurance - Property/Liability	100,370	110,188	9.8%	120,764	9.6%	132,432	9.7%	145,660	10.0%	160,216	10.0%	669,260
Small Tools & Supplies	61,306	63,128	3.0%	64,904	2.8%	66,812	2.9%	69,352	3.8%	71,460	3.0%	335,656
Trash Disposal	4,652	4,808	3.4%	4,904	2.0%	5,000	2.0%	5,104	2.1%	5,208	2.0%	25,024
Safety Supplies	71,579	91,500	27.8%	93,340	2.0%	95,212	2.0%	97,116	2.0%	99,060	2.0%	476,228
Equipment Rental	7,200	7,204	0.1%	7,400	2.7%	7,596	2.6%	7,800	2.7%	8,012	2.7%	38,012
Travel Expense/Tech. Conferences	20,741	40,016	92.9%	39,280	(1.8%)	40,232	2.4%	41,044	2.0%	41,860	2.0%	202,432
Training Expense	44,842	62,496	39.4%	56,196	(10.1%)	59,092	5.2%	60,292	2.0%	61,484	2.0%	299,560
Laboratory Supplies	73,002	75,508	3.4%	77,020	2.0%	78,552	2.0%	80,128	2.0%	81,732	2.0%	392,940
Office Equipment	21,201	21,404	1.0%	22,104	3.3%	22,796	3.1%	23,500	3.1%	24,200	3.0%	114,004
Permits	494,899	488,020	(1.4%)	485,508	(0.5%)	515,872	6.3%	526,116	2.0%	534,272	1.6%	2,549,788

South Orange County Wastewater Authority
O&M 5 Year Comparative Summary
Total Project Committee Expenses
(Does Not Include Admin, Engineering and Other Expenses)

	FY 2015-16 Midyear	FY 2016-17	Change %	FY 2017-18	Change %	FY 2018-19	Change %	FY 2019-20	Change %	FY 2020-21	Change %	5 Year Total
Membership Dues/Fees	12,870	12,012	(6.7%)	12,200	1.6%	12,444	2.0%	12,708	2.1%	12,952	1.9%	62,316
Natural Gas - 11-EPS - PC 5	400	396	(1.0%)	396	0.0%	396	0.0%	412	4.0%	416	1.0%	2,016
Electricity - 10-EPS - PC 5	31,500	31,500	0.0%	22,004	(30.1%)	22,700	3.2%	23,152	2.0%	23,616	2.0%	122,972
Contract Services - 29-EPS - PC 5	4,000	4,104	2.6%	4,200	2.3%	4,300	2.4%	4,384	2.0%	4,476	2.1%	21,464
Offshore Monitoring - 20A	40,002	40,008	0.0%	48,000	20.0%	46,480	(3.2%)	48,968	5.4%	49,952	2.0%	233,408
Offshore Biochemistry - 20B	4,189	0	(100.0%)	80,004	0.0%	30,000	(62.5%)	0	(100.0%)	0	0.0%	110,004
Effluent Chemistry - 20C	53,999	52,004	(3.7%)	80,004	53.8%	55,996	(30.0%)	55,996	0.0%	57,116	2.0%	301,116
Access Road Expenses	44,000	45,400	3.2%	46,800	3.1%	48,192	3.0%	49,600	2.9%	51,104	3.0%	241,096
Storm Damage	18,002	18,600	3.3%	19,200	3.2%	19,800	3.1%	20,400	3.0%	21,000	2.9%	99,000
Biosolids Disposal - 21B	1,482,902	1,524,604	2.8%	1,594,596	4.6%	1,668,104	4.6%	1,745,304	4.6%	1,826,404	4.6%	8,359,012
Contract Services Generators - 29A	19,001	19,704	3.7%	20,200	2.5%	20,800	3.0%	21,404	2.9%	22,000	2.8%	104,108
Janitorial Services	40,832	50,008	22.5%	51,504	3.0%	53,008	2.9%	54,512	2.8%	56,212	3.1%	265,244
Contract Serv - Digester Cleaning - 29E	60,000	0	(100.0%)	70,500	0.0%	11,000	(84.4%)	73,600	569.1%	12,200	(83.4%)	167,300
Diesel Truck Maint - 31B	50,001	29,512	(41.0%)	26,800	(9.2%)	28,204	5.2%	29,600	4.9%	31,104	5.1%	145,220
Diesel Truck Fuel - 37B	12,000	12,200	1.7%	66,500	445.1%	66,800	0.5%	7,100	(89.4%)	7,500	5.6%	160,100
Maintenance Equip. & Facilities (Solids) 41-A	335,202	311,500	(7.1%)	320,900	3.0%	330,496	3.0%	340,400	3.0%	350,700	3.0%	1,653,996
Maintenance Equip. & Facilities (Liquids) 41-B	529,562	530,400	0.2%	546,400	3.0%	562,792	3.0%	579,600	3.0%	597,000	3.0%	2,816,192
Maintenance Equip. & Facilities (Common) 41-C	58,519	60,300	3.0%	62,096	3.0%	64,004	3.1%	65,904	3.0%	67,800	2.9%	320,104
Maintenance Equip. & Facilities (Co-Gen) 41-D	153,700	158,496	3.1%	163,296	3.0%	168,200	3.0%	173,300	3.0%	178,500	3.0%	841,792
Maintenance Equip. & Facilities (AWT) 41-E	67,100	57,600	(14.2%)	59,300	3.0%	61,100	3.0%	62,900	2.9%	64,800	3.0%	305,700
Mileage	4,217	4,952	17.4%	5,056	2.1%	5,168	2.2%	5,260	1.8%	5,360	1.9%	25,796
Port Cleaning	190,000	0	(100.0%)	95,000	0.0%	190,000	100.0%	190,000	0.0%	193,796	2.0%	668,796
MNWD Lab Services and Supplies	0	23,996	0.0%	23,996	0.0%	24,484	2.0%	24,972	2.0%	25,472	2.0%	122,920
Misc-Capital-Dilution & Metering Study	125,001	65,004	(48.0%)	15,000	(76.9%)	0	(100.0%)	0	0.0%	0	0.0%	80,004
IT Direct	294,730	150,004	(49.1%)	25,004	(83.3%)	25,004	0.0%	25,004	0.0%	25,004	0.0%	250,020
Co-Generation Power Credit - Offset	620,000	450,004	(27.4%)	472,504	5.0%	496,100	5.0%	520,900	5.0%	546,896	5.0%	2,486,404
Operating Leases	3,996	7,004	75.3%	7,204	2.9%	7,384	2.5%	7,600	2.9%	7,804	2.7%	36,996
Monthly Car Allowance	31,981	37,320	16.7%	38,568	3.3%	39,736	3.0%	40,932	3.0%	42,156	3.0%	198,712
IT Allocations in to PC's & Depts.	545,434	577,252	5.8%	591,688	2.5%	607,080	2.6%	622,840	2.6%	639,052	2.6%	3,037,912
Total Other Expenses	9,582,516	9,930,488	3.6%	9,870,764	(0.6%)	10,144,964	2.8%	10,499,568	3.5%	10,835,068	3.2%	51,280,852
Total Expenses	**16,599,278**	**17,464,320**	**5.2%**	**17,706,032**	**1.4%**	**18,293,724**	**3.3%**	**18,974,188**	**3.7%**	**19,648,656**	**3.6%**	**92,086,920**

South Orange County Wastewater Authority
FY 2017-17 O&M Budget by Project Committee and Member Agency
Total FY 2016-17 Billings

	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
Project Committee											
PC 2 - Jay B. Latham Plant	0	0	1,979,656	0	0	0	1,120,484	1,384,104	1,281,384	0	5,765,628
PC 5 - San Juan Creek Ocean Outfall	0	91,964	116,836	0	0	0	78,932	182,452	85,672	0	555,856
PC 8 - Pretreatment Program	11,172	11,260	18,316	9,848	1,184	11,904	38,948	41,616	31,220	0	175,468
PC 12 SO- Water Reclamation Permits	0	0	19,772	18,712	0	22,336	84,208	66,312	26,644	23,940	261,924
PC 15 - Coastal Treatment Plant/AWT	1,402,880	0	0	0	59,176	0	249,928	0	1,218,424	0	2,930,408
PC 17 - Joint Regional Wastewater Reclaimation	511,668	0	0	672,812	17,192	0	5,709,800	0	327,508	0	7,238,980
PC 21 Effluent Transmission Main	0	0	0	35,620	0	35,620	15,244	0	0	0	86,484
PC 24 - Aliso Creek Ocean Outfall	58,736	0	0	112,332	2,684	102,256	125,812	0	47,756	0	449,576
Total	1,984,456	103,224	2,134,580	849,324	80,236	172,116	7,423,356	1,674,484	3,018,608	23,940	17,464,324
Total Admin & Other by Member Agency	**245,375**	**12,763**	**263,937**	**105,018**	**9,921**	**21,282**	**917,886**	**207,047**	**373,246**	**2,960**	**2,159,436**
Project Committee Admin Allocation											
Project Committee											
PC 2 - Jay B. Latham Plant	0.0%	0.0%	92.7%	0.0%	0.0%	0.0%	15.1%	82.7%	42.4%	0.0%	33.0%
PC 5 - San Juan Creek Ocean Outfall	0.0%	89.1%	5.5%	0.0%	0.0%	0.0%	1.1%	10.9%	2.8%	0.0%	3.2%
PC 8 - Pretreatment Program	0.6%	10.9%	0.9%	1.2%	1.5%	6.9%	0.5%	2.5%	1.0%	0.0%	1.0%
PC 12 SO- Water Reclamation Permits	0.0%	0.0%	0.9%	2.2%	0.0%	13.0%	1.1%	4.0%	0.9%	100.0%	1.5%
PC 15 - Coastal Treatment Plant/AWT	70.7%	0.0%	0.0%	0.0%	73.8%	0.0%	3.4%	0.0%	40.4%	0.0%	16.8%
PC 17 - Joint Regional Wastewater Reclaimation	25.8%	0.0%	0.0%	79.2%	21.4%	0.0%	76.9%	0.0%	10.8%	0.0%	41.5%
PC 21 Effluent Transmission Main	0.0%	0.0%	0.0%	4.2%	0.0%	20.7%	0.2%	0.0%	0.0%	0.0%	0.5%
PC 24 - Aliso Creek Ocean Outfall	3.0%	0.0%	0.0%	13.2%	3.3%	59.4%	1.7%	0.0%	1.6%	0.0%	2.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Project Committee Admin Allocation											
Project Committee											
PC 2 - Jay B. Latham Plant	0	0	244,781	0	0	0	138,546	171,142	158,441	0	712,911
PC 5 - San Juan Creek Ocean Outfall	0	11,371	14,447	0	0	0	9,760	22,560	10,593	0	68,731
PC 8 - Pretreatment Program	1,381	1,392	2,265	1,218	146	1,472	4,816	5,146	3,860	0	21,696
PC 12 SO- Water Reclamation Permits	0	0	2,445	2,314	0	2,762	10,412	8,199	3,294	2,960	32,386
PC 15 - Coastal Treatment Plant/AWT	173,464	0	0	0	7,317	0	30,903	0	150,656	0	362,340
PC 17 - Joint Regional Wastewater Reclaimation	63,267	0	0	83,192	2,126	0	706,008	0	40,496	0	895,088
PC 21 Effluent Transmission Main	0	0	0	4,404	0	4,404	1,885	0	0	0	10,694
PC 24 - Aliso Creek Ocean Outfall	7,263	0	0	13,890	332	12,644	15,556	0	5,905	0	55,589
Total	**245,375**	**12,763**	**263,937**	**105,018**	**9,921**	**21,282**	**917,886**	**207,047**	**373,246**	**2,960**	**2,159,436**
Total O&M Billing Including Admin											
Project Committee											
PC 2 - Jay B. Latham Plant	0	0	2,224,437	0	0	0	1,259,030	1,555,246	1,439,825	0	6,478,539
PC 5 - San Juan Creek Ocean Outfall	0	103,335	131,283	0	0	0	88,692	205,012	96,265	0	624,587
PC 8 - Pretreatment Program	12,553	12,652	20,581	11,066	1,330	13,376	43,764	46,762	35,080	0	197,164
PC 12 SO- Water Reclamation Permits	0	0	22,217	21,026	0	25,098	94,620	74,511	29,938	26,900	294,310
PC 15 - Coastal Treatment Plant/AWT	1,576,344	0	0	0	66,493	0	280,831	0	1,369,080	0	3,292,748
PC 17 - Joint Regional Wastewater Reclaimation	574,935	0	0	756,004	19,318	0	6,415,808	0	368,004	0	8,134,068
PC 21 Effluent Transmission Main	0	0	0	40,024	0	40,024	17,129	0	0	0	97,178
PC 24 - Aliso Creek Ocean Outfall	65,999	0	0	126,222	3,016	114,900	141,368	0	53,661	0	505,165
Total	**2,229,831**	**115,987**	**2,398,517**	**954,342**	**90,157**	**193,398**	**8,341,242**	**1,881,531**	**3,391,854**	**26,900**	**19,623,760**

South Orange County Wastewater Authority
FY 2017-17 O&M Budget by Project Committee and Member Agency
Q1 O&M Billings

Project Committee	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
PC 2 - Jay B. Latham Plant	0	0	494,914	0	0	0	280,121	346,026	320,346	0	1,441,407
PC 5 - San Juan Creek Ocean Outfall	0	22,991	29,209	0	0	0	19,733	45,613	21,418	0	138,964
PC 8 - Pretreatment Program	2,793	2,815	4,579	2,462	296	2,976	9,737	10,404	7,805	0	43,867
PC 12 SO- Water Reclamation Permits	0	0	4,943	4,678	0	5,584	21,052	16,578	6,661	5,985	65,481
PC 15 - Coastal Treatment Plant/AWT	350,720	0	0	0	14,794	0	62,482	0	304,606	0	732,602
PC 17 - Joint Regional Wastewater Reclaimation	127,917	0	0	168,203	4,298	0	1,427,450	0	81,877	0	1,809,745
PC 21 Effluent Transmission Main	0	0	0	8,905	0	8,905	3,811	0	0	0	21,621
PC 24 - Aliso Creek Ocean Outfall	14,684	0	0	28,083	671	25,564	31,453	0	11,939	0	112,394
Total	496,114	25,806	533,645	212,331	20,059	43,029	1,855,839	418,621	754,652	5,985	4,366,081
Total Admin & Other by Member Agency	**61,344**	**3,191**	**65,984**	**26,254**	**2,480**	**5,320**	**229,472**	**51,762**	**93,312**	**740**	**539,859**

Project Committee Admin Allocation

Project Committee											
PC 2 - Jay B. Latham Plant	0.0%	0.0%	92.7%	0.0%	0.0%	0.0%	15.1%	82.7%	42.4%	0.0%	33.0%
PC 5 - San Juan Creek Ocean Outfall	0.0%	89.1%	5.5%	0.0%	0.0%	0.0%	1.1%	10.9%	2.8%	0.0%	3.2%
PC 8 - Pretreatment Program	0.6%	10.9%	0.9%	1.2%	1.5%	6.9%	0.5%	2.5%	1.0%	0.0%	1.0%
PC 12 SO- Water Reclamation Permits	0.0%	0.0%	0.9%	2.2%	0.0%	13.0%	1.1%	4.0%	0.9%	100.0%	1.5%
PC 15 - Coastal Treatment Plant/AWT	70.7%	0.0%	0.0%	0.0%	73.8%	0.0%	3.4%	0.0%	40.4%	0.0%	16.8%
PC 17 - Joint Regional Wastewater Reclaimation	25.8%	0.0%	0.0%	79.2%	21.4%	0.0%	76.9%	0.0%	10.8%	0.0%	41.5%
PC 21 Effluent Transmission Main	0.0%	0.0%	0.0%	4.2%	0.0%	20.7%	0.2%	0.0%	0.0%	0.0%	0.5%
PC 24 - Aliso Creek Ocean Outfall	3.0%	0.0%	0.0%	13.2%	3.3%	59.4%	1.7%	0.0%	1.6%	0.0%	2.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Project Committee Admin Allocation

Project Committee											
PC 2 - Jay B. Latham Plant	0	0	61,195	0	0	0	34,637	42,786	39,610	0	178,228
PC 5 - San Juan Creek Ocean Outfall	0	2,843	3,612	0	0	0	2,440	5,640	2,648	0	17,183
PC 8 - Pretreatment Program	345	348	566	304	37	368	1,204	1,286	965	0	5,424
PC 12 SO- Water Reclamation Permits	0	0	611	578	0	690	2,603	2,050	824	740	8,097
PC 15 - Coastal Treatment Plant/AWT	43,366	0	0	0	1,829	0	7,726	0	37,664	0	90,585
PC 17 - Joint Regional Wastewater Reclaimation	15,817	0	0	20,798	531	0	176,502	0	10,124	0	223,772
PC 21 Effluent Transmission Main	0	0	0	1,101	0	1,101	471	0	0	0	2,673
PC 24 - Aliso Creek Ocean Outfall	1,816	0	0	3,472	83	3,161	3,889	0	1,476	0	13,897
Total	**61,344**	**3,191**	**65,984**	**26,254**	**2,480**	**5,320**	**229,472**	**51,762**	**93,312**	**740**	**539,859**

Total O&M Billing Including Admin

Project Committee											
PC 2 - Jay B. Latham Plant	0	0	556,109	0	0	0	314,758	388,812	359,956	0	1,619,635
PC 5 - San Juan Creek Ocean Outfall	0	25,834	32,821	0	0	0	22,173	51,253	24,066	0	156,147
PC 8 - Pretreatment Program	3,138	3,163	5,145	2,766	333	3,344	10,941	11,690	8,770	0	49,291
PC 12 SO- Water Reclamation Permits	0	0	5,554	5,256	0	6,274	23,655	18,628	7,485	6,725	73,578
PC 15 - Coastal Treatment Plant/AWT	394,086	0	0	0	16,623	0	70,208	0	342,270	0	823,187
PC 17 - Joint Regional Wastewater Reclaimation	143,734	0	0	189,001	4,829	0	1,603,952	0	92,001	0	2,033,517
PC 21 Effluent Transmission Main	0	0	0	10,006	0	10,006	4,282	0	0	0	24,294
PC 24 - Aliso Creek Ocean Outfall	16,500	0	0	31,555	754	28,725	35,342	0	13,415	0	126,291
Total	**557,458**	**28,997**	**599,629**	**238,585**	**22,539**	**48,349**	**2,085,311**	**470,383**	**847,964**	**6,725**	**4,905,940**

South Orange County Wastewater Authority
FY 2017-17 O&M Budget by Project Committee and Member Agency
Q2 O&M Billings

Project Committee	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
PC 2 - Jay B. Latham Plant	0	0	494,914	0	0	0	280,121	346,026	320,346	0	1,441,407
PC 5 - San Juan Creek Ocean Outfall	0	22,991	29,209	0	0	0	19,733	45,613	21,418	0	138,964
PC 8 - Pretreatment Program	2,793	2,815	4,579	2,462	296	2,976	9,737	10,404	7,805	0	43,867
PC 12 SO- Water Reclamation Permits	0	0	4,943	4,678	0	5,584	21,052	16,578	6,661	5,985	65,481
PC 15 - Coastal Treatment Plant/AWT	350,720	0	0	0	14,794	0	62,482	0	304,606	0	732,602
PC 17 - Joint Regional Wastewater Reclaimation	127,917	0	0	168,203	4,298	0	1,427,450	0	81,877	0	1,809,745
PC 21 Effluent Transmission Main	0	0	0	8,905	0	8,905	3,811	0	0	0	21,621
PC 24 - Aliso Creek Ocean Outfall	14,684	0	0	28,083	671	25,564	31,453	0	11,939	0	112,394
Total	496,114	25,806	533,645	212,331	20,059	43,029	1,855,839	418,621	754,652	5,985	4,366,081
Total Admin & Other by Member Agency	**61,344**	**3,191**	**65,984**	**26,254**	**2,480**	**5,320**	**229,472**	**51,762**	**93,312**	**740**	**539,859**

Project Committee Admin Allocation

Project Committee	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
PC 2 - Jay B. Latham Plant	0.0%	0.0%	92.7%	0.0%	0.0%	0.0%	15.1%	82.7%	42.4%	0.0%	33.0%
PC 5 - San Juan Creek Ocean Outfall	0.0%	89.1%	5.5%	0.0%	0.0%	0.0%	1.1%	10.9%	2.8%	0.0%	3.2%
PC 8 - Pretreatment Program	0.6%	10.9%	0.9%	1.2%	1.5%	6.9%	0.5%	2.5%	1.0%	0.0%	1.0%
PC 12 SO- Water Reclamation Permits	0.0%	0.0%	0.9%	2.2%	0.0%	13.0%	1.1%	4.0%	0.9%	100.0%	1.5%
PC 15 - Coastal Treatment Plant/AWT	70.7%	0.0%	0.0%	0.0%	73.8%	0.0%	3.4%	0.0%	40.4%	0.0%	16.8%
PC 17 - Joint Regional Wastewater Reclaimation	25.8%	0.0%	0.0%	79.2%	21.4%	0.0%	76.9%	0.0%	10.8%	0.0%	41.5%
PC 21 Effluent Transmission Main	0.0%	0.0%	0.0%	4.2%	0.0%	20.7%	0.2%	0.0%	0.0%	0.0%	0.5%
PC 24 - Aliso Creek Ocean Outfall	3.0%	0.0%	0.0%	13.2%	3.3%	59.4%	1.7%	0.0%	1.6%	0.0%	2.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Project Committee Admin Allocation

Project Committee	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
PC 2 - Jay B. Latham Plant	0	0	61,195	0	0	0	34,637	42,786	39,610	0	178,228
PC 5 - San Juan Creek Ocean Outfall	0	2,843	3,612	0	0	0	2,440	5,640	2,648	0	17,183
PC 8 - Pretreatment Program	345	348	566	304	37	368	1,204	1,286	965	0	5,424
PC 12 SO- Water Reclamation Permits	0	0	611	578	0	690	2,603	2,050	824	740	8,097
PC 15 - Coastal Treatment Plant/AWT	43,366	0	0	0	1,829	0	7,726	0	37,664	0	90,585
PC 17 - Joint Regional Wastewater Reclaimation	15,817	0	0	20,798	531	0	176,502	0	10,124	0	223,772
PC 21 Effluent Transmission Main	0	0	0	1,101	0	1,101	471	0	0	0	2,673
PC 24 - Aliso Creek Ocean Outfall	1,816	0	0	3,472	83	3,161	3,889	0	1,476	0	13,897
Total	**61,344**	**3,191**	**65,984**	**26,254**	**2,480**	**5,320**	**229,472**	**51,762**	**93,312**	**740**	**539,859**

Total O&M Billing Including Admin

Project Committee	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
PC 2 - Jay B. Latham Plant	0	0	556,109	0	0	0	314,758	388,812	359,956	0	1,619,635
PC 5 - San Juan Creek Ocean Outfall	0	25,834	32,821	0	0	0	22,173	51,253	24,066	0	156,147
PC 8 - Pretreatment Program	3,138	3,163	5,145	2,766	333	3,344	10,941	11,690	8,770	0	49,291
PC 12 SO- Water Reclamation Permits	0	0	5,554	5,256	0	6,274	23,655	18,628	7,485	6,725	73,578
PC 15 - Coastal Treatment Plant/AWT	394,086	0	0	0	16,623	0	70,208	0	342,270	0	823,187
PC 17 - Joint Regional Wastewater Reclaimation	143,734	0	0	189,001	4,829	0	1,603,952	0	92,001	0	2,033,517
PC 21 Effluent Transmission Main	0	0	0	10,006	0	10,006	4,282	0	0	0	24,294
PC 24 - Aliso Creek Ocean Outfall	16,500	0	0	31,555	754	28,725	35,342	0	13,415	0	126,291
Total	**557,458**	**28,997**	**599,629**	**238,585**	**22,539**	**48,349**	**2,085,311**	**470,383**	**847,964**	**6,725**	**4,905,940**

South Orange County Wastewater Authority
FY 2017-17 O&M Budget by Project Committee and Member Agency
Q3 O&M Billings

	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
Project Committee											
PC 2 - Jay B. Latham Plant	0	0	494,914	0	0	0	280,121	346,026	320,346	0	1,441,407
PC 5 - San Juan Creek Ocean Outfall	0	22,991	29,209	0	0	0	19,733	45,613	21,418	0	138,964
PC 8 - Pretreatment Program	2,793	2,815	4,579	2,462	296	2,976	9,737	10,404	7,805	0	43,867
PC 12 SO- Water Reclamation Permits	0	0	4,943	4,678	0	5,584	21,052	16,578	6,661	5,985	65,481
PC 15 - Coastal Treatment Plant/AWT	350,720	0	0	0	14,794	0	62,482	0	304,606	0	732,602
PC 17 - Joint Regional Wastewater Reclaimation	127,917	0	0	168,203	4,298	0	1,427,450	0	81,877	0	1,809,745
PC 21 Effluent Transmission Main	0	0	0	8,905	0	8,905	3,811	0	0	0	21,621
PC 24 - Aliso Creek Ocean Outfall	14,684	0	0	28,083	671	25,564	31,453	0	11,939	0	112,394
Total	496,114	25,806	533,645	212,331	20,059	43,029	1,855,839	418,621	754,652	5,985	4,366,081
Total Admin & Other by Member Agency	**61,344**	**3,191**	**65,984**	**26,254**	**2,480**	**5,320**	**229,472**	**51,762**	**93,312**	**740**	**539,859**
Project Committee Admin Allocation											
Project Committee											
PC 2 - Jay B. Latham Plant	0.0%	0.0%	92.7%	0.0%	0.0%	0.0%	15.1%	82.7%	42.4%	0.0%	33.0%
PC 5 - San Juan Creek Ocean Outfall	0.0%	89.1%	5.5%	0.0%	0.0%	0.0%	1.1%	10.9%	2.8%	0.0%	3.2%
PC 8 - Pretreatment Program	0.6%	10.9%	0.9%	1.2%	1.5%	6.9%	0.5%	2.5%	1.0%	0.0%	1.0%
PC 12 SO- Water Reclamation Permits	0.0%	0.0%	0.9%	2.2%	0.0%	13.0%	1.1%	4.0%	0.9%	100.0%	1.5%
PC 15 - Coastal Treatment Plant/AWT	70.7%	0.0%	0.0%	0.0%	73.8%	0.0%	3.4%	0.0%	40.4%	0.0%	16.8%
PC 17 - Joint Regional Wastewater Reclaimation	25.8%	0.0%	0.0%	79.2%	21.4%	0.0%	76.9%	0.0%	10.8%	0.0%	41.5%
PC 21 Effluent Transmission Main	0.0%	0.0%	0.0%	4.2%	0.0%	20.7%	0.2%	0.0%	0.0%	0.0%	0.5%
PC 24 - Aliso Creek Ocean Outfall	3.0%	0.0%	0.0%	13.2%	3.3%	59.4%	1.7%	0.0%	1.6%	0.0%	2.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Project Committee Admin Allocation											
Project Committee											
PC 2 - Jay B. Latham Plant	0	0	61,195	0	0	0	34,637	42,786	39,610	0	178,228
PC 5 - San Juan Creek Ocean Outfall	0	2,843	3,612	0	0	0	2,440	5,640	2,648	0	17,183
PC 8 - Pretreatment Program	345	348	566	304	37	368	1,204	1,286	965	0	5,424
PC 12 SO- Water Reclamation Permits	0	0	611	578	0	690	2,603	2,050	824	740	8,097
PC 15 - Coastal Treatment Plant/AWT	43,366	0	0	0	1,829	0	7,726	0	37,664	0	90,585
PC 17 - Joint Regional Wastewater Reclaimation	15,817	0	0	20,798	531	0	176,502	0	10,124	0	223,772
PC 21 Effluent Transmission Main	0	0	0	1,101	0	1,101	471	0	0	0	2,673
PC 24 - Aliso Creek Ocean Outfall	1,816	0	0	3,472	83	3,161	3,889	0	1,476	0	13,897
Total	**61,344**	**3,191**	**65,984**	**26,254**	**2,480**	**5,320**	**229,472**	**51,762**	**93,312**	**740**	**539,859**
Total O&M Billing Including Admin											
Project Committee											
PC 2 - Jay B. Latham Plant	0	0	556,109	0	0	0	314,758	388,812	359,956	0	1,619,635
PC 5 - San Juan Creek Ocean Outfall	0	25,834	32,821	0	0	0	22,173	51,253	24,066	0	156,147
PC 8 - Pretreatment Program	3,138	3,163	5,145	2,766	333	3,344	10,941	11,690	8,770	0	49,291
PC 12 SO- Water Reclamation Permits	0	0	5,554	5,256	0	6,274	23,655	18,628	7,485	6,725	73,578
PC 15 - Coastal Treatment Plant/AWT	394,086	0	0	0	16,623	0	70,208	0	342,270	0	823,187
PC 17 - Joint Regional Wastewater Reclaimation	143,734	0	0	189,001	4,829	0	1,603,952	0	92,001	0	2,033,517
PC 21 Effluent Transmission Main	0	0	0	10,006	0	10,006	4,282	0	0	0	24,294
PC 24 - Aliso Creek Ocean Outfall	16,500	0	0	31,555	754	28,725	35,342	0	13,415	0	126,291
Total	**557,458**	**28,997**	**599,629**	**238,585**	**22,539**	**48,349**	**2,085,311**	**470,383**	**847,964**	**6,725**	**4,905,940**

South Orange County Wastewater Authority
FY 2017-17 O&M Budget by Project Committee and Member Agency
Q4 O&M Billings

Project Committee	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
PC 2 - Jay B. Latham Plant	0	0	494,914	0	0	0	280,121	346,026	320,346	0	1,441,407
PC 5 - San Juan Creek Ocean Outfall	0	22,991	29,209	0	0	0	19,733	45,613	21,418	0	138,964
PC 8 - Pretreatment Program	2,793	2,815	4,579	2,462	296	2,976	9,737	10,404	7,805	0	43,867
PC 12 SO- Water Reclamation Permits	0	0	4,943	4,678	0	5,584	21,052	16,578	6,661	5,985	65,481
PC 15 - Coastal Treatment Plant/AWT	350,720	0	0	0	14,794	0	62,482	0	304,606	0	732,602
PC 17 - Joint Regional Wastewater Reclaimation	127,917	0	0	168,203	4,298	0	1,427,450	0	81,877	0	1,809,745
PC 21 Effluent Transmission Main	0	0	0	8,905	0	8,905	3,811	0	0	0	21,621
PC 24 - Aliso Creek Ocean Outfall	14,684	0	0	28,083	671	25,564	31,453	0	11,939	0	112,394
Total	496,114	25,806	533,645	212,331	20,059	43,029	1,855,839	418,621	754,652	5,985	4,366,081
Total Admin & Other by Member Agency	**61,344**	**3,191**	**65,984**	**26,254**	**2,480**	**5,320**	**229,472**	**51,762**	**93,312**	**740**	**539,859**

Project Committee Admin Allocation

Project Committee											
PC 2 - Jay B. Latham Plant	0.0%	0.0%	92.7%	0.0%	0.0%	0.0%	15.1%	82.7%	42.4%	0.0%	33.0%
PC 5 - San Juan Creek Ocean Outfall	0.0%	89.1%	5.5%	0.0%	0.0%	0.0%	1.1%	10.9%	2.8%	0.0%	3.2%
PC 8 - Pretreatment Program	0.6%	10.9%	0.9%	1.2%	1.5%	6.9%	0.5%	2.5%	1.0%	0.0%	1.0%
PC 12 SO- Water Reclamation Permits	0.0%	0.0%	0.9%	2.2%	0.0%	13.0%	1.1%	4.0%	0.9%	100.0%	1.5%
PC 15 - Coastal Treatment Plant/AWT	70.7%	0.0%	0.0%	0.0%	73.8%	0.0%	3.4%	0.0%	40.4%	0.0%	16.8%
PC 17 - Joint Regional Wastewater Reclaimation	25.8%	0.0%	0.0%	79.2%	21.4%	0.0%	76.9%	0.0%	10.8%	0.0%	41.5%
PC 21 Effluent Transmission Main	0.0%	0.0%	0.0%	4.2%	0.0%	20.7%	0.2%	0.0%	0.0%	0.0%	0.5%
PC 24 - Aliso Creek Ocean Outfall	3.0%	0.0%	0.0%	13.2%	3.3%	59.4%	1.7%	0.0%	1.6%	0.0%	2.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Project Committee Admin Allocation

Project Committee											
PC 2 - Jay B. Latham Plant	0	0	61,195	0	0	0	34,637	42,786	39,610	0	178,228
PC 5 - San Juan Creek Ocean Outfall	0	2,843	3,612	0	0	0	2,440	5,640	2,648	0	17,183
PC 8 - Pretreatment Program	345	348	566	304	37	368	1,204	1,286	965	0	5,424
PC 12 SO- Water Reclamation Permits	0	0	611	578	0	690	2,603	2,050	824	740	8,097
PC 15 - Coastal Treatment Plant/AWT	43,366	0	0	0	1,829	0	7,726	0	37,664	0	90,585
PC 17 - Joint Regional Wastewater Reclaimation	15,817	0	0	20,798	531	0	176,502	0	10,124	0	223,772
PC 21 Effluent Transmission Main	0	0	0	1,101	0	1,101	471	0	0	0	2,673
PC 24 - Aliso Creek Ocean Outfall	1,816	0	0	3,472	83	3,161	3,889	0	1,476	0	13,897
Total	**61,344**	**3,191**	**65,984**	**26,254**	**2,480**	**5,320**	**229,472**	**51,762**	**93,312**	**740**	**539,859**

Total O&M Billing Including Admin

Project Committee											
PC 2 - Jay B. Latham Plant	0	0	556,109	0	0	0	314,758	388,812	359,956	0	1,619,635
PC 5 - San Juan Creek Ocean Outfall	0	25,834	32,821	0	0	0	22,173	51,253	24,066	0	156,147
PC 8 - Pretreatment Program	3,138	3,163	5,145	2,766	333	3,344	10,941	11,690	8,770	0	49,291
PC 12 SO- Water Reclamation Permits	0	0	5,554	5,256	0	6,274	23,655	18,628	7,485	6,725	73,578
PC 15 - Coastal Treatment Plant/AWT	394,086	0	0	0	16,623	0	70,208	0	342,270	0	823,187
PC 17 - Joint Regional Wastewater Reclaimation	143,734	0	0	189,001	4,829	0	1,603,952	0	92,001	0	2,033,517
PC 21 Effluent Transmission Main	0	0	0	10,006	0	10,006	4,282	0	0	0	24,294
PC 24 - Aliso Creek Ocean Outfall	16,500	0	0	31,555	754	28,725	35,342	0	13,415	0	126,291
Total	**557,458**	**28,997**	**599,629**	**238,585**	**22,539**	**48,349**	**2,085,311**	**470,383**	**847,964**	**6,725**	**4,905,940**

South Orange County Wastewater Authority
Administration 5 Year Comparative Budgets

		FY 2015-16 Midyear	FY 2016-17	Change %	FY 2017-18	Change %	FY 2018-19	Change %	FY 2019-20	Change %	FY 2020-21	Change %	5 Yr Total
	Salary and Fringe												
01-5401-04-00-00	Fringe Benefits IN to PC's & Depts.	466,739	484,884	3.9%	504,276	4.0%	524,448	4.0%	545,424	4.0%	567,240	4.0%	2,626,272
01-6000-04-00-00	Regular Salaries-Admin & IT	657,379	682,932	3.9%	710,244	4.0%	738,660	4.0%	768,204	4.0%	798,936	4.0%	3,698,976
01-6001-04-00-00	Overtime Salaries-Admin & IT	18,566	19,308	4.0%	20,076	4.0%	20,880	4.0%	21,720	4.0%	22,584	4.0%	104,568
	Total Payroll Costs	1,142,684	1,187,124	3.9%	1,234,596	4.0%	1,283,988	4.0%	1,335,348	4.0%	1,388,760	4.0%	6,429,816
	Other Expenses												
01-5018-04-00-00	Public Notices/ Public Relations	15,350	15,996	4.2%	16,164	1.1%	16,320	1.0%	16,488	1.0%	16,644	0.9%	81,612
01-5019-04-00-00	Contract Services Misc. - 29	1,787	1,800	0.7%	1,824	1.3%	1,836	0.7%	1,860	1.3%	1,872	0.6%	9,192
01-5020-04-00-00	Postage Expense	1,118	1,200	7.3%	1,212	1.0%	1,224	1.0%	1,236	1.0%	1,248	1.0%	6,120
01-5023-04-00-00	Office Supplies - All	3,143	9,996	218.0%	10,104	1.1%	10,200	1.0%	10,308	1.1%	10,404	0.9%	51,012
01-5027-04-00-00	Insurance - Property/Liability	9,918	39,720	300.5%	43,692	10.0%	48,060	10.0%	52,860	10.0%	58,152	10.0%	242,484
01-5033-04-00-00	Recruitment	40,500	2,004	(95.1%)	2,016	0.6%	2,040	1.2%	2,064	1.2%	2,076	0.6%	10,200
01-5035-04-00-00	Training Expense	0	2,496	0.0%	2,520	1.0%	2,556	1.4%	2,580	0.9%	2,604	0.9%	12,756
01-5037-04-00-00	Office Equipment	6,733	8,004	18.9%	8,076	0.9%	8,160	1.0%	8,244	1.0%	8,328	1.0%	40,812
01-5039-04-00-00	Membership Dues/Fees	2,285	2,496	9.2%	2,520	1.0%	2,556	1.4%	2,580	0.9%	2,604	0.9%	12,756
01-5061-04-00-00	Mileage	175	204	16.6%	204	0.0%	204	0.0%	204	0.0%	204	0.0%	1,020
01-6101-04-00-00	Employee Recognition	5,690	9,996	75.7%	10,104	1.1%	10,200	1.0%	10,308	1.1%	10,404	0.9%	51,012
01-6102-04-00-00	Subscriptoins	279	996	257.0%	1,008	1.2%	1,020	1.2%	1,032	1.2%	1,044	1.2%	5,100
01-6200-04-00-00	Management Support Services	170,000	215,004	26.5%	217,152	1.0%	219,324	1.0%	221,520	1.0%	223,728	1.0%	1,096,728
01-6201-04-00-00	Audit	35,000	35,004	0.0%	35,352	1.0%	35,700	1.0%	36,060	1.0%	36,420	1.0%	178,536
01-6202-04-00-00	Legal	62,000	62,004	0.0%	62,616	1.0%	63,252	1.0%	63,876	1.0%	64,512	1.0%	316,260
01-6203-04-00-00	Outside Services	0	2,004	0.0%	2,016	0.6%	2,040	1.2%	2,064	1.2%	2,076	0.6%	10,200
01-6204-04-00-00	Postage	0	696	0.0%	708	1.7%	720	1.7%	720	0.0%	732	1.7%	3,576
01-6220-04-00-00	Board of Directors - Fees	15,000	0	(100.0%)	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
01-6234-04-00-00	Memberships & Trainings	103,284	91,116	(11.8%)	92,028	1.0%	92,952	1.0%	93,876	1.0%	94,824	1.0%	464,796
01-6239-04-00-00	Travel & Conference	57,600	23,904	(58.5%)	24,144	1.0%	24,384	1.0%	24,624	1.0%	24,876	1.0%	121,932
01-6240-04-00-00	Scholarship Sponsorship	0	996	0.0%	1,008	1.2%	1,020	1.2%	1,032	1.2%	1,044	1.2%	5,100
01-6310-04-00-00	Miscellaneous	8,871	15,000	69.1%	15,156	1.0%	15,300	1.0%	15,456	1.0%	15,612	1.0%	76,524
01-6311-04-00-00	Mileage	0	504	0.0%	504	0.0%	516	2.4%	516	0.0%	516	0.0%	2,556
01-6500-04-00-00	IT Allocations In to PC's & Depts.	77,573	122,172	57.5%	125,232	2.5%	128,484	2.6%	131,832	2.6%	135,252	2.6%	642,972
01-6705-04-00-00	Monthly Car Allowance	11,216	12,000	7.0%	12,120	1.0%	12,240	1.0%	12,360	1.0%	12,492	1.1%	61,212
	Total Other Expenses	627,522	675,312	7.6%	687,480	1.8%	700,308	1.9%	713,700	1.9%	727,668	2.0%	3,504,468
	Total Expenses	1,770,206	1,862,436	5.2%	1,922,076	3.2%	1,984,296	3.2%	2,049,048	3.3%	2,116,428	3.3%	9,934,284

South Orange County Wastewater Authority
Engineering 5 Year Comparative Budgets

		FY 2015-16	FY 2016-17	Change %	FY 2017-18	Change %	FY 2018-19	Change %	FY 2019-20	Change %	FY 2020-21	Change %	5 YrTotal
	Salary and Fringe												
01-5000-03-00-00	Regular Salaries-O&M	75,403	103,896	37.8%	108,048	4.0%	112,368	4.0%	116,868	4.0%	121,536	4.0%	562,716
01-5401-03-00-00	Fringe Benefits IN to PC's & Depts.	53,536	73,764	37.8%	76,716	4.0%	79,788	4.0%	82,968	4.0%	86,292	4.0%	399,528
	Total Payroll Costs	128,939	177,660	37.8%	184,764	4.0%	192,156	4.0%	199,836	4.0%	207,828	4.0%	962,244
	Other Expenses												
01-5014-03-00-00	Engineering - Misc.	0	1,200	0.0%	1,212	1.0%	1,224	1.0%	1,236	1.0%	1,248	1.0%	6,120
01-5015-03-00-00	Management Support Services	36,004	39,996	11.1%	40,404	1.0%	40,800	1.0%	41,208	1.0%	41,628	1.0%	204,036
01-5022-03-00-00	Miscellaneous Expense	10,408	11,004	5.7%	11,112	1.0%	11,220	1.0%	11,328	1.0%	11,448	1.1%	56,112
01-5039-03-00-00	Membership Dues/Fees	451	1,200	166.1%	1,212	1.0%	1,224	1.0%	1,236	1.0%	1,248	1.0%	6,120
01-5061-03-00-00	Mileage	218	396	81.7%	408	3.0%	408	0.0%	408	0.0%	420	2.9%	2,040
01-5075-03-00-00	Recruitment	7,642	0	(100.0%)	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0
01-5203-03-00-00	Workers Compensation Ins.	0	396	0.0%	408	3.0%	408	0.0%	408	0.0%	420	2.9%	2,040
01-5309-03-00-00	Operating Leases	14,788	15,000	1.4%	15,156	1.0%	15,300	1.0%	15,456	1.0%	15,612	1.0%	76,524
01-5705-03-00-00	Monthly Car Allowance	0	5,820	0.0%	5,880	1.0%	5,940	1.0%	6,000	1.0%	6,060	1.0%	29,700
01-5802-03-00-00	Shipping/Freight	299	300	0.3%	300	0.0%	312	4.0%	312	0.0%	312	0.0%	1,536
01-6500-03-00-00	IT Allocations in to PC's & Depts.	41,601	44,028	5.8%	45,132	2.5%	46,308	2.6%	47,508	2.6%	48,744	2.6%	231,720
	Total Other Expenses	111,411	119,340	7.1%	121,224	1.6%	123,144	1.6%	125,100	1.6%	127,140	1.6%	615,948
	Total Expenses	240,350	297,000	23.6%	305,988	3.0%	315,300	3.0%	324,936	3.1%	334,968	3.1%	1,578,192

South Orange County Wastewater Authority
IT 5 Year Comparative Budgets

		FY 2015-16	FY 2016-17	Change %	FY 2017-18	Change %	FY 2018-19	Change %	FY 2019-20	Change %	FY 2020-21	Change %	5 Yr Total
	Salary and Fringe												
01-5401-05-00-00	Fringe Benefits IN to PC's & Depts.	49,576	52,572	6.0%	54,684	4.0%	56,868	4.0%	59,136	4.0%	61,512	4.0%	284,772
01-6000-05-00-00	Regular Salaries-Admin & IT	69,825	74,052	6.1%	77,016	4.0%	80,088	4.0%	83,292	4.0%	86,628	4.0%	401,076
01-6001-05-00-00	Overtime Salaries-Admin & IT	1,910	2,004	4.9%	2,076	3.6%	2,160	4.0%	2,244	3.9%	2,340	4.3%	10,824
	Total Payroll Costs	121,311	128,628	6.0%	133,776	4.0%	139,116	4.0%	144,672	4.0%	150,480	4.0%	696,672
	Other Expenses												
01-5023-05-00-00	Office Supplies - All	191	252	31.9%	252	0.0%	252	0.0%	252	0.0%	264	4.8%	1,272
01-5028-05-00-00	Small Tools & Supplies	958	504	(47.4%)	504	0.0%	516	2.4%	516	0.0%	516	0.0%	2,556
01-5035-05-00-00	Training Expense	0	1,692	0.0%	1,704	0.7%	1,716	0.7%	1,740	1.4%	1,752	0.7%	8,604
01-5037-05-00-00	Office Equipment	7,626	6,000	(21.3%)	6,060	1.0%	6,120	1.0%	6,180	1.0%	6,240	1.0%	30,600
01-5061-05-00-00	Mileage	124	348	180.6%	348	0.0%	360	3.4%	360	0.0%	360	0.0%	1,776
01-6239-05-00-00	Travel & Conference	3,586	2,496	(30.4%)	2,520	1.0%	2,556	1.4%	2,580	0.9%	2,604	0.9%	12,756
01-6300-05-00-00	Software Maintenance Agreements	51,419	57,144	11.1%	58,860	3.0%	60,624	3.0%	62,448	3.0%	64,320	3.0%	303,396
01-6301-05-00-00	Hardware Maintenance Agreements	174,094	12,912	(92.6%)	13,296	3.0%	13,704	3.1%	14,112	3.0%	14,532	3.0%	68,556
01-6302-05-00-00	Cloud Subscriptions (Internet)	14,336	9,516	(33.6%)	9,708	2.0%	9,900	2.0%	10,104	2.1%	10,308	2.0%	49,536
01-6303-05-00-00	Telecommunications	106,941	109,020	1.9%	112,284	3.0%	115,656	3.0%	119,124	3.0%	122,700	3.0%	578,784
01-6305-05-00-00	IT Professional Services	101,888	241,500	137.0%	246,336	2.0%	251,256	2.0%	256,284	2.0%	261,408	2.0%	1,256,784
01-6306-05-00-00	Small Hardware Purchases (< $5k)	25,064	34,896	39.2%	35,604	2.0%	36,312	2.0%	37,032	2.0%	37,776	2.0%	181,620
01-6307-05-00-00	Small Software Purchases (<$5k)	13,364	48,540	263.2%	49,512	2.0%	50,496	2.0%	51,516	2.0%	52,536	2.0%	252,600
01-6308-05-00-00	IT Memberships	1,200	156	(87.0%)	156	0.0%	168	7.7%	168	0.0%	168	0.0%	816
01-6309-05-00-00	Operating Leases	37,779	44,004	16.5%	44,436	1.0%	44,880	1.0%	45,336	1.0%	45,792	1.0%	224,448
01-6310-05-00-00	Miscellaneous	455	996	118.9%	1,008	1.2%	1,020	1.2%	1,032	1.2%	1,044	1.2%	5,100
01-6601-05-00-00	Shipping/Freight	0	252	0.0%	252	0.0%	252	0.0%	252	0.0%	264	4.8%	1,272
	Total Other Expenses	539,025	570,228	5.8%	582,840	2.5%	595,788	2.6%	609,036	2.6%	622,584	2.6%	2,980,476
	Total Expenses	660,336	698,856	5.8%	716,616	6.5%	734,904	6.5%	753,708	6.6%	773,064	6.6%	3,677,148
01-6400-05-00-00	IT Allocations (OUT) to PC's & Depts.	(660,336)	(698,856)	5.8%	(716,616)	6.5%	(734,904)	6.5%	(753,708)	6.6%	(773,064)	6.6%	(3,677,148)
	Net IT	0	0	0	0	0	0	0	0	0	0	0	0

South Orange County Wastewater Authority
2016-2017 Project Committee Detail
(Does Not Include Admin)

		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	1,306,420	33,040	111,168	843,788	1,758,752	0	108,472	87,744	4,249,384
-5001--**-**	Overtime Salaries-O&M	20,408	1,444	3,000	13,436	35,992	0	3,000	1,800	79,080
-5306--**-**	Scheduled Holiday Work	13,600	956	1,992	8,956	22,004	0	1,996	1,196	50,700
-5401--**-**	Fringe Benefits IN to PC's & Depts	927,568	23,464	78,932	599,092	1,248,716	0	77,016	62,292	3,017,080
-5700--**-**	Standby Pay	51,492	0	0	34,596	51,500	0	0	0	137,588
	Total Payroll Costs	2,319,488	58,904	195,092	1,499,868	3,116,964	0	190,484	153,032	7,533,832
	Other Expenses									
-5002--**-**	Electricity	859,996	0	2,104	270,008	675,504	0	1,400	0	1,809,012
-5003--**-**	Natural Gas	30,000	0	504	2,600	134,200	0	0	0	167,304
-5004--**-**	Potable & Reclaimed Water	14,804	0	0	12,404	32,000	0	0	0	59,208
-5005--**-**	Co-generation Power Credit	0	0	0	0	(450,004)	0	0	0	(450,004)
-5006--**-**	Chlorine/Sodium Hypochlorite	27,200	0	0	115,200	400,004	0	0	0	542,404
-5007--**-**	Polymer Products	257,500	0	0	2,000	387,004	0	0	0	646,504
-5008--**-**	Ferric Chloride	90,600	0	0	30,804	130,396	0	0	0	251,800
-5009--**-**	Odor Control Chemicals	21,400	0	0	82,400	63,604	0	0	0	167,404
-5010--**-**	Other Chemicals - Misc	1,000	0	0	0	4,000	0	0	0	5,000
-5011--**-**	Laboratory Services	10,500	0	0	9,700	13,000	0	0	2,500	35,700
-5012--**-**	Grit Hauling - 21A	38,500	0	0	28,200	46,500	0	0	0	113,200
-5013--**-**	Landscaping	45,000	0	0	50,000	65,000	0	0	0	160,000
-5014--**-**	Engineering - Misc	80,000	0	10,000	65,000	95,000	85,000	0	0	335,000
-5015--**-**	Management Support Services	136,004	45,004	20,004	12,008	57,000	0	20,004	4,000	294,024
-5016--**-**	Audit - Environmental	0	0	0	0	0	0	0	500	500
-5017--**-**	Legal Fees	23,996	8,008	0	50,000	4,000	0	0	2,000	88,004
-5018--**-**	Public Notices/ Public Relations	0	0	0	0	0	0	0	500	500
-5019--**-**	Contract Services Misc - 29	77,304	0	0	71,104	122,000	0	0	0	270,408
-5021--**-**	Small Vehicle Expense - 31A	7,204	0	0	5,692	5,700	0	0	848	19,444
-5022--**-**	Miscellaneous Expense	7,204	0	0	2,704	5,400	0	0	1,496	16,804
-5023--**-**	Office Supplies - All	20,004	0	0	6,400	7,200	0	0	0	33,604
-5024--**-**	Petroleum Products	15,500	0	0	1,700	41,200	0	0	0	58,400
-5025--**-**	Uniforms	12,004	0	0	5,900	16,504	0	0	0	34,408
-5026--**-**	Small Vehicle Fuel - 37A	14,108	0	0	5,900	12,500	0	0	1,196	33,704
-5027--**-**	Insurance - Property/Liability	47,744	0	2,332	13,144	45,008	564	1,396	0	110,188
-5028--**-**	Small Tools & Supplies	31,004	0	0	7,200	20,604	920	0	3,400	63,128
-5030--**-**	Trash Disposal	800	0	0	3,104	904	0	0	0	4,808
-5031--**-**	Safety Supplies	35,004	0	504	18,496	36,996	0	500	0	91,500
-5032--**-**	Equipment Rental	3,000	0	0	1,200	3,004	0	0	0	7,204
-5034--**-**	Travel Expense/Tech Conferences	14,504	0	3,004	5,000	12,008	0	2,004	3,496	40,016
-5035--**-**	Training Expense	31,004	0	0	5,992	24,004	0	0	1,496	62,496
-5036--**-**	Laboratory Supplies	14,000	0	16,996	10,004	18,504	0	16,004	0	75,508
-5037--**-**	Office Equipment	15,004	0	0	1,000	5,400	0	0	0	21,404
-5038--**-**	Permits	22,000	130,008	145,000	13,008	40,004	0	138,000	0	488,020
-5039--**-**	Membership Dues/Fees	5,000	0	0	2,000	4,008	0	0	1,004	12,012
-5040--**-**	Natural Gas - 11-EPS - PC 5	0	0	396	0	0	0	0	0	396
-5041--**-**	Electricity - 10-EPS - PC 5	0	0	31,500	0	0	0	0	0	31,500
-5042--**-**	Contract Services - 29-EPS - PC 5	0	0	4,104	0	0	0	0	0	4,104
-5044--**-**	Offshore Monitoring - 20A	0	0	20,004	0	0	0	20,004	0	40,008
-5046--**-**	Effluent Chemistry - 20C	0	0	26,000	0	0	0	26,004	0	52,004
-5047--**-**	Access Road Expenses	0	0	0	45,400	0	0	0	0	45,400
-5048--**-**	Storm Damage	0	0	0	18,600	0	0	0	0	18,600
-5049--**-**	Biosolids Disposal - 21B	574,600	0	0	125,004	825,000	0	0	0	1,524,604
-5050--**-**	Contract Services Generators - 29A	8,296	0	0	4,208	7,200	0	0	0	19,704
-5052--**-**	Janitorial Services	20,004	0	0	10,000	20,004	0	0	0	50,008
-5054--**-**	Diesel Truck Maint - 31B	10,004	0	0	1,004	18,504	0	0	0	29,512
-5055--**-**	Diesel Truck Fuel - 37B	6,000	0	0	0	6,200	0	0	0	12,200
-5056--**-**	Maintenance Equip & Facilities (Solids) 41-A	133,100	0	0	0	178,400	0	0	0	311,500
-5057--**-**	Maintenance Equip & Facilities (Liquids) 41-B	232,204	0	0	149,096	149,100	0	0	0	530,400
-5058--**-**	Maintenance Equip & Facilities (Common) 41-C	24,500	0	0	16,600	19,200	0	0	0	60,300
-5059--**-**	Maintenance Equip & Facilities (Co-Gen) 41-D	69,000	0	0	0	89,500	0	0	0	158,500
-5060--**-**	Maintenance Equip & Facilities (AWT) 41-E	0	0	0	26,700	30,900	0	0	0	57,600
-5061--**-**	Mileage	752	0	0	1,204	2,996	0	0	0	4,952
-5068--**-**	MNWD Lab Services and Supplies	0	0	0	0	23,996	0	0	0	23,996
-5069--**-**	Misc-Capital-Dilution & Metering Study	0	0	50,004	0	0	0	15,000	0	65,004
-5077--**-**	IT Direct	150,004	0	0	0	0	0	0	0	150,004
-5105--**-**	Co-Generation Power Credit - Offset	0	0	0	0	450,004	0	0	0	450,004
-5309--**-**	Operating Leases	4,000	0	0	0	3,004	0	0	0	7,004
-5705--**-**	Monthly Car Allowance	23,316	0	0	4,004	10,000	0	0	0	37,320
-6500--**-**	IT Allocations in to PC's & Depts.	181,468	20,000	28,308	118,848	209,852	0	18,776	0	577,252
	Total Other Expenses	3,446,140	203,020	360,764	1,430,540	4,122,016	86,484	259,092	22,436	9,930,492
	Total Expenses	**5,765,628**	**261,924**	**555,856**	**2,930,408**	**7,238,980**	**86,484**	**449,576**	**175,468**	**17,464,324**

South Orange County Wastewater Authority
2017-2018 Project Committee Detail
(Does Not Include Admin)

		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	1,358,672	34,380	115,616	877,560	1,829,120	0	112,808	91,248	4,419,404
-5001--**-**	Overtime Salaries-O&M	21,200	1,504	3,128	13,976	37,444	0	3,112	1,872	82,236
-5306--**-**	Scheduled Holiday Work	14,148	1,000	2,080	9,316	22,880	0	2,072	1,248	52,744
-5401--**-**	Fringe Benefits IN to PC's & Depts.	964,660	24,416	82,084	623,056	1,298,672	0	80,096	64,792	3,137,776
-5700--**-**	Standby Pay	53,564	0	0	35,980	53,564	0	0	0	143,108
	Total Payroll Costs	2,412,244	61,300	202,908	1,559,888	3,241,680	0	198,088	159,160	7,835,268
	Other Expenses									
-5002--**-**	Electricity	650,004	0	2,244	283,496	420,000	0	1,432	0	1,357,176
-5003--**-**	Natural Gas	31,496	0	504	2,700	140,904	0	0	0	175,604
-5004--**-**	Potable & Reclaimed Water	15,200	0	0	12,792	34,000	0	0	0	61,992
-5005--**-**	Co-generation Power Credit	0	0	0	0	(472,504)	0	0	0	(472,504)
-5006--**-**	Chlorine/Sodium Hypochlorite	28,600	0	0	121,004	419,996	0	0	0	569,600
-5007--**-**	Polymer Products	270,400	0	0	2,100	406,404	0	0	0	678,904
-5008--**-**	Ferric Chloride	95,096	0	0	32,300	136,896	0	0	0	264,292
-5009--**-**	Odor Control Chemicals	22,004	0	0	84,896	65,496	0	0	0	172,396
-5010--**-**	Other Chemicals - Misc	1,104	0	0	0	4,104	0	0	0	5,208
-5011--**-**	Laboratory Services	10,500	0	0	9,896	13,000	0	0	2,500	35,896
-5012--**-**	Grit Hauling - 21A	40,400	0	0	29,600	48,796	0	0	0	118,796
-5013--**-**	Landscaping	46,404	0	0	51,496	66,996	0	0	0	164,896
-5014--**-**	Engineering - Misc	80,000	0	10,000	56,704	96,900	85,000	0	0	328,604
-5015--**-**	Management Support Services	138,720	45,004	20,004	12,224	58,140	0	20,004	4,000	298,096
-5016--**-**	Audit - Environmental	0	0	0	0	0	0	0	500	500
-5017--**-**	Legal Fees	24,484	8,008	0	51,008	4,080	0	0	2,000	89,580
-5018--**-**	Public Notices/ Public Relations	0	0	0	0	0	0	0	500	500
-5019--**-**	Contract Services Misc - 29	79,600	0	0	73,200	125,704	0	0	0	278,504
-5021--**-**	Small Vehicle Expense - 31A	7,400	0	0	5,900	5,904	0	0	896	20,100
-5022--**-**	Miscellaneous Expense	7,404	0	0	2,792	5,604	0	0	1,496	17,296
-5023--**-**	Office Supplies - All	20,604	0	0	6,600	7,400	0	0	0	34,604
-5024--**-**	Petroleum Products	15,996	0	0	1,804	42,400	0	0	0	60,200
-5025--**-**	Uniforms	12,396	0	0	6,096	16,996	0	0	0	35,488
-5026--**-**	Small Vehicle Fuel - 37A	14,504	0	0	6,096	12,900	0	0	1,196	34,696
-5027--**-**	Insurance - Property/Liability	52,528	0	2,564	14,080	49,500	564	1,528	0	120,764
-5028--**-**	Small Tools & Supplies	31,900	0	0	7,408	21,200	920	0	3,476	64,904
-5030--**-**	Trash Disposal	800	0	0	3,200	904	0	0	0	4,904
-5031--**-**	Safety Supplies	35,700	0	512	18,872	37,744	0	512	0	93,340
-5032--**-**	Equipment Rental	3,100	0	0	1,200	3,100	0	0	0	7,400
-5034--**-**	Travel Expense/Tech. Conferences	12,796	0	3,028	5,600	12,244	0	2,040	3,572	39,280
-5035--**-**	Training Expense	24,100	0	0	6,120	24,480	0	0	1,496	56,196
-5036--**-**	Laboratory Supplies	14,000	0	16,996	10,004	19,020	0	17,000	0	77,020
-5037--**-**	Office Equipment	15,500	0	0	1,000	5,604	0	0	0	22,104
-5038--**-**	Permits	22,000	130,008	145,000	6,504	40,004	0	141,992	0	485,508
-5039--**-**	Membership Dues/Fees	5,100	0	0	2,016	4,080	0	0	1,004	12,200
-5040--**-**	Natural Gas - 11-EPS - PC 5	0	0	396	0	0	0	0	0	396
-5041--**-**	Electricity - 10-EPS - PC 5	0	0	22,004	0	0	0	0	0	22,004
-5042--**-**	Contract Services - 29-EPS - PC 5	0	0	4,200	0	0	0	0	0	4,200
-5044--**-**	Offshore Monitoring - 20A	0	0	24,000	0	0	0	24,000	0	48,000
-5045--**-**	Offshore Biochemistry - 20B	0	0	40,000	0	0	0	40,004	0	80,004
-5046--**-**	Effluent Chemistry - 20C	0	0	40,000	0	0	0	40,004	0	80,004
-5047--**-**	Access Road Expenses	0	0	0	46,800	0	0	0	0	46,800
-5048--**-**	Storm Damage	0	0	0	19,200	0	0	0	0	19,200
-5049--**-**	Biosolids Disposal - 21B	603,296	0	0	125,004	866,296	0	0	0	1,594,596
-5050--**-**	Contract Services Generators - 29A	8,504	0	0	4,296	7,400	0	0	0	20,200
-5052--**-**	Janitorial Services	20,604	0	0	10,296	20,604	0	0	0	51,504
-5053--**-**	Contract Serv - Digester Cleaning - 29E	10,496	0	0	0	60,004	0	0	0	70,500
-5054--**-**	Diesel Truck Maint - 31B	6,304	0	0	1,100	19,396	0	0	0	26,800
-5055--**-**	Diesel Truck Fuel - 37B	60,000	0	0	0	6,500	0	0	0	66,500
-5056--**-**	Maintenance Equip. & Facilities (Solids) 41-A	137,100	0	0	0	183,800	0	0	0	320,900
-5057--**-**	Maintenance Equip. & Facilities (Liquids) 41-B	239,200	0	0	153,600	153,600	0	0	0	546,400
-5058--**-**	Maintenance Equip & Facilities (Common) 41-C	25,196	0	0	17,096	19,804	0	0	0	62,096
-5059--**-**	Maintenance Equip & Facilities (Co-Gen) 41-D	71,096	0	0	0	92,200	0	0	0	163,296
-5060--**-**	Maintenance Equip & Facilities (AWT) 41-E	0	0	0	27,500	31,800	0	0	0	59,300
-5061--**-**	Mileage	752	0	0	1,204	3,100	0	0	0	5,056
-5067--**-**	Port Cleaning	0	0	95,000	0	0	0	0	0	95,000
-5068--**-**	MNWD Lab Services and Supplies	0	0	0	0	23,996	0	0	0	23,996
-5069--**-**	Misc-Capital-Dilution & Metering Study	0	0	0	0	0	0	15,000	0	15,000
-5077--**-**	IT Direct	25,004	0	0	0	0	0	0	0	25,004
-5105--**-**	Co-Generation Power Credit - Offset	0	0	0	0	472,504	0	0	0	472,504
-5309--**-**	Operating Leases	4,104	0	0	0	3,100	0	0	0	7,204
-5705--**-**	Monthly Car Allowance	24,020	0	0	4,156	10,392	0	0	0	38,568
-6500--**-**	IT Allocations in to PC's & Depts	186,004	20,504	29,012	121,824	215,104	0	19,240	0	591,688
	Total Other Expenses	3,251,520	203,524	455,464	1,460,784	4,067,596	86,484	322,756	22,636	9,870,764
	Total Expenses	**5,663,764**	**264,824**	**658,372**	**3,020,672**	**7,309,276**	**86,484**	**520,844**	**181,796**	**17,706,032**

South Orange County Wastewater Authority
2018-2019 Project Committee Detail
(Does Not Include Admin)

		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	1,413,020	35,756	120,248	912,652	1,902,280	0	117,344	94,900	4,596,200
-5001--**-**	Overtime Salaries-O&M	22,072	1,564	3,248	14,528	38,948	0	3,244	1,948	85,552
-5306--**-**	Scheduled Holiday Work	14,712	1,052	2,160	9,696	23,792	0	2,156	1,300	54,868
-5401--**-**	Fringe Benefits IN to PC's & Depts	1,003,252	25,376	85,392	647,996	1,350,624	0	83,300	67,376	3,263,316
-5700--**-**	Standby Pay	55,704	0	0	37,416	55,704	0	0	0	148,824
	Total Payroll Costs	2,508,760	63,748	211,048	1,622,288	3,371,348	0	206,044	165,524	8,148,760
Other Expenses										
-5002--**-**	Electricity	625,000	0	2,304	297,704	441,000	0	1,464	0	1,367,472
-5003--**-**	Natural Gas	33,096	0	504	2,804	147,900	0	0	0	184,304
-5004--**-**	Potable & Reclaimed Water	15,700	0	0	13,192	34,996	0	0	0	63,888
-5005--**-**	Co-generation Power Credit	0	0	0	0	(496,100)	0	0	0	(496,100)
-5006--**-**	Chlorine/Sodium Hypochlorite	30,004	0	0	127,100	440,996	0	0	0	598,100
-5007--**-**	Polymer Products	283,900	0	0	2,200	426,700	0	0	0	712,800
-5008--**-**	Ferric Chloride	99,904	0	0	33,900	143,692	0	0	0	277,496
-5009--**-**	Odor Control Chemicals	22,700	0	0	87,400	67,504	0	0	0	177,604
-5010--**-**	Other Chemicals - Misc	1,200	0	0	0	4,200	0	0	0	5,400
-5011--**-**	Laboratory Services	10,708	0	0	10,092	13,260	0	0	3,004	37,064
-5012--**-**	Grit Hauling - 21A	42,400	0	0	31,100	51,204	0	0	0	124,704
-5013--**-**	Landscaping	47,804	0	0	53,008	69,000	0	0	0	169,812
-5014--**-**	Engineering - Misc	84,900	0	10,204	58,392	98,840	85,000	0	0	337,336
-5015--**-**	Management Support Services	141,492	45,900	20,400	12,480	59,300	0	20,400	4,000	303,972
-5016--**-**	Audit - Environmental	0	0	0	0	0	0	0	500	500
-5017--**-**	Legal Fees	24,964	8,168	0	52,016	4,160	0	0	2,000	91,308
-5018--**-**	Public Notices/ Public Relations	0	0	0	0	0	0	0	500	500
-5019--**-**	Contract Services Misc - 29	82,000	0	0	75,400	129,500	0	0	0	286,900
-5021--**-**	Small Vehicle Expense - 31A	7,612	0	0	6,096	6,096	0	0	944	20,748
-5022--**-**	Miscellaneous Expense	7,596	0	0	2,896	5,796	0	0	1,496	17,784
-5023--**-**	Office Supplies - All	21,200	0	0	6,800	7,604	0	0	0	35,604
-5024--**-**	Petroleum Products	16,500	0	0	1,900	43,700	0	0	0	62,100
-5025--**-**	Uniforms	12,800	0	0	6,300	17,504	0	0	0	36,604
-5026--**-**	Small Vehicle Fuel - 37A	14,900	0	0	6,300	13,300	0	0	1,196	35,696
-5027--**-**	Insurance - Property/Liability	57,784	0	2,820	15,080	54,452	612	1,684	0	132,432
-5028--**-**	Small Tools & Supplies	32,900	0	0	7,600	21,800	932	0	3,580	66,812
-5030--**-**	Trash Disposal	800	0	0	3,296	904	0	0	0	5,000
-5031--**-**	Safety Supplies	36,420	0	524	19,248	38,492	0	528	0	95,212
-5032--**-**	Equipment Rental	3,196	0	0	1,200	3,200	0	0	0	7,596
-5034--**-**	Travel Expense/Tech Conferences	13,184	0	3,084	5,760	12,480	0	2,080	3,644	40,232
-5035--**-**	Training Expense	24,800	0	0	7,800	24,968	0	0	1,524	59,092
-5036--**-**	Laboratory Supplies	14,276	0	17,336	10,200	19,400	0	17,340	0	78,552
-5037--**-**	Office Equipment	16,000	0	0	1,000	5,796	0	0	0	22,796
-5038--**-**	Permits	22,440	130,008	158,000	6,624	40,800	0	158,000	0	515,872
-5039--**-**	Membership Dues/Fees	5,204	0	0	2,056	4,164	0	0	1,020	12,444
-5040--**-**	Natural Gas - 11-EPS - PC 5	0	0	396	0	0	0	0	0	396
-5041--**-**	Electricity - 10-EPS - PC 5	0	0	22,700	0	0	0	0	0	22,700
-5042--**-**	Contract Services - 29-EPS - PC 5	0	0	4,300	0	0	0	0	0	4,300
-5044--**-**	Offshore Monitoring - 20A	0	0	21,996	0	0	0	24,484	0	46,480
-5045--**-**	Offshore Biochemistry - 20B	0	0	15,000	0	0	0	15,000	0	30,000
-5046--**-**	Effluent Chemistry - 20C	0	0	27,992	0	0	0	28,004	0	55,996
-5047--**-**	Access Road Expenses	0	0	0	48,192	0	0	0	0	48,192
-5048--**-**	Storm Damage	0	0	0	19,800	0	0	0	0	19,800
-5049--**-**	Biosolids Disposal - 21B	633,500	0	0	125,004	909,600	0	0	0	1,668,104
-5050--**-**	Contract Services Generators - 29A	8,796	0	0	4,400	7,604	0	0	0	20,800
-5052--**-**	Janitorial Services	21,200	0	0	10,608	21,200	0	0	0	53,008
-5053--**-**	Contract Serv - Digester Cleaning - 29E	11,000	0	0	0	0	0	0	0	11,000
-5054--**-**	Diesel Truck Maint - 31B	6,604	0	0	1,204	20,396	0	0	0	28,204
-5055--**-**	Diesel Truck Fuel - 37B	60,000	0	0	0	6,800	0	0	0	66,800
-5056--**-**	Maintenance Equip & Facilities (Solids) 41-A	141,200	0	0	0	189,296	0	0	0	330,496
-5057--**-**	Maintenance Equip. & Facilities (Liquids) 41-B	246,396	0	0	158,196	158,200	0	0	0	562,792
-5058--**-**	Maintenance Equip. & Facilities (Common) 41-C	26,000	0	0	17,608	20,396	0	0	0	64,004
-5059--**-**	Maintenance Equip & Facilities (Co-Gen) 41-D	73,200	0	0	0	95,000	0	0	0	168,200
-5060--**-**	Maintenance Equip. & Facilities (AWT) 41-E	0	0	0	28,300	32,800	0	0	0	61,100
-5061--**-**	Mileage	752	0	0	1,204	3,212	0	0	0	5,168
-5067--**-**	Port Cleaning	0	0	95,000	0	0	0	95,000	0	190,000
-5068--**-**	MNWD Lab Services and Supplies	0	0	0	0	24,484	0	0	0	24,484
-5077--**-**	IT Direct	25,004	0	0	0	0	0	0	0	25,004
-5105--**-**	Co-Generation Power Credit - Offset	0	0	0	0	496,100	0	0	0	496,100
-5309--**-**	Operating Leases	4,184	0	0	0	3,200	0	0	0	7,384
-5705--**-**	Monthly Car Allowance	24,736	0	0	4,280	10,720	0	0	0	39,736
-6500--**-**	IT Allocations in to PC's & Depts.	190,836	21,048	29,772	124,992	220,692	0	19,740	0	607,080
	Total Other Expenses	3,326,792	205,124	432,332	1,510,732	4,176,308	86,544	383,724	23,408	10,144,964
	Total Expenses	**5,835,552**	**268,872**	**643,380**	**3,133,020**	**7,547,656**	**86,544**	**589,768**	**188,932**	**18,293,724**

South Orange County Wastewater Authority
2019-2020 Project Committee Detail
(Does Not Include Admin)

		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	1,469,548	37,184	125,048	949,152	1,978,368	0	122,020	98,696	4,780,016
-5001--**-**	Overtime Salaries-O&M	22,940	1,624	3,376	15,112	40,496	0	3,376	2,020	88,944
-5306--**-**	Scheduled Holiday Work	15,300	1,072	2,252	10,088	24,748	0	2,244	1,348	57,052
-5401--**-**	Fringe Benefits IN to PC's & Depts	1,043,380	26,400	88,788	673,892	1,404,652	0	86,636	70,080	3,393,828
-5700--**-**	Standby Pay	57,932	0	0	38,916	57,932	0	0	0	154,780
	Total Payroll Costs	2,609,100	66,280	219,464	1,687,160	3,506,196	0	214,276	172,144	8,474,620
	Other Expenses									
-5002--**-**	Electricity	656,296	0	2,340	312,596	463,052	0	1,496	0	1,435,780
-5003--**-**	Natural Gas	34,796	0	504	2,896	155,300	0	0	0	193,496
-5004--**-**	Potable & Reclaimed Water	16,204	0	0	13,608	36,100	0	0	0	65,912
-5005--**-**	Co-generation Power Credit	0	0	0	0	(520,900)	0	0	0	(520,900)
-5006--**-**	Chlorine/Sodium Hypochlorite	31,496	0	0	133,500	463,100	0	0	0	628,096
-5007--**-**	Polymer Products	298,096	0	0	2,304	448,000	0	0	0	748,400
-5008--**-**	Ferric Chloride	104,904	0	0	35,600	150,904	0	0	0	291,408
-5009--**-**	Odor Control Chemicals	23,396	0	0	90,000	69,496	0	0	0	182,892
-5010--**-**	Other Chemicals - Misc	1,304	0	0	0	4,300	0	0	0	5,604
-5011--**-**	Laboratory Services	10,924	0	0	10,296	13,524	0	0	3,496	38,240
-5012--**-**	Grit Hauling - 21A	44,500	0	0	32,704	53,796	0	0	0	131,000
-5013--**-**	Landscaping	49,200	0	0	54,592	71,100	0	0	0	174,892
-5014--**-**	Engineering - Misc	87,404	0	10,400	60,200	100,812	86,700	0	0	345,516
-5015--**-**	Management Support Services	144,320	46,816	20,800	12,728	60,484	0	20,808	4,500	310,456
-5016--**-**	Audit - Environmental	0	0	0	0	0	0	0	604	604
-5017--**-**	Legal Fees	25,472	8,332	0	53,056	4,248	0	0	2,500	93,608
-5018--**-**	Public Notices/ Public Relations	0	0	0	0	0	0	0	604	604
-5019--**-**	Contract Services Misc - 29	84,504	0	0	77,696	133,396	0	0	0	295,596
-5021--**-**	Small Vehicle Expense - 31A	7,796	0	0	6,300	6,296	0	0	1,004	21,396
-5022--**-**	Miscellaneous Expense	7,804	0	0	3,000	5,996	0	0	2,000	18,800
-5023--**-**	Office Supplies - All	21,800	0	0	7,000	7,796	0	0	0	36,596
-5024--**-**	Petroleum Products	17,000	0	0	2,000	45,004	0	0	0	64,004
-5025--**-**	Uniforms	13,192	0	0	6,500	18,016	0	0	0	37,708
-5026--**-**	Small Vehicle Fuel - 37A	15,300	0	0	6,500	13,700	0	0	1,496	36,996
-5027--**-**	Insurance - Property/Liability	63,552	0	3,104	16,576	59,892	680	1,856	0	145,660
-5028--**-**	Small Tools & Supplies	33,904	0	0	7,800	22,504	952	0	4,192	69,352
-5030--**-**	Trash Disposal	800	0	0	3,400	904	0	0	0	5,104
-5031--**-**	Safety Supplies	37,152	0	532	19,632	39,268	0	532	0	97,116
-5032--**-**	Equipment Rental	3,300	0	0	1,200	3,300	0	0	0	7,800
-5034--**-**	Travel Expense/Tech Conferences	13,444	0	3,144	5,880	12,736	0	2,120	3,720	41,044
-5035--**-**	Training Expense	25,296	0	0	7,960	25,472	0	0	1,564	60,292
-5036--**-**	Laboratory Supplies	14,568	0	17,688	10,404	19,784	0	17,684	0	80,128
-5037--**-**	Office Equipment	16,504	0	0	1,000	5,996	0	0	0	23,500
-5038--**-**	Permits	22,500	134,996	160,000	7,000	41,620	0	160,000	0	526,116
-5039--**-**	Membership Dues/Fees	5,312	0	0	2,104	4,248	0	0	1,044	12,708
-5040--**-**	Natural Gas - 11-EPS - PC 5	0	0	412	0	0	0	0	0	412
-5041--**-**	Electricity - 10-EPS - PC 5	0	0	23,152	0	0	0	0	0	23,152
-5042--**-**	Contract Services - 29-EPS - PC 5	0	0	4,384	0	0	0	0	0	4,384
-5044--**-**	Offshore Monitoring - 20A	0	0	24,000	0	0	0	24,968	0	48,968
-5046--**-**	Effluent Chemistry - 20C	0	0	27,992	0	0	0	28,004	0	55,996
-5047--**-**	Access Road Expenses	0	0	0	49,600	0	0	0	0	49,600
-5048--**-**	Storm Damage	0	0	0	20,400	0	0	0	0	20,400
-5049--**-**	Biosolids Disposal - 21B	665,200	0	0	125,004	955,100	0	0	0	1,745,304
-5050--**-**	Contract Services Generators - 29A	9,104	0	0	4,504	7,796	0	0	0	21,404
-5052--**-**	Janitorial Services	21,800	0	0	10,912	21,800	0	0	0	54,512
-5053--**-**	Contract Serv - Digester Cleaning - 29E	11,604	0	0	0	61,996	0	0	0	73,600
-5054--**-**	Diesel Truck Maint - 31B	6,900	0	0	1,300	21,400	0	0	0	29,600
-5055--**-**	Diesel Truck Fuel - 37B	0	0	0	0	7,100	0	0	0	7,100
-5056--**-**	Maintenance Equip & Facilities (Solids) 41-A	145,400	0	0	0	195,000	0	0	0	340,400
-5057--**-**	Maintenance Equip. & Facilities (Liquids) 41-B	253,800	0	0	162,900	162,900	0	0	0	579,600
-5058--**-**	Maintenance Equip. & Facilities (Common) 41-C	26,800	0	0	18,104	21,000	0	0	0	65,904
-5059--**-**	Maintenance Equip. & Facilities (Co-Gen) 41-D	75,400	0	0	0	97,904	0	0	0	173,304
-5060--**-**	Maintenance Equip. & Facilities (AWT) 41-E	0	0	0	29,100	33,800	0	0	0	62,900
-5061--**-**	Mileage	752	0	0	1,204	3,304	0	0	0	5,260
-5067--**-**	Port Cleaning	0	0	95,000	0	0	0	95,000	0	190,000
-5068--**-**	MNWD Lab Services and Supplies	0	0	0	0	24,972	0	0	0	24,972
-5077--**-**	IT Direct	25,004	0	0	0	0	0	0	0	25,004
-5105--**-**	Co-Generation Power Credit - Offset	0	0	0	0	520,900	0	0	0	520,900
-5309--**-**	Operating Leases	4,300	0	0	0	3,300	0	0	0	7,600
-5705--**-**	Monthly Car Allowance	25,492	0	0	4,408	11,032	0	0	0	40,932
-6500--**-**	IT Allocations in to PC's & Depts.	195,800	21,596	30,544	128,224	226,428	0	20,248	0	622,840
	Total Other Expenses	3,399,396	211,740	423,996	1,561,692	4,414,976	88,332	372,716	26,724	10,499,572
	Total Expenses	6,008,496	278,020	643,460	3,248,852	7,921,172	88,332	586,992	198,868	18,974,192

South Orange County Wastewater Authority
2020-2021 Project Committee Detail
(Does Not Include Admin)

		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	1,528,340	38,668	130,056	987,128	2,057,496	0	126,896	102,644	4,971,228
-5001--**	Overtime Salaries-O&M	23,868	1,684	3,512	15,732	42,112	0	3,508	2,104	92,520
-5306--**	Scheduled Holiday Work	15,896	1,124	2,340	10,480	25,732	0	2,344	1,404	59,320
-5401--**	Fringe Benefits IN to PC's & Depts	1,085,108	27,444	92,340	700,852	1,460,828	0	90,100	72,880	3,529,552
-5700--**	Standby Pay	60,248	0	0	40,472	60,248	0	0	0	160,968
	Total Payroll Costs	2,713,460	68,920	228,248	1,754,664	3,646,416	0	222,848	179,032	8,813,588
Other Expenses										
-5002--**	Electricity	689,092	0	2,388	328,204	486,204	0	1,536	0	1,507,424
-5003--**	Natural Gas	36,496	0	504	3,000	163,096	0	0	0	203,096
-5004--**	Potable & Reclaimed Water	16,704	0	0	14,008	37,196	0	0	0	67,908
-5005--**	Co-generation Power Credit	0	0	0	0	(546,896)	0	0	0	(546,896)
-5006--**	Chlorine/Sodium Hypochlorite	33,100	0	0	140,200	486,300	0	0	0	659,600
-5007--**	Polymer Products	313,000	0	0	2,400	470,400	0	0	0	785,800
-5008--**	Ferric Chloride	110,100	0	0	37,400	158,404	0	0	0	305,904
-5009--**	Odor Control Chemicals	24,096	0	0	92,700	71,600	0	0	0	188,396
-5010--**	Other Chemicals - Misc.	1,400	0	0	0	4,400	0	0	0	5,800
-5011--**	Laboratory Services	11,140	0	0	10,500	13,792	0	0	3,556	38,988
-5012--**	Grit Hauling - 21A	46,700	0	0	34,300	56,496	0	0	0	137,496
-5013--**	Landscaping	50,704	0	0	56,200	73,204	0	0	0	180,108
-5014--**	Engineering - Misc.	90,004	0	10,620	62,000	102,832	88,428	0	0	353,884
-5015--**	Management Support Services	147,208	47,748	21,228	12,984	61,696	0	21,224	4,568	316,656
-5016--**	Audit - Environmental	0	0	0	0	0	0	0	608	608
-5017--**	Legal Fees	25,976	8,500	0	54,120	4,324	0	0	2,536	95,456
-5018--**	Public Notices/ Public Relations	0	0	0	0	0	0	0	608	608
-5019--**	Contract Services Misc. - 29	86,936	0	0	80,000	137,396	0	0	0	304,392
-5021--**	Small Vehicle Expense - 31A	8,000	0	0	6,500	6,504	0	0	1,008	22,012
-5022--**	Miscellaneous Expense	8,000	0	0	3,104	6,200	0	0	2,028	19,332
-5023--**	Office Supplies - All	22,500	0	0	7,200	8,000	0	0	0	37,700
-5024--**	Petroleum Products	17,500	0	0	2,100	46,396	0	0	0	65,996
-5025--**	Uniforms	13,600	0	0	6,696	18,500	0	0	0	38,796
-5026--**	Small Vehicle Fuel - 37A	15,796	0	0	6,696	14,092	0	0	1,524	38,108
-5027--**	Insurance - Property/Liability	69,908	0	3,412	18,232	65,884	740	2,040	0	160,216
-5028--**	Small Tools & Supplies	34,900	0	0	8,008	23,200	972	0	4,380	71,460
-5030--**	Trash Disposal	800	0	0	3,504	904	0	0	0	5,208
-5031--**	Safety Supplies	37,888	0	544	20,024	40,056	0	548	0	99,060
-5032--**	Equipment Rental	3,408	0	0	1,200	3,404	0	0	0	8,012
-5034--**	Travel Expense/Tech Conferences	13,712	0	3,208	5,992	12,992	0	2,164	3,792	41,860
-5035--**	Training Expense	25,796	0	0	8,120	25,976	0	0	1,592	61,484
-5036--**	Laboratory Supplies	14,860	0	18,040	10,608	20,176	0	18,048	0	81,732
-5037--**	Office Equipment	17,000	0	0	1,000	6,200	0	0	0	24,200
-5038--**	Permits	22,952	136,692	162,440	7,112	42,640	0	162,436	0	534,272
-5039--**	Membership Dues/Fees	5,412	0	0	2,144	4,332	0	0	1,064	12,952
-5040--**	Natural Gas - 11-EPS - PC 5	0	0	416	0	0	0	0	0	416
-5041--**	Electricity - 10-EPS - PC 5	0	0	23,616	0	0	0	0	0	23,616
-5042--**	Contract Services - 29-EPS - PC 5	0	0	4,476	0	0	0	0	0	4,476
-5044--**	Offshore Monitoring - 20A	0	0	24,480	0	0	0	25,472	0	49,952
-5046--**	Effluent Chemistry - 20C	0	0	28,556	0	0	0	28,560	0	57,116
-5047--**	Access Road Expenses	0	0	0	51,104	0	0	0	0	51,104
-5048--**	Storm Damage	0	0	0	21,000	0	0	0	0	21,000
-5049--**	Biosolids Disposal - 21B	698,500	0	0	125,004	1,002,900	0	0	0	1,826,404
-5050--**	Contract Services Generators - 29A	9,400	0	0	4,600	8,000	0	0	0	22,000
-5052--**	Janitorial Services	22,500	0	0	11,208	22,504	0	0	0	56,212
-5053--**	Contract Serv - Digester Cleaning - 29E	12,200	0	0	0	0	0	0	0	12,200
-5054--**	Diesel Truck Maint - 31B	7,204	0	0	1,400	22,500	0	0	0	31,104
-5055--**	Diesel Truck Fuel - 37B	0	0	0	0	7,500	0	0	0	7,500
-5056--**	Maintenance Equip. & Facilities (Solids) 41-A	149,800	0	0	0	200,900	0	0	0	350,700
-5057--**	Maintenance Equip. & Facilities (Liquids) 41-B	261,400	0	0	167,800	167,800	0	0	0	597,000
-5058--**	Maintenance Equip. & Facilities (Common) 41-C	27,600	0	0	18,600	21,600	0	0	0	67,800
-5059--**	Maintenance Equip. & Facilities (Co-Gen) 41-D	77,700	0	0	0	100,800	0	0	0	178,500
-5060--**	Maintenance Equip. & Facilities (AWT) 41-E	0	0	0	30,000	34,800	0	0	0	64,800
-5061--**	Mileage	752	0	0	1,204	3,404	0	0	0	5,360
-5067--**	Port Cleaning	0	0	96,900	0	0	0	96,896	0	193,796
-5068--**	MNWD Lab Services and Supplies	0	0	0	0	25,472	0	0	0	25,472
-5077--**	IT Direct	25,004	0	0	0	0	0	0	0	25,004
-5105--**	Co-Generation Power Credit - Offset	0	0	0	0	546,896	0	0	0	546,896
-5309--**	Operating Leases	4,400	0	0	0	3,404	0	0	0	7,804
-5705--**	Monthly Car Allowance	26,248	0	0	4,552	11,356	0	0	0	42,156
-6500--**	IT Allocations in to PC's & Depts.	200,888	22,156	31,336	131,568	232,320	0	20,784	0	639,052
	Total Other Expenses	3,538,344	215,096	432,164	1,614,296	4,538,056	90,140	379,708	27,264	10,835,068
	Total Expenses	6,251,804	284,016	660,412	3,368,960	8,184,472	90,140	602,556	206,296	19,648,656

PC-2

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PC 2 - JB LATHAM TREATMENT PLANT OPERATIONS
COST ALLOCATIONS
FY 2016-17

Liquids		
Member Agency	Liquids Projected Flow	
	MGD	*%*
City of San Juan Capistrano	3.190	38.02%
Moulton Niguel Water District	1.400	16.69%
Santa Margarita Water District	1.800	21.45%
South Coast Water District	2.000	23.84%
Totals	8.390	100.00%

Solids		
Member Agency	Solids Projected Loadings	
	LBS/day	*%*
City of San Juan Capistrano	8,620	33.38%
Moulton Niguel Water District	5,207	20.16%
Santa Margarita Water District	6,695	25.92%
South Coast Water District	5,304	20.54%
Totals	25,826	100.00%

Common					
Member Agency	*(50% based on Liquids Capacity)* Liquids Ownership		*(50% based on Solids Capacity)* Solids Ownership		Total Common %
	MGD	*%*	*LBS/day*	*%*	
City of San Juan Capistrano	4.000	30.77%	11,572	30.00%	30.39%
Moulton Niguel Water District	3.000	23.08%	8,340	21.62%	22.35%
Santa Margarita Water District	2.250	17.31%	10,946	28.38%	22.84%
South Coast Water District	3.750	28.85%	7,715	20.00%	24.42%
Totals	13.000	100.00%	38,573	100.00%	100.00%

South Orange County Wastewater Authority
PC 2 Allocations
2016-17 O&M, Environmental and Safety

Description	Account #	Total	Wastewater Allocation %'s				
			Liquids	Solids	C/Liquids	C/Solids	Total
Regular Salaries-O&M	02-5000-01-00-00	$1,164,588	46.50%	44.00%	4.75%	4.75%	100.00%
Regular Salaries-O&M	02-5000-02-00-00	$141,830	51.60%	36.70%	5.85%	5.85%	100.00%
Overtime Salaries-O&M	02-5001-01-00-00	$18,000	46.50%	44.00%	4.75%	4.75%	100.00%
Overtime Salaries-O&M	02-5001-02-00-00	$2,400	51.60%	36.70%	5.85%	5.85%	100.00%
Electricity	02-5002-01-00-00	$860,000	65.00%	25.00%	5.00%	5.00%	100.00%
Natural Gas	02-5003-01-00-00	$30,000	65.00%	25.00%	5.00%	5.00%	100.00%
Water	02-5004-01-00-00	$14,800	10.00%	80.00%	5.00%	5.00%	100.00%
Chlorine/Sodium Hypochlorite	02-5006-01-00-00	$27,200	100.00%				100.00%
Polymer Products	02-5007-01-00-00	$257,500		100.00%			100.00%
Ferric Chloride	02-5008-01-00-00	$90,600		100.00%			100.00%
Odor Control Chemicals	02-5009-01-00-00	$21,400	15.00%	85.00%			100.00%
Other Chemicals - Misc	02-5010-01-00-00	$1,000			50.00%	50.00%	100.00%
Laboratory Services	02-5011-02-00-00	$10,500	75.00%	25.00%			100.00%
Grit Hauling - 21A	02-5012-01-00-00	$38,500	100.00%				100.00%
Landscaping	02-5013-01-00-00	$45,000			50.00%	50.00%	100.00%
Engineering - Misc.	02-5014-01-00-00	$80,000			50.00%	50.00%	100.00%
Engineering - Misc	02-5014-02-00-00				50.00%	50.00%	100.00%
Management Support Services	02-5015-01-00-00	$96,000			50.00%	50.00%	100.00%
Management Support Services	02-5015-02-00-00	$40,000			50.00%	50.00%	100.00%
Legal Fees	02-5017-01-03-00	$24,000			50.00%	50.00%	100.00%
Contract Services Misc - 29	02-5019-01-00-00	$77,300			50.00%	50.00%	100.00%
Small Vehicle Expense - 31A	02-5021-01-00-00	$7,200	46.50%	44.00%	4.75%	4.75%	100.00%
Small Vehicle Expense - 31A	02-5021-02-00-00		51.60%	36.70%	5.85%	5.85%	100.00%
Miscellaneous Expense	02-5022-01-00-00	$7,200			50.00%	50.00%	100.00%
Office Supplies - All	02-5023-01-00-00	$20,000			50.00%	50.00%	100.00%
Petroleum Products	02-5024-01-00-00	$15,500	80.00%	20.00%			100.00%
Uniforms	02-5025-01-00-00	$12,000	46.50%	44.00%	4.75%	4.75%	100.00%
Small Vehicle Fuel - 37A	02-5026-01-00-00	$14,100	46.50%	44.00%	4.75%	4.75%	100.00%
Insurance - Property/Liability	02-5027-01-00-00	$42,749			50.00%	50.00%	100.00%
Insurance - Property/Liability	02-5027-02-00-00	$5,000			50.00%	50.00%	100.00%
Small Tools & Supplies	02-5028-01-00-00	$31,000			50.00%	50.00%	100.00%
Trash Disposal	02-5030-01-00-00	$800			50.00%	50.00%	100.00%
Safety Supplies	02-5031-01-00-00				50.00%	50.00%	100.00%
Safety Supplies	02-5031-02-00-00	$35,000			50.00%	50.00%	100.00%
Equipment Rental	02-5032-01-00-00	$3,000			50.00%	50.00%	100.00%
Travel Expense/Tech. Conferences	02-5034-01-00-00	$11,000			50.00%	50.00%	100.00%
Travel Expense/Tech. Conferences	02-5034-02-00-00	$3,500			50.00%	50.00%	100.00%
Training Expense	02-5035-01-00-00	$31,000			50.00%	50.00%	100.00%
Laboratory Supplies	02-5036-02-00-00	$14,000	75.00%	25.00%			100.00%
Office Equipment	02-5037-01-00-00	$15,000			50.00%	50.00%	100.00%
Permits	02-5038-01-00-00				50.00%	50.00%	100.00%
Permits	02-5038-02-00-00	$22,000			50.00%	50.00%	100.00%
Membership Dues/Fees	02-5039-01-00-00	$4,000			50.00%	50.00%	100.00%
Membership Dues/Fees	02-5039-02-00-00	$1,000			50.00%	50.00%	100.00%
Biosolids Disposal - 21B	02-5049-01-00-00	$574,600		100.00%			100.00%
Contract Services Generators - 29A	02-5050-01-00-00	$8,300			50.00%	50.00%	100.00%
Janitorial Services	02-5052-01-00-00	$20,000			50.00%	50.00%	100.00%
Contract Serv - Digester Cleaning- 29E	02-5053-01-00-00			100.00%			100.00%
Diesel Truck Maint - 31B	02-5054-01-00-00	$10,000		100.00%			100.00%
Diesel Truck Fuel - 37B	02-5055-01-00-00	$6,000		100.00%			100.00%
Maintenance Equip. & Facilities (Solids) 41-A	02-5056-01-00-00	$133,100		100.00%			100.00%
Maintenance Equip. & Facilities (Liquids) 41-B	02-5057-01-00-00	$232,200	100.00%				100.00%
Maintenance Equip. & Facilities (Common) 41-C	02-5058-01-00-00	$24,500			50.00%	50.00%	100.00%
Maintenance Equip. & Facilities (Co-Gen) 41-D	02-5059-01-00-00	$69,000		100.00%	0.00%	0.00%	100.00%
Mileage	02-5061-01-00-00	$500	46.50%	44.00%	4.75%	4.75%	100.00%
Mileage	02-5061-02-00-00	$250	51.60%	36.70%	5.85%	5.85%	100.00%
IT Direct	02-5077-01-03-00	$150,000			50.00%	50.00%	100.00%
Non-Capital Engineering	02-5114-02-01-00	$0			50.00%	50.00%	100.00%
Scheduled Holiday Work	02-5306-01-01-00	$12,000	46.50%	44.00%	4.75%	4.75%	100.00%
Scheduled Holiday Work	02-5306-02-00-00	$1,600	51.60%	36.70%	5.85%	5.85%	100.00%
Operating Leases	02-5309-01-00-00	$4,000			50.00%	50.00%	100.00%
Fringe Benefits IN to PC's & Depts.	02-5401-01-00-00	$826,857	46.50%	44.00%	4.75%	4.75%	100.00%
Fringe Benefits IN to PC's & Depts.	02-5401-02-00-00	$100,699	51.60%	36.70%	5.85%	5.85%	100.00%
Standby Pay	02-5700-01-00-00	$51,500	46.50%	44.00%	4.75%	4.75%	100.00%
Monthly Car Allowance	02-5705-01-00-00	$11,000	46.50%	44.00%	4.75%	4.75%	100.00%
Monthly Car Allowance	02-5705-02-00-00	$12,320	51.60%	36.70%	5.85%	5.85%	100.00%
IT Allocations in to PC's & Depts.	02-6500-01-00-00	$162,417			50.00%	50.00%	100.00%
IT Allocations in to PC's & Depts.	02-6500-02-00-00	$19,047			50.00%	50.00%	100.00%

PC-5

South Orange County Wastewater Authority
PC 5 Allocations
2016-17 O&M, Environmental and Safety

Description	Account #	Total	Wastewater Allocation %'s				
			Fixed	EPS	Var 5%	Var 95%	Total
Regular Salaries-O&M	05-5000-01-11-00	$11,503	0.00%	4.00%	4.80%	91.20%	100.00%
Regular Salaries-O&M	05-5000-02-00-00	$99,669	0.00%	25.00%	3.80%	71.20%	100.00%
Overtime Salaries-O&M	05-5001-01-11-00		0.00%	4.00%	4.80%	91.20%	100.00%
Overtime Salaries-O&M	05-5001-02-00-00	$3,000	0.00%	25.00%	3.80%	71.20%	100.00%
Electricity	05-5002-01-00-00	$1,000			5.00%	95.00%	100.00%
Electricity	05-5002-02-00-00	$1,100			5.00%	95.00%	100.00%
Natural Gas	05-5003-02-00-00	$500			5.00%	95.00%	100.00%
Engineering - Misc.	05-5014-01-00-00	$10,000			5.00%	95.00%	100.00%
Management Support Services	05-5015-02-00-00	$20,000			5.00%	95.00%	100.00%
Insurance - Property/Liability	05-5027-02-00-00	$2,332	100.00%				100.00%
Safety Supplies	05-5031-02-00-00	$500			5.00%	95.00%	100.00%
Travel Expense/Tech. Conferences	05-5034-02-00-00	$3,000			5.00%	95.00%	100.00%
Laboratory Supplies	05-5036-02-00-00	$17,000			5.00%	95.00%	100.00%
Permits	05-5038-02-00-00	$145,000	100.00%				100.00%
Natural Gas - 11-EPS - PC 5	05-5040-02-00-00	$400		100.00%			100.00%
Electricity - 10-EPS - PC 5	05-5041-02-00-00	$31,500		100.00%			100.00%
Contract Services - 29-EPS - PC 5	05-5042-02-00-00	$4,100		100.00%			100.00%
Offshore Monitoring - 20A	05-5044-02-00-00	$20,000			5.00%	95.00%	100.00%
Offshore Biochemistry - 20B	05-5045-02-00-00				5.00%	95.00%	100.00%
Effluent Chemistry - 20C	05-5046-02-00-00	$26,000			5.00%	95.00%	100.00%
Maintenance Equip & Facilities (Solids) 41-A	05-5056-01-02-00				5.00%	95.00%	100.00%
Port Cleaning	05-5067-02-00-00				5.00%	95.00%	100.00%
Misc-Capital-Dilution & Metering Stud	05-5069-02-00-00	$50,000	100.00%				100.00%
Scheduled Holiday Work	05-5306-02-00-00	$2,000	0.00%	25.00%	3.80%	71.20%	100.00%
Fringe Benefits IN to PC's & Depts.	05-5401-01-11-00	$8,167	0.00%	4.00%	4.80%	91.20%	100.00%
Fringe Benefits IN to PC's & Depts.	05-5401-02-00-00	$70,765	0.00%	25.00%	3.80%	71.20%	100.00%
IT Allocations in to PC's & Depts.	05-6500-02-00-00	$28,308			5.00%	95.00%	100.00%

PC-8

South Orange County Wastewater Authority
PC 8 Allocations
2016-17 O&M, Environmental and Safety

Description	Account #	Total	Wastewater Allocation %'s Timecard	Insurance
Regular Salaries-O&M	08-5000-02-00-00	$87,741	100.00%	
Overtime Salaries-O&M	08-5001-02-00-00	$1,800	100.00%	
Laboratory Services	08-5011-02-00-00	$2,500	100.00%	
Management Support Services	08-5015-02-00-00	$4,000	100.00%	
Audit - Environmental	08-5016-02-00-00	$500	100.00%	
Legal Fees	08-5017-02-00-00	$2,000	100.00%	
Public Notices/ Public Relations	08-5018-02-00-00	$500	100.00%	
Small Vehicle Expense - 31A	08-5021-02-00-00	$850	100.00%	
Miscellaneous Expense	08-5022-02-00-00	$1,500	100.00%	
Small Vehicle Fuel - 37A	08-5026-02-00-00	$1,200	100.00%	
Insurance - Property/Liability	08-5027-02-00-00	$900		100.00%
Small Tools & Supplies	08-5028-02-00-00	$2,500	100.00%	
Travel Expense/Tech. Conferences	08-5034-02-00-00	$3,500	100.00%	
Training Expense	08-5035-02-00-00	$1,500	100.00%	
Memberships	08-5039-02-00-00	$1,000	100.00%	
Scheduled Holiday Work	08-5306-02-00-00	$1,200	100.00%	
Fringe Benefits IN to PC's & Depts.	08-5401-02-00-00	$62,296	100.00%	

PC2-SO

South Orange County Wastewater Authority
PC 12 Allocations
2016-17 O&M, Environmental and Safety

Description	Account #	Total	Wastewater Allocation %'s Region 9	Wastewater Allocation %'s Equally
Regular Salaries-O&M	12-5000-02-00-00	$33,053	50.00%	50.00%
Overtime Salaries-O&M	12-5001-02-00-00	$1,440		
Management Support Services	12-5015-02-00-00	$45,000		
Legal Fees	12-5017-02-00-00	$8,000		
Travel Expense/Tech. Conferences	12-5034-02-00-00			
Permits	12-5038-02-00-00	$130,000		
Scheduled Holiday Work	12-5306-02-00-00	$960		
Fringe Benefits IN to PC's & Depts.	12-5401-02-00-00	$23,468		
IT Allocations in to PC's & Depts.	12-6500-02-00-00	$20,013		

PC-15

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PC 15 - COASTAL TREATMENT PLANT OPERATIONS
COST ALLOCATIONS
FY 2016-17

Liquids		
Member Agency	Liquids Projected Flow	
	MGD	*%*
City of Laguna Beach	1.960	60.61%
Emerald Bay Service District	0.061	1.89%
Moulton Niguel Water District	0.000	0.00%
South Coast Water District	1.213	37.51%
Totals	3.234	100.00%

Common		
Member Agency	Common Ownership	
	MGD	*%*
City of Laguna Beach	2.540	37.91%
Emerald Bay Service District	0.200	2.99%
Moulton Niguel Water District	1.960	29.25%
South Coast Water District	2.000	29.85%
Totals	6.700	100.00%

AWT		
Member Agency	AWT Ownership	
	MGD	*%*
City of Laguna Beach		
Emerald Bay Service District		
Moulton Niguel Water District		
South Coast Water District	2.600	100.00%
Totals	2.600	100.00%

South Orange County Wastewater Authority
PC 15 Allocations
2016-17 O&M, Environmental and Safety

Description	Account #	Total	Wastewater Allocation %'s					
			Liquids	Solids	C/Liquids	C/Solids	AWT	Total
Regular Salaries-O&M	15-5000-01-00-00	$732,485	70.80%	0.00%	9.65%	9.65%	9.90%	100.00%
Regular Salaries-O&M	15-5000-02-00-00	$111,310	70.80%	0.00%	9.65%	9.65%	9.90%	100.00%
Overtime Salaries-O&M	15-5001-01-00-00	$10,440	70.80%	0.00%	9.65%	9.65%	9.90%	100.00%
Overtime Salaries-O&M	15-5001-02-00-00	$3,000	70.80%	0.00%	9.65%	9.65%	9.90%	100.00%
Electricity	15-5002-01-00-00	$270,000	94.00%		1.75%	1.75%	2.50%	100.00%
Natural Gas	15-5003-01-00-00	$2,600	95.00%		2.50%	2.50%	0.00%	100.00%
Water	15-5004-01-00-00	$12,400	20.00%		40.00%	40.00%		100.00%
Chlorine/Sodium Hypochlorite	15-5006-01-00-00	$115,200	5.00%				95.00%	100.00%
Polymer Products	15-5007-01-00-00	$2,000	43.00%				57.00%	100.00%
Ferric Chloride	15-5008-01-00-00	$30,800	100.00%					100.00%
Odor Control Chemicals	15-5009-01-00-00	$82,400	100.00%					100.00%
Laboratory Services	15-5011-02-00-00	$9,700	100.00%					100.00%
Grit Hauling - 21A	15-5012-01-00-00	$28,200	100.00%					100.00%
Landscaping	15-5013-01-00-00	$50,000	0.00%		50.00%	50.00%		100.00%
Engineering - Misc.	15-5014-01-00-00	$65,000			50.00%	50.00%		100.00%
Engineering - Misc.	15-5014-02-00-00				50.00%	50.00%		100.00%
Management Support Services	15-5015-01-00-00	$8,000			50.00%	50.00%		100.00%
Management Support Services	15-5015-02-00-00	$4,000			50.00%	50.00%		100.00%
Legal Fees	15-5017-01-00-00	$50,000			50.00%	50.00%		100.00%
Contract Services Misc. - 29	15-5019-01-00-00	$71,100			50.00%	50.00%		100.00%
Small Vehicle Expense - 31A	15-5021-01-00-00	$5,700	70.80%	0.00%	9.65%	9.65%	9.90%	100.00%
Small Vehicle Expense - 31A	15-5021-02-00-00		70.80%	0.00%	9.65%	9.65%	9.90%	100.00%
Miscellaneous Expense	15-5022-01-00-00	$2,700			50.00%	50.00%		100.00%
Office Supplies - All	15-5023-01-00-00	$6,400			50.00%	50.00%		100.00%
Petroleum Products	15-5024-01-00-00	$1,700	100.00%					100.00%
Uniforms	15-5025-01-00-00	$5,900	70.80%	0.00%	9.65%	9.65%	9.90%	100.00%
Small Vehicle Fuel - 37A	15-5026-01-00-00	$5,900	70.80%	0.00%	9.65%	9.65%	9.90%	100.00%
Insurance - Property/Liability	15-5027-01-00-00	$5,900			50.00%	50.00%		100.00%
Insurance - Property/Liability	15-5027-02-00-00	$7,248			50.00%	50.00%		100.00%
Small Tools & Supplies	15-5028-01-00-00	$7,200			50.00%	50.00%		100.00%
Trash Disposal	15-5030-01-00-00	$3,100			50.00%	50.00%		100.00%
Safety Supplies	15-5031-01-00-00				50.00%	50.00%		100.00%
Safety Supplies	15-5031-02-00-00	$18,500			50.00%	50.00%		100.00%
Equipment Rental	15-5032-01-00-00	$1,200			50.00%	50.00%		100.00%
Travel Expense/Tech. Conferences	15-5034-01-00-00	$2,000			50.00%	50.00%		100.00%
Travel Expense/Tech. Conferences	15-5034-02-00-00	$3,000			50.00%	50.00%		100.00%
Training Expense	15-5035-01-00-00	$6,000			50.00%	50.00%		100.00%
Laboratory Supplies	15-5036-02-00-00	$10,000	90.00%				10.00%	100.00%
Office Equipment	15-5037-01-00-00	$1,000			50.00%	50.00%		100.00%
Permits	15-5038-01-00-00	$6,500			50.00%	50.00%		100.00%
Permits	15-5038-02-00-00	$6,500			50.00%	50.00%		100.00%
Membership Dues/Fees	15-5039-01-00-00	$1,000			50.00%	50.00%		100.00%
Membership Dues/Fees	15-5039-02-00-00	$1,000			50.00%	50.00%		100.00%
Access Road Expenses	15-5047-01-00-00	$45,400			50.00%	50.00%		100.00%
Storm Damage	15-5048-01-00-00	$18,600			50.00%	50.00%		100.00%
Biosolids Disposal - 21B	15-5049-01-00-00	$125,000	100.00%					100.00%
Contract Services Generators - 29A	15-5050-01-00-00	$4,200			50.00%	50.00%		100.00%
Janitorial Services	15-5052-01-00-00	$10,000			50.00%	50.00%		100.00%
Diesel Truck Maint - 31B	15-5054-01-00-00	$1,000	100.00%					100.00%
Maintenance Equip. & Facilities (Liquids) 41-B	15-5057-01-00-00	$149,100	100.00%					100.00%
Maintenance Equip. & Facilities (Common) 41-C	15-5058-01-00-00	$16,600			50.00%	50.00%		100.00%
Maintenance Equip. & Facilities (AWT) 41-E	15-5060-01-00-00	$26,700					100.00%	100.00%
Mileage	15-5061-01-00-00	$1,200	70.80%	0.00%	9.65%	9.65%	9.90%	100.00%
IT Direct	15-5077-01-00-00				50.00%	50.00%		100.00%
Scheduled Holiday Work	15-5306-01-00-00	$6,960	70.80%	0.00%	9.65%	9.65%	9.90%	100.00%
Scheduled Holiday Work	15-5306-02-00-00	$2,000	70.80%	0.00%	9.65%	9.65%	9.90%	100.00%
Fringe Benefits IN to PC's & Depts.	15-5401-01-00-00	$520,064	70.80%	0.00%	9.65%	9.65%	9.90%	100.00%
Fringe Benefits IN to PC's & Depts.	15-5401-02-00-00	$79,030	70.80%	0.00%	9.65%	9.65%	9.90%	100.00%
Standby Pay	15-5700-01-00-00	$34,600	70.80%	0.00%	9.65%	9.65%	9.90%	100.00%
Monthly Car Allowance	15-5705-01-00-00	$4,000	70.80%	0.00%	9.65%	9.65%	9.90%	100.00%
IT Allocations in to PC's & Depts.	15-6500-01-00-00	$103,252			50.00%	50.00%		100.00%
IT Allocations in to PC's & Depts.	15-6500-02-00-00	$15,596			50.00%	50.00%		100.00%

PC-17

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PC 17 - REGIONAL TREATMENT PLANT OPERATIONS
COST ALLOCATIONS
FY 2016-17

Liquids		
Member Agency	Liquids Projected Flow	
	MGD	*%*
City of Laguna Beach	0.01408	0.17%
El Toro Water District	0.01719	0.20%
Emerald Bay Service Districtr	0.00044	0.01%
Moulton Niguel Water District	8.40541	99.52%
South Coast Water District	0.00871	0.10%
Totals	8.44583	100.00%

Solids		
Member Agency	Solids Projected Loadings	
	LBS/day	*%*
City of Laguna Beach	4,728	12.95%
El Toro Water District	5,903	16.17%
Emerald Bay Service Districtr	147	0.40%
Moulton Niguel Water District	22,801	62.46%
South Coast Water District	2,926	8.02%
Totals	36,505	100.00%

Common					
	(50% based on Liquids Capacity) Liquids Ownership		*(50% based on Solids Capacity)* Solids Ownership		Total Common %
Member Agency	*MGD*	*%*	*LBS/day*	*%*	
City of Laguna Beach		0.00%	5,605	11.22%	5.61%
El Toro Water District		0.00%	10,200	20.41%	10.21%
Emerald Bay Service Districtr		0.00%	295	0.59%	0.30%
Moulton Niguel Water District	12.000	100.00%	29,395	58.82%	79.41%
South Coast Water District		0.00%	4,480	8.96%	4.48%
Totals	12.000	100.00%	49,975	100.00%	100.00%

AWT		
Member Agency	AWT Ownership	
	MGD	*%*
City of Laguna Beach		
El Toro Water District		
Emerald Bay Service Districtr		
Moulton Niguel Water District	11.400	100.00%
South Coast Water District		
Totals	11.400	100.00%

South Orange County Wastewater Authority
PC 17 Allocations
2016-17 O&M, Environmental and Safety

Description	Account #	Total	Wastewater Allocation %'s					
			Liquids	Solids	C/Liquids	C/Solids	AWT	Total
Regular Salaries-O&M	17-5000-01-00-00	$1,522,384	38.00%	47.80%	2.90%	2.90%	8.40%	100.00%
Regular Salaries-O&M	17-5000-02-00-00	$236,381	38.00%	47.80%	2.90%	2.90%	8.40%	100.00%
Overtime Salaries-O&M	17-5001-01-00-00	$33,000	38.00%	47.80%	2.90%	2.90%	8.40%	100.00%
Overtime Salaries-O&M	17-5001-02-00-00	$3,000	38.00%	47.80%	2.90%	2.90%	8.40%	100.00%
Electricity	17-5002-01-00-00	$675,500	51.52%	32.83%	5.35%	5.35%	4.95%	100.00%
Natural Gas	17-5003-01-00-00	$134,200		100.00%				100.00%
Water	17-5004-01-00-00	$32,000	37.00%	56.50%	6.50%			100.00%
MNWD Potable Water Supplies & Svcs.	17-5004-02-00-00		37.00%	56.50%	6.50%			100.00%
Co-generation Power Credit	17-5005-01-00-00	($450,000)		100.00%				100.00%
Chlorine/Sodium Hypochlorite	17-5006-01-00-00	$400,000	12.80%				87.20%	100.00%
Polymer Products	17-5007-01-00-00	$387,000	17.50%	82.20%			0.30%	100.00%
Ferric Chloride	17-5008-01-00-00	$130,400	40.00%	60.00%				100.00%
Odor Control Chemicals	17-5009-01-00-00	$63,600	98.10%	1.90%				100.00%
Other Chemicals - Misc.	17-5010-01-00-00	$4,000			50.00%	50.00%		100.00%
Laboratory Services	17-5011-02-00-00	$13,000	70.00%	30.00%				100.00%
Grit Hauling - 21A	17-5012-01-00-00	$46,500	100.00%					100.00%
Landscaping	17-5013-01-00-00	$65,000			50.00%	50.00%		100.00%
Engineering - Misc.	17-5014-01-00-00	$95,000			50.00%	50.00%		100.00%
Engineering - Misc.	17-5014-02-00-00				50.00%	50.00%		100.00%
Management Support Services	17-5015-01-00-00	$8,000			50.00%	50.00%		100.00%
Management Support Services	17-5015-02-00-00	$49,000			50.00%	50.00%		100.00%
Legal Fees	17-5017-01-00-00	$4,000			50.00%	50.00%		100.00%
Contract Services Misc. - 29	17-5019-01-00-00	$122,000			50.00%	50.00%		100.00%
Small Vehicle Expense - 31A	17-5021-01-00-00	$5,700	38.00%	47.80%	2.90%	2.90%	8.40%	100.00%
Miscellaneous Expense	17-5022-01-00-00	$5,400			50.00%	50.00%		100.00%
Office Supplies - All	17-5023-01-00-00	$7,200			50.00%	50.00%		100.00%
Petroleum Products	17-5024-01-00-00	$41,200	7.40%	92.60%				100.00%
Uniforms	17-5025-01-00-00	$16,500	38.00%	47.80%	2.90%	2.90%	8.40%	100.00%
Small Vehicle Fuel - 37A	17-5026-01-00-00	$12,500	38.00%	47.80%	2.90%	2.90%	8.40%	100.00%
Insurance - Property/Liability	17-5027-01-00-00	$40,000			50.00%	50.00%		100.00%
Insurance - Property/Liability	17-5027-02-00-00	$5,000			50.00%	50.00%		100.00%
Small Tools & Supplies	17-5028-01-00-00	$20,600			50.00%	50.00%		100.00%
Trash Disposal	17-5030-01-00-00	$900			50.00%	50.00%		100.00%
Safety Supplies	17-5031-01-00-00				50.00%	50.00%		100.00%
Safety Supplies	17-5031-02-00-00	$37,000			50.00%	50.00%		100.00%
Equipment Rental	17-5032-01-00-00	$3,000			50.00%	50.00%		100.00%
Travel Expense/Tech. Conferences	17-5034-01-00-00	$9,000			50.00%	50.00%		100.00%
Travel Expense/Tech. Conferences	17-5034-02-00-00	$3,000			50.00%	50.00%		100.00%
Training Expense	17-5035-01-00-00	$24,000			50.00%	50.00%		100.00%
Laboratory Supplies	17-5036-01-00-00		63.00%	27.00%			10.00%	100.00%
Laboratory Supplies	17-5036-02-00-00	$18,500	63.00%	27.00%			10.00%	100.00%
Office Equipment	17-5037-01-00-00	$5,400			50.00%	50.00%		100.00%
Permits	17-5038-01-00-00				50.00%	50.00%		100.00%
Permits	17-5038-02-00-00	$40,000			50.00%	50.00%		100.00%
Membership Dues/Fees	17-5039-01-00-00	$3,000			50.00%	50.00%		100.00%
Membership Dues/Fees	17-5039-02-00-00	$1,000			50.00%	50.00%		100.00%
Biosolids Disposal - 21B	17-5049-01-00-00	$825,000		100.00%				100.00%
Contract Services Generators - 29A	17-5050-01-00-00	$7,200			50.00%	50.00%		100.00%
Janitorial Services	17-5052-01-00-00	$20,000			50.00%	50.00%		100.00%
Contract Serv - Digester Cleaning - 29E	17-5053-01-00-00			100.00%				100.00%
Diesel Truck Maint - 31B	17-5054-01-00-00	$18,500		100.00%				100.00%
Diesel Truck Fuel - 37B	17-5055-01-00-00	$6,200		100.00%				100.00%
Maintenance Equip. & Facilities (Solids) 41-A	17-5056-01-00-00	$178,400		100.00%				100.00%
Maintenance Equip. & Facilities (Liquids) 41-B	17-5057-01-00-00	$149,100	100.00%					100.00%
Maintenance Equip. & Facilities (Common) 41-C	17-5058-01-00-00	$19,200			50.00%	50.00%		100.00%
Maintenance Equip. & Facilities (Co-Gen) 41-D	17-5059-01-00-00	$89,500		100.00%				100.00%
Maintenance Equip. & Facilities (AWT) 41-E	17-5060-01-00-00	$30,900					100.00%	100.00%
Mileage	17-5061-01-00-00	$3,000	38.00%	47.80%	2.90%	2.90%	8.40%	100.00%
MNWD Potable Water Supplies & Svcs.	17-5068-02-00-00	$24,000	37.00%	56.50%	6.50%			100.00%
IT Direct	17-5077-01-00-00	$0			50.00%	50.00%		100.00%
Co-Generation Power Credit - Offset	17-5105-01-00-00	$450,000		100.00%				100.00%
Scheduled Holiday Work	17-5306-01-00-00	$22,000	38.00%	47.80%	2.90%	2.90%	8.40%	100.00%
Operating Leases	17-5309-01-00-00	$3,000			50.00%	50.00%		100.00%
Fringe Benefits IN to PC's & Depts	17-5401-01-00-00	$1,080,893	38.00%	47.80%	2.90%	2.90%	8.40%	100.00%
Fringe Benefits IN to PC's & Depts	17-5401-02-00-00	$167,831	38.00%	47.80%	2.90%	2.90%	8.40%	100.00%
Standby Pay	17-5700-01-00-00	$51,500	38.00%	47.80%	2.90%	2.90%	8.40%	100.00%
Monthly Car Allowance	17-5705-01-00-00	$10,000	38.00%	47.80%	2.90%	2.90%	8.40%	100.00%
IT Allocations In to PC's & Depts.	17-6500-01-00-00	$189,288			50.00%	50.00%		100.00%
IT Allocations In to PC's & Depts.	17-6500-02-00-00	$20,565			50.00%	50.00%		100.00%

PC-21

South Orange County Wastewater Authority
PC 21 Allocations
2016-17 O&M, Environmental and Safety

Description	Account #	Total	Wastewater Allocation %'s		
			Reach B/C/D	Reach E	Total
Regular Salaries-O&M	21-5000-02-00-00		67.00%	33.00%	100.00%
Engineering - Misc.	21-5014-02-00-00	$85,000	67.00%	33.00%	100.00%
Contract Services Misc. - 29	21-5019-02-00-00		67.00%	33.00%	100.00%
Insurance - Property/Liability	21-5027-02-00-00	$558	67.00%	33.00%	100.00%
Small Tools & Supplies	21-5028-01-00-00	$917	67.00%	33.00%	100.00%
Small Tools & Supplies	21-5028-02-00-00		67.00%	33.00%	100.00%
Misc-Capital-Dilution & Metering Study	21-5069-02-00-00		67.00%	33.00%	100.00%
Fringe Benefits IN to PC's & Depts.	21-5401-02-00-00		67.00%	33.00%	100.00%

PC-24

South Orange County Wastewater Authority
PC 24 Allocations
2016-17 O&M, Environmental and Safety

Description	Account #	Total	Wastewater Allocation %'s			
			Var 5%	Var 95%	Fixed	Total
Regular Salaries-O&M	24-5000-01-00-00	$6,460	5.00%	95.00%		100.00%
Regular Salaries-O&M	24-5000-02-00-00	$102,016	5.00%	95.00%		100.00%
Overtime Salaries-O&M	24-5001-01-00-00		5.00%	95.00%		100.00%
Overtime Salaries-O&M	24-5001-02-00-00	$3,000	5.00%	95.00%		100.00%
Electricity	24-5002-01-00-00	$700	5.00%	95.00%		100.00%
Electricity	24-5002-02-00-00	$700	5.00%	95.00%		100.00%
Engineering - Misc.	24-5014-02-00-00		5.00%	95.00%		100.00%
Management Support Services	24-5015-02-00-00	$20,000			100.00%	100.00%
Insurance - Property/Liability	24-5027-02-00-00	$1,394			100.00%	100.00%
Safety Supplies	24-5031-02-00-00	$500	5.00%	95.00%		100.00%
Travel Expense/Tech. Conferences	24-5034-02-00-00	$2,000			100.00%	100.00%
Laboratory Supplies	24-5036-02-00-00	$16,000	5.00%	95.00%		100.00%
Permits	24-5038-02-00-00	$138,000			100.00%	100.00%
Offshore Monitoring - 20A	24-5044-02-00-00	$20,000	5.00%	95.00%		100.00%
Effluent Chemistry - 20C	24-5046-02-00-00	$26,000	5.00%	95.00%		100.00%
Port Cleaning	24-5067-02-00-00		5.00%	95.00%		100.00%
Misc-Capital-Dilution & Metering Study	24-5069-02-00-00	$15,000	5.00%	95.00%		100.00%
Scheduled Holiday Work	24-5306-02-00-00	$2,000	5.00%	95.00%		100.00%
Fringe Benefits IN to PC's & Depts.	24-5401-01-00-00	$4,587	5.00%	95.00%		100.00%
Fringe Benefits IN to PC's & Depts.	24-5401-02-00-00	$72,431	5.00%	95.00%		100.00%
IT Allocations in to PC's & Depts.	24-6500-02-00-00	$18,771			100.00%	100.00%

CAPITAL

Capital Budget

2 Years Quarterly Expenditures
and
9 Years Capital Spending Plan

Fiscal Years 2016-17
thru 2024-25

South Orange County Wastewater Authority
9 Year Capital Budget/Plan by Member Agency

	1	2	3	4	5	6	7	8	9
	FY 2015-16 Budget	FY 2016-17 Budget	FY 2017-18 Frcst	FY 2018-19 Frcst	FY 2019-20 Frcst	FY 2020-21 Frcst	FY 2021-22 Frcst	FY 2022-23 Frcst	FY 2023-24 Frcst	FY 2024-25 Frcst
Total Capital Budget										
Member Agency										
City of Laguna Beach	1,729,736	1,744,512	2,733,814	3,546,437	530,131	562,744	783,778	1,234,448	917,487	1,808,455
City of San Clemente	54,015	88,397	47,150	0	0	0	0	0	0	0
City of San Juan Capistrano	4,685,978	1,909,263	2,283,396	2,035,046	1,406,444	1,042,086	995,689	1,570,220	1,212,316	2,371,340
El Toro Water District	1,876,888	1,222,601	438,100	510,598	357,586	1,137,628	3,961,272	2,826,263	256,985	2,004,886
Emerald Bay Service District	111,059	121,330	214,018	272,007	36,350	41,493	59,421	94,700	70,467	135,046
Irvine Ranch Water District	120,380	104,627	355,048	0	0	0	0	0	0	0
Moulton Niguel Water District	13,922,681	8,182,063	5,574,415	7,168,873	4,604,234	4,887,647	4,490,643	8,759,226	4,074,514	6,142,355
Santa Margarita Water District	4,346,577	1,633,534	1,801,697	1,308,770	1,299,713	690,086	600,883	1,125,416	715,391	1,359,069
South Coast Water District	5,739,855	3,626,705	4,178,999	4,762,472	1,378,242	1,533,337	1,520,894	3,175,009	1,834,948	3,700,465
Total Member Agency	**32,587,169**	**18,633,032**	**17,626,637**	**19,604,204**	**9,612,700**	**9,895,020**	**12,412,580**	**18,785,282**	**9,082,108**	**17,521,617**

South Orange County Wastewater Authority
9 Year Capital Budget/Plan by Member Agency

		1	2	3	4	5	6	7	8	9
	FY 2015-16 Budget	FY 2016-17 Budget	FY 2017-18 Frcst	FY 2018-19 Frcst	FY 2019-20 Frcst	FY 2020-21 Frcst	FY 2021-22 Frcst	FY 2022-23 Frcst	FY 2023-24 Frcst	FY 2024-25 Frcst
Large Capital Projects										
Member Agency										
City of Laguna Beach	1,616,624	1,586,729	2,564,810	3,546,437	530,131	562,744	783,778	1,234,448	917,487	1,808,455
City of San Clemente	54,015	68,880	47,150							
City of San Juan Capistrano	4,539,242	1,628,761	2,084,112	2,035,046	1,406,444	1,042,086	995,689	1,570,220	1,212,316	2,371,340
El Toro Water District	1,856,640	1,173,692	389,551	510,598	357,586	1,137,628	3,961,272	2,826,263	256,985	2,004,886
Emerald Bay Service District	102,443	109,294	201,394	272,007	36,350	41,493	59,421	94,700	70,467	135,046
Irvine Ranch Water District	120,380	79,860	355,048							
Moulton Niguel Water District	13,354,834	7,332,571	4,891,790	7,168,873	4,604,234	4,887,647	4,490,643	8,759,226	4,074,514	6,142,355
Santa Margarita Water District	4,181,458	1,385,753	1,660,509	1,308,770	1,299,713	690,086	600,883	1,125,416	715,391	1,359,069
South Coast Water District	5,481,683	3,121,892	3,849,351	4,762,472	1,378,242	1,533,337	1,520,894	3,175,009	1,834,948	3,700,465
Total Member Agency	31,307,319	16,487,432	16,043,715	19,604,204	9,612,700	9,895,020	12,412,580	18,785,282	9,082,108	17,521,617
Non-Capital Engineering Projects (O&M Non-Operating Expense)										
Member Agency										
City of Laguna Beach		35,139	46,360							
City of San Clemente		19,517	0							
City of San Juan Capistrano		81,218	0							
El Toro Water District		25,105	24,745							
Emerald Bay Service District		2,712	3,300							
Irvine Ranch Water District		24,767	0							
Moulton Niguel Water District		384,632	217,765							
Santa Margarita Water District		106,593	0							
South Coast Water District		211,817	36,652							
Total Member Agency	0	891,500	328,822	0	0	0	0	0	0	0
		17,378,932	16,372,537							
Small Internal Capital										
Member Agency										
City of Laguna Beach	113,112	122,644	122,644							
City of San Clemente		0	0							
City of San Juan Capistrano	146,736	199,284	199,284							
El Toro Water District	20,248	23,804	23,804							
Emerald Bay Service District	8,616	9,324	9,324							
Irvine Ranch Water District		0	0							
Moulton Niguel Water District	567,847	464,860	464,860							
Santa Margarita Water District	165,119	141,188	141,188							
South Coast Water District	258,172	292,996	292,996							
Total Member Agency	1,279,850	1,254,100	1,254,100	0	0	0	0	0	0	0
Total Capital Budget										
Member Agency										
City of Laguna Beach	1,729,736	1,744,512	2,733,814	3,546,437	530,131	562,744	783,778	1,234,448	917,487	1,808,455
City of San Clemente	54,015	88,397	47,150	0	0	0	0	0	0	0
City of San Juan Capistrano	4,685,978	1,909,263	2,283,396	2,035,046	1,406,444	1,042,086	995,689	1,570,220	1,212,316	2,371,340
El Toro Water District	1,876,888	1,222,601	438,100	510,598	357,586	1,137,628	3,961,272	2,826,263	256,985	2,004,886
Emerald Bay Service District	111,059	121,330	214,018	272,007	36,350	41,493	59,421	94,700	70,467	135,046
Irvine Ranch Water District	120,380	104,627	355,048	0	0	0	0	0	0	0
Moulton Niguel Water District	13,922,681	8,182,063	5,574,415	7,168,873	4,604,234	4,887,647	4,490,643	8,759,226	4,074,514	6,142,355
Santa Margarita Water District	4,346,577	1,633,534	1,801,697	1,308,770	1,299,713	690,086	600,883	1,125,416	715,391	1,359,069
South Coast Water District	5,739,855	3,626,705	4,178,999	4,762,472	1,378,242	1,533,337	1,520,894	3,175,009	1,834,948	3,700,465
Total Member Agency	32,587,169	18,633,032	17,626,637	19,604,204	9,612,700	9,895,020	12,412,580	18,785,282	9,082,108	17,521,617

South Orange County Wastewater Authority
FY 2016-17 Qtrly Capital Budget/Plan by Member Agency

	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	FY 2016-17 Total
Large Capital Projects					
Member Agency					
City of Laguna Beach	266,799	477,410	419,939	422,581	1,586,729
City of San Clemente	11,234	11,318	727	45,601	68,880
City of San Juan Capistrano	968,572	140,327	261,848	258,014	1,628,761
El Toro Water District	305,989	293,917	288,329	285,457	1,173,692
Emerald Bay Service District	16,645	33,769	29,316	29,564	109,294
Irvine Ranch Water District	1,274	26,400	26,093	26,093	79,860
Moulton Niguel Water District	1,991,523	1,745,092	1,746,188	1,849,768	7,332,571
Santa Margarita Water District	793,480	131,273	186,631	274,369	1,385,753
South Coast Water District	1,134,120	718,723	622,284	646,765	3,121,892
Total Member Agency	5,489,636	3,578,229	3,581,355	3,838,212	16,487,432
Non-Capital Engineering Projects (O&M Non-Operating Expense)					
Member Agency					
City of Laguna Beach	12,099	17,970	2,440	2,630	35,139
City of San Clemente	19,219	116	91	91	19,517
City of San Juan Capistrano	24,139	15,211	26,559	15,309	81,218
El Toro Water District	23,021	814	635	635	25,105
Emerald Bay Service District	901	1,414	191	206	2,712
Irvine Ranch Water District	22,693	810	632	632	24,767
Moulton Niguel Water District	63,436	124,704	177,472	19,010	384,622
Santa Margarita Water District	59,499	13,618	22,059	11,417	106,593
South Coast Water District	38,000	27,860	129,154	16,803	211,817
Total Member Agency	263,007	202,517	359,233	66,733	891,490
Small Internal Capital					
Member Agency					
City of Laguna Beach	30,661	30,661	30,661	30,661	122,644
City of San Clemente					0
City of San Juan Capistrano	49,821	49,821	49,821	49,821	199,284
El Toro Water District	5,951	5,951	5,951	5,951	23,804
Emerald Bay Service District	2,331	2,331	2,331	2,331	9,324
Irvine Ranch Water District					0
Moulton Niguel Water District	116,215	116,215	116,215	116,215	464,860
Santa Margarita Water District	35,297	35,297	35,297	35,297	141,188
South Coast Water District	73,249	73,249	73,249	73,249	292,996
Total Member Agency	313,525	313,525	313,525	313,525	1,254,100
Total Capital Budget					
Member Agency					
City of Laguna Beach	309,559	526,041	453,040	455,872	1,744,512
City of San Clemente	30,453	11,434	818	45,692	88,397
City of San Juan Capistrano	1,042,532	205,359	338,228	323,144	1,909,263
El Toro Water District	334,961	300,682	294,915	292,043	1,222,601
Emerald Bay Service District	19,877	37,514	31,838	32,101	121,330
Irvine Ranch Water District	23,967	27,210	26,725	26,725	104,627
Moulton Niguel Water District	2,171,174	1,986,011	2,039,875	1,984,993	8,182,053
Santa Margarita Water District	888,276	180,188	243,987	321,083	1,633,534
South Coast Water District	1,245,369	819,832	824,687	736,817	3,626,705
Total Member Agency	**6,066,168**	**4,094,271**	**4,254,113**	**4,218,470**	**18,633,022**

South Orange County Wastewater Authority
FY 2017-18 Qtrly Capital Forecast/Plan by Member Agency

	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	FY 2017-18 Total
Large Capital Projects					
Member Agency					
City of Laguna Beach	221,409	431,309	849,622	1,062,470	2,564,810
City of San Clemente	45,443	569	569	569	47,150
City of San Juan Capistrano	191,877	252,858	709,397	929,980	2,084,112
El Toro Water District	65,182	65,916	140,182	118,271	389,551
Emerald Bay Service District	17,276	33,799	66,741	83,578	201,394
Irvine Ranch Water District	53,966	54,675	128,966	117,441	355,048
Moulton Niguel Water District	651,557	956,681	1,494,652	1,788,900	4,891,790
Santa Margarita Water District	219,941	187,196	543,992	709,380	1,660,509
South Coast Water District	355,692	563,650	1,282,746	1,647,263	3,849,351
Total Member Agency	1,822,343	2,546,653	5,216,867	6,457,852	16,043,715
Non-Capital Engineering Projects (O&M Non-Operating Expense)					
Member Agency					
City of Laguna Beach	28,178	16,116	1,033	1,033	46,360
City of San Clemente					
City of San Juan Capistrano					
El Toro Water District	22,645	700	700	700	24,745
Emerald Bay Service District	1,899	1,259	71	71	3,300
Irvine Ranch Water District					
Moulton Niguel Water District	188,301	17,580	5,942	5,942	217,765
Santa Margarita Water District					
South Coast Water District	22,325	12,693	817	817	36,652
Total Member Agency	263,348	48,348	8,563	8,563	328,822
Small Internal Capital					
Member Agency					
City of Laguna Beach	30,661	30,661	30,661	30,661	122,644
City of San Clemente					0
City of San Juan Capistrano	49,821	49,821	49,821	49,821	199,284
El Toro Water District	5,951	5,951	5,951	5,951	23,804
Emerald Bay Service District	2,331	2,331	2,331	2,331	9,324
Irvine Ranch Water District					0
Moulton Niguel Water District	116,215	116,215	116,215	116,215	464,860
Santa Margarita Water District	35,297	35,297	35,297	35,297	141,188
South Coast Water District	73,249	73,249	73,249	73,249	292,996
Total Member Agency	313,525	313,525	313,525	313,525	1,254,100
Total Capital Budget					
Member Agency					
City of Laguna Beach	280,248	478,086	881,316	1,094,164	2,733,814
City of San Clemente	45,443	569	569	569	47,150
City of San Juan Capistrano	241,698	302,679	759,218	979,801	2,283,396
El Toro Water District	93,778	72,567	146,833	124,922	438,100
Emerald Bay Service District	21,506	37,389	69,143	85,980	214,018
Irvine Ranch Water District	53,966	54,675	128,966	117,441	355,048
Moulton Niguel Water District	956,073	1,090,476	1,616,809	1,911,057	5,574,415
Santa Margarita Water District	255,238	222,493	579,289	744,677	1,801,697
South Coast Water District	451,266	649,592	1,356,812	1,721,329	4,178,999
Total Member Agency	**2,399,216**	**2,908,526**	**5,538,955**	**6,779,940**	**17,626,637**

South Orange County Wastewater Authority
Total Capital Projects Schedueld for FY 2016-17
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 02 J B Latham					
Liquids					
3201-000 - Aeration/Cogeneration Design/Construction (2009)	348,613	1,050	820	819	351,302
3202-000 - Preliminary and Primary Treatment Improvements Design (2016)	111,346	111,849	110,621	110,621	444,437
3203-000 - Effluent Standby Generator ATS Repl (2016)	318	350	273	274	1,215
3204-000 - Facility Improvements - Structural Repairs (2015)	1,274	1,400	1,093	1,092	4,859
3212-000 - East Primary Influent Channel Repair	10,125	10,125	10,125	10,125	40,500
3213-000 - Water System Piping Improvements (2014)	3,125	3,125	3,125	3,125	12,500
3214-000 - 4 MGD Diversion Flow Meter & Control Structure (2012)	9,813	9,813	9,813	9,811	39,250
3250-000 - Plant 1 Grit Basins and Handling (2017)	48,898	2,799	141,236	141,236	334,169
3251-000 - Effluent Flow Meter Repalcement (2017)	10,274	1,400	28,093	28,092	67,859
3252-000 - Plant 1 Standby Power Generator Repl (2017)	35,386	2,099	102,064	102,065	241,614
3253-000 - Effluent System Valves Replacement (2107)	21,274	1,400	61,093	61,092	144,859
3254-000 - Additional Package B Liquids Design (2017)	38,774	38,900	38,593	38,592	154,859
Total Liquids	**639,220**	**184,310**	**506,949**	**506,944**	**1,837,423**
Common					
3205-000 - West Side Power System Upgrade (2013)	1,144,486	1,400	1,093	1,092	1,148,071
3206-000 - Diesel Storage Tank (2016)	637	700	546	547	2,430
3216-000 - Hoist System for Maintenance Shop (2013)	1,600	1,600	1,600	1,600	6,400
3218-000 - Energy Building Roof reconstruction (2014)	5,000	5,000	5,000	5,000	20,000
3260-000 - SCADA System Upgrade (2017)	38,137	38,200	38,046	38,047	152,430
Total Common	**1,189,860**	**46,900**	**46,285**	**46,286**	**1,329,331**
Solids					
3209-000 - Facility Improvements - Co-Generation Rep. (2016)	1,138,774	1,400	1,093	1,092	1,142,359
3210-000 - Facility Improvements - Solids Area (2015)	190,334	190,774	189,700	189,700	760,508
3272-000 - Dewatering System Controls Upgrade (2017)	13,774	13,900	113,593	1,092	142,359
Total Solids	**1,342,882**	**206,074**	**304,386**	**191,884**	**2,045,226**
Total PC2 JB Latham	**3,171,962**	**437,284**	**857,620**	**745,114**	**5,211,980**
PC 05 San Juan Creek Ocean Outfall					
3601-000 - Junction Structure Reinforcement Phase II (2016)	65,048	65,299	2,186	2,186	134,719
3604-000 - Metering Vault - Piping Upgrades (2016)	1,274	1,400	1,093	13,592	17,359
3650-000 - Junction Structure Reinforcement Construction (2017)	1,274	1,400	1,093	258,592	262,359
Total PC5 San Juan Creek Ocean Outfall	**67,596**	**68,099**	**4,372**	**274,370**	**414,437**

South Orange County Wastewater Authority
Total Capital Projects Schedueld for FY 2016-17
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 15 Coastal Treatment Plant					
Liquids					
3501-000 - Fire Protection (2013)	1,274	1,400	1,093	1,092	4,859
3502-000 - RAS Hypochlorite System (2013)	51,277	51,403	1,093	1,093	104,866
3503-000 - Scrubber Upgrade (2013)	17,304	97,580	97,273	113,302	325,459
3504-000 - Aeration System Modification Design (2015)	1,592	41,650	41,266	35,566	120,074
3505-000 - Headworks Overflow Pipe Modification (2015)	38,774	38,900	1,093	1,092	79,859
3506-000 - Structural Mods-Grating Sys & Curb Area E of Maint Shop (201	1,274	1,400	1,093	1,092	4,859
3507-000 - East Primary Influent Gates (2015)	5,024	23,900	23,593	27,342	79,859
3508-000 - Grit System Knife Gate Valve Replacement (2015)	4,274	19,400	19,093	22,092	64,859
3509-000 - Switchgear Replacement Design (2016)	2,548	47,949	47,336	40,886	138,719
3510-000 - East Primary/Aeration Grating Rebate and Concrete Repair (20	8,774	46,400	46,093	53,592	154,859
3512-000 - Basins Between HW Bldg and Primary Basin Grating Rebate and	9,524	50,900	50,593	58,842	169,859
3514-000 - CTP Facility Upgrade Design and Financing (2016)	5,097	171,847	170,621	146,872	494,437
3515-000 - Existing Export Sludge Wetwell Refurbishment (2015)	50,274	50,400	1,093	1,092	102,859
3534-000 - Export Sludge System (1997)	3,185	3,499	2,732	2,732	12,148
3550-000 - Export Sludge Pump Addition (2017)	11,024	59,900	59,593	69,342	199,859
3551-000 - Add for CTP Facility Upgrade Design (2017)	1,274	71,400	71,093	61,092	204,859
3552-000 - SCADA System Improvements (2017)	38,137	38,200	38,046	38,047	152,430
3553-000 - Plant Drainage Improvements (2017)	7,524	38,900	38,593	44,842	129,859
3554-000 - Odor Scrubber Bleach Tank Replacement (2017)	3,774	16,400	16,093	18,592	54,859
Total Liquids	**261,928**	**871,428**	**727,483**	**738,602**	**2,599,441**
AWT					
3516-000 - Disinfection System Upgrade (AWT) (2011)	141,064	141,190	1,093	1,092	284,439
3517-000 - AWT Backwash Pump Replacement (2016)	4,068	22,850	22,773	26,524	76,215
3518-000 - Chlorine Mixer Replacement (15 AWT) (2015)	16,274	16,400	1,093	1,092	34,859
3562-000 - Applied Water Pump System Replacement (AWT) (2017)	8,773	46,400	46,093	53,593	154,859
Total AWT	**170,179**	**226,840**	**71,052**	**82,301**	**550,372**
Total PC 15 Coastal	**432,107**	**1,098,268**	**798,535**	**820,903**	**3,149,813**

South Orange County Wastewater Authority
Total Capital Projects Schedueld for FY 2016-17
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 17 Joint Regional Wastewater Reclaimation					
Liquids					
3701-000 - Secondary Electrical System Rerouting (2014)	16,790	16,915	1,093	47,640	82,438
3702-000 - Waste Activated Sludge VFD Control Panel (2013)	18,042	18,168	1,093	51,399	88,702
3704-000 - Odor Control Scrubber Control Panel No. 1 (2013)	1,274	1,400	1,093	1,092	4,859
3707-000 - Influent Manholes 1 and 2 and Sewer Rehabilitation (2016)	32,548	92,799	92,186	92,186	309,719
3708-000 - Influent Junction Structure Gate Replacement (2016)	21,274	61,400	61,093	61,092	204,859
3710-000 - AWT No. Water Quality Instrumentation Replacement (2016)	9,774	26,900	26,593	26,592	89,859
3712-000 - Grit Basin Drop Gate and Weir Replacement (2016)	21,274	61,400	61,093	61,092	204,859
3713-000 - Primary Inlet Drop Gate Replacement (2016)	21,274	61,400	61,093	61,095	204,862
3730-000 - Primary Gallery Upgrade (2014)	4,024	4,150	1,093	9,342	18,609
3752-000 - AWT No.2 Upgrade Design (2017)	1,274	36,400	71,093	71,092	179,859
Total Liquids	147,548	380,932	377,523	482,622	1,388,625
Common					
3715-000 - Switchgear Upgrade (2006)	96,235	96,487	95,873	95,874	384,469
3717-000 - Security Fencing (2015)	8,774	23,900	23,593	23,592	79,859
3718-000 - Access Bridge Upgrades (2015)	2,274	4,400	4,093	4,092	14,859
3760-000 - Develop Buried Piping Reconstruction Master Plan (2017)	2,548	94,674	94,061	2,186	193,469
3761-000 - External Lighting Upgrade	13,774	13,900	1,093	38,592	67,359
3762-000 - Emergency Access Road CEQA and Permits (2017)	24,092	24,250	1,366	1,366	51,074
3763-000 - Reroute Drains on Plant Permiter (2017)	10,024	10,150	1,093	27,342	48,609
3764-000 - SCADA Improvements (2017)	38,135	38,200	38,046	38,049	152,430
3765-000 - Additional Budget Switchgear Upgrade (2017)	154,140	154,549	153,552	153,552	615,793
Total Common	349,996	460,510	412,770	384,645	1,607,921
Solids					
3720-000 - Digester Dome Recoating (2011)	283,352	0	0	0	283,352
3722-000 - Co-gen Sys Retrofit (formerly Siloxane) (2015)	957,572	957,949	957,028	957,029	3,829,578
3723-000 - Recoat Top of Digesters (2016)	23,137	68,200	68,046	68,046	227,429
3770-000 - Additional Budget CoGen Upgrade (2017)	53,822	54,199	53,279	53,278	214,578
Total Solids	1,317,883	1,080,348	1,078,353	1,078,353	4,554,937
Total PC 17 Regional	1,815,427	1,921,790	1,868,646	1,945,620	7,551,483
PC 21 Effluent Transmission Main					
3101-000 - Trail Bridge Crossing Protection - Phase I (D) (2016)	2,548	52,799	52,186	52,186	159,719
Total PC 21	2,548	52,799	52,186	52,186	159,719
SOCWA Total FY 2016-17 Capital Budget	5,489,640	3,578,240	3,581,359	3,838,193	16,487,432

South Orange County Wastewater Authority
Total Capital Projects Scheduld for FY 2017-18
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 02 J B Latham					
Liquids					
3212-000 - East Primary Influent Channel Repair	1,713	42,213	42,213	62,463	148,602
3213-000 - Water System Piping Improvements (2014)	1,713	19,213	19,213	27,963	68,102
3214-000 - 4 MGD Diversion Flow Meter & Control Structure (2012)	1,713	50,963	50,963	75,588	179,227
3250-000 - Plant 1 Grit Basins and Handling (2017)	186,542	1,142	1,142	1,142	189,968
3251-000 - Effluent Flow Meter Repalcement (2017)	37,143	1,142	1,142	1,141	40,568
3252-000 - Plant 1 Standby Power Generator Repl (2017)	135,042	1,142	1,142	1,142	138,468
3253-000 - Effluent System Valves Replacement (2107)	81,142	1,142	1,142	1,142	84,568
3280-000 - Facility Improvements B - Basin Upgrades (2018)	9,136	309,136	909,136	1,209,137	2,436,545
3281-000 - Aeration System DO Meter Replacement (2018)	1,713	5,713	37,713	41,713	86,852
Total Liquids	**455,857**	**431,806**	**1,063,806**	**1,421,431**	**3,372,900**
Common					
3216-000 - Hoist System for Maintenance Shop (2013)	1,713	9,713	9,713	13,713	34,852
3218-000 - Energy Building Roof reconstruction (2014)	1,713	21,713	21,713	31,713	76,852
3282-000 - Relocate Foul Air Fan at Plant 1 Grit Basins (2018)	1,713	5,957	14,444	18,687	40,801
Total Common	**5,139**	**37,383**	**45,870**	**64,113**	**152,505**
Solids					
3283-000 - Centrifuge Rebuilds	56,713	1,713	166,713	166,713	391,852
3284-000 - Facility Improvements B - Digester and DAFT Improvements (20	9,136	359,136	1,059,136	1,409,137	2,836,545
Total Solids	**65,849**	**360,849**	**1,225,849**	**1,575,850**	**3,228,397**
Total PC 02 J B Latham	**526,845**	**830,038**	**2,335,525**	**3,061,394**	**6,753,802**
PC 05 San Juan Creek Ocean Outfall					
3604-000 - Metering Vault - Piping Upgrades (2016)	13,642	1,142	1,142	1,142	17,068
3650-000 - Junction Structure Reinforcement Construction (2017)	259,784	2,284	2,284	2,284	266,636
Total PC 05 San Juan Creek Ocean Outfall	**273,426**	**3,426**	**3,426**	**3,426**	**283,704**

South Orange County Wastewater Authority
Total Capital Projects Scheduled for FY 2017-18
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 15 Coastal Treatment Plant					
Liquids					
3533-000 - Export Sludge Line Repair & Rip Rap (R-2) (2012)	32,547	32,547	32,545	32,549	130,188
3534-000 - Export Sludge System (1997)	505,710	505,710	505,711	505,710	2,022,841
3580-000 - DAF MCC Replacement (2018)	2,284	26,154	73,895	97,765	200,098
3581-000 - Switchgear Replacement Construction (2018)	4,568	103,318	300,818	399,569	808,273
3582-000 - Headworks Building Improvements (2018)	1,713	17,627	49,454	65,366	134,160
3583-000 - East Secondary Basins (Two Basins Only) and East RAS Channel	2,284	96,434	284,734	378,884	762,336
3584-000 - Screening Compaction System (2018)	3,426	40,558	114,821	151,951	310,756
3585-000 - West Secondary Sediementation Basin Upgrades (2018)	4,568	154,568	454,568	604,569	1,218,273
3586-000 - Drainage Pump Station (2018)	2,855	47,855	137,855	182,855	371,420
3587-000 - Ferric Chloride System Reconstruction (2017)	2,284	43,484	125,884	167,084	338,736
3588-000 - Primary Phase IV Improvements (2017)	2,284	33,184	94,984	125,884	256,336
3590-000 - MCC E8M/Admin Area Reconstruction (2017)	2,284	17,734	48,634	64,084	132,736
Total Liquids	**566,807**	**1,119,173**	**2,223,903**	**2,776,270**	**6,686,153**
AWT					
3591-000 - Contact Basin Gate (15AWT) (2018)	1,142	17,392	49,892	66,142	134,568
Total AWT	**1,142**	**17,392**	**49,892**	**66,142**	**134,568**
Total PC 15 Coastal Treatment Plant	**567,949**	**1,136,565**	**2,273,795**	**2,842,412**	**6,820,721**
PC 17 Joint Regional Wastewater Reclaimation					
Liquids					
3701-000 - Secondary Electrical System Rerouting (2014)	89,213	89,213	89,213	1,713	269,352
3702-000 - Waste Activated Sludge VFD Control Panel (2013)	101,713	101,713	101,713	1,715	306,854
3730-000 - Primary Gallery Upgrade (2014)	32,963	32,963	32,965	1,711	100,602
3780-000 - Reconstruct RAS VFD Cabinets (2018)	1,713	17,713	1,713	33,713	54,852
3781-000 - Primary Scum Skimmer Replacement (2018)	1,713	41,713	1,713	81,713	126,852
3782-000 - Primary Effluent Drop Gate Replacement (2018)	1,713	12,963	1,713	24,213	40,602
3783-000 - Aeration Basin Inlet and Outlet Gate Replacement (2018)	1,713	17,713	1,713	33,713	54,852
3784-000 - Replace DAF (Mannich) Polymer System (2018)	1,713	20,463	1,713	39,213	63,102
3785-000 - Replace DAF Dissolution Tank System and Compressors (2018)	1,713	17,713	1,713	33,713	54,852
Total Liquids	**234,167**	**352,167**	**234,169**	**251,417**	**1,071,920**
Common					
3762-000 - Emergency Access Road CEQA and Permits (2017)	64,213	64,213	64,213	1,713	194,352
3764-000 - SCADA Improvements (2017)	45,463	45,463	45,464	1,713	138,103
Total Common	**109,676**	**109,676**	**109,677**	**3,426**	**332,455**
Total PC 17 Joint Regional Wastewater Reclaimation	**343,843**	**461,843**	**343,846**	**254,843**	**1,404,375**
PC 21 Effluent Transmission Main					
3101-000 - Trail Bridge Crossing Protection - Phase I (D) (2016)	103,426	103,426	53,426	3,426	263,704
3180-000 - Trail Bridge Crossing Protection - Phase II (D) (2017)	3,426	3,426	203,426	203,427	413,705
Total PC 21 Effluent Transmission Main	**106,852**	**106,852**	**256,852**	**206,853**	**677,409**

South Orange County Wastewater Authority
Total Capital Projects Schedueld for FY 2017-18
(Small Capital Not Included)

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 24 Aliso Creek Ocean Outfall					
3480-000 - Internal Seal Replacement (2018)	3,426	7,926	3,426	88,926	103,704
Total PC 24 Aliso Creek Ocean Outfall	**3,426**	**7,926**	**3,426**	**88,926**	**103,704**
SOCWA Total FY 2017-18 Capital Budget	**1,822,341**	**2,546,650**	**5,216,870**	**6,457,854**	**16,043,715**

South Orange County Wastewater Authority
FY 2016-17 Budget
Non-Capital Engineering

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 02 J B Latham					
Liquids					
4018-000 - Truckline Flow Monitoring (Compliance)	7,125	7,125	7,125	7,125	28,500
Total Liquids	**7,125**	**7,125**	**7,125**	**7,125**	**28,500**
Common					
4001-000 - Plant Drain System Evaluation (2017)	1,274	1,400	39,718	39,718	82,110
4014-000 - Foul Air System Evaluation (2016)	26,274	1,400	1,093	1,092	29,859
Total Common	**27,548**	**2,800**	**40,811**	**40,810**	**111,969**
Solids					
4002-000 - Dewatering System Condition Assessment (2017)	1,274	20,150	19,843	1,092	42,359
4003-000 - Heating System Condition Assessment (2017)	1,274	20,150	19,843	1,092	42,359
Total Solids	**2,548**	**40,300**	**39,686**	**2,184**	**84,718**
Total PC 02 J B Latham	**37,221**	**50,225**	**87,622**	**50,119**	**225,187**
PC 05 San Juan Creek Ocean Outfall					
4004-000 - Emergency Plan Development (2016)	50,637	700	546	547	52,430
4005-000 - Dilution Study (2016)	65,000	0	0	0	65,000
Total PC 05 San Juan Creek Ocean Outfall	**115,637**	**700**	**546**	**547**	**117,430**
PC 15 Coastal Treatment Plant					
Liquids					
4000-000 - Grit System Condition Assessment (2016)	11,274	1,400	1,093	1,093	14,860
4015-000 - Conceptual Building Design (2017)	1,274	41,400	1,093	1,092	44,859
4022-000 - Influent/Overflow Condition Assessment (2016)	1,774	4,400	4,093	4,593	14,860
Total Liquids	**14,322**	**47,200**	**6,279**	**6,778**	**74,579**
AWT					
4006-000 - Effluent Equalization System Condition Assessment (AWT) (201	1,274	1,400	76,093	1,092	79,859
4007-000 - Contact Basins and Mudwell Condition Assessment (AWT) (2017)	1,274	1,400	31,093	1,092	34,859
Total AWT	**2,548**	**2,800**	**107,186**	**2,184**	**114,718**
Total PC 15 Coastal Treatment Plant	**16,870**	**50,000**	**113,465**	**8,962**	**189,297**
PC 17 Joint Regional Wastewater Reclaimation					
Liquids					
4008-000 - Effluent Equalization Pond and Gate Condition Assessment (20	1,274	1,400	101,593	1,092	105,359
4009-000 - Influent Junction Structure and Pipe Condition Assessment (2	1,274	1,400	51,093	1,092	54,859
4016-000 - Primary Influent Channel Condition Assessment (2016)	1,274	41,400	1,093	1,092	44,859
4023-000 - Odor Scrubber No.1 and Grit Handling Evaluation (2017)	2,548	55,299	2,186	2,187	62,220
Total Liquids	**6,370**	**99,499**	**155,965**	**5,463**	**267,297**
Total PC 17 Joint Regional Wastewater Reclaimation	**6,370**	**99,499**	**155,965**	**5,463**	**267,297**
PC 21 Effluent Transmission Main					
4012-000 - ETM Condition Assessment Methodology (B/C) (2016)	26,274	1,400	1,093	1,092	29,859
Total PC 21 Effluent Transmission Main	**26,274**	**1,400**	**1,093**	**1,092**	**29,859**
PC 24 Aliso Creek Ocean Outfall					
4013-000 - Emergency Plan Development (2016)	50,637	700	546	547	52,430
4017-000 - Dilution Study (2016)	10,000	0	0	0	10,000
Total PC 24 Aliso Creek Ocean Outfall	**60,637**	**700**	**546**	**547**	**62,430**
Total FY 2016-17 Non-capital Engineering Work Plan	**263,009**	**202,524**	**359,237**	**66,730**	**891,500**

South Orange County Wastewater Authority
FY 2017-18 Forecast
Non-Capital Engineering

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 15 Coastal Treatment Plant					
Liquids					
4020-000 - Drain Piping Condition Assessment (2018)	41,497	41,497	1,713	1,713	86,420
Total Liquids	**41,497**	**41,497**	**1,713**	**1,713**	**86,420**
Total PC 15 Coastal Treatment Plant	**41,497**	**41,497**	**1,713**	**1,713**	**86,420**
PC 17 Joint Regional Wastewater Reclaimation					
Liquids					
4021-000 - Mixed Liquor Channel Condition Assessment (2018)	56,713	1,713	1,713	1,713	61,852
Total Liquids	**56,713**	**1,713**	**1,713**	**1,713**	**61,852**
Common					
4026-000 - Hot Water System Condition Assessment (2018)	56,713	1,713	1,713	1,713	61,852
4027-000 - Odor Control Technology Assessment and System Balancing (201	51,713	1,713	1,713	1,713	56,852
Total Common	**108,426**	**3,426**	**3,426**	**3,426**	**118,704**
Solids					
4025-000 - SET System Condition Assessment (2018)	56,713	1,713	1,713	1,713	61,852
Total Solids	**56,713**	**1,713**	**1,713**	**1,713**	**61,852**
Total PC 17 Joint Regional Wastewater Reclaimation	**221,852**	**6,852**	**6,852**	**6,852**	**242,408**
FY 2017-18 Non-Capital Engineering Work Plan	**263,349**	**48,349**	**8,565**	**8,565**	**328,828**

South Orange County Wastewater Authority
FY 2016-17 Budget
Small Internal Capital

	1st QTR	2nd QTR	3rd QTR	4th QTR	Total Work Plan
PC 02 J B Latham					
Liquids					
2250-000 - 2 ISCO Samplers (between 3 PC's)	1,500	1,500	1,500	1,500	6,000
2251-000 - Portable Velocity Meter (between 3 PC's)	1,250	1,250	1,250	1,250	5,000
2252-000 - Equipment Trailer (between 2 PC's)	1,875	1,875	1,875	1,875	7,500
2253-000 - PLC Upgrades	2,500	2,500	2,500	2,500	10,000
2254-000 - Effluent Pump Rebuild	5,000	5,000	5,000	5,000	20,000
2255-000 - Alloys and Metals Handheld XRF Analyzer	6,250	6,250	6,250	6,250	25,000
2256-000 - Recirc Pump	2,500	2,500	2,500	2,500	10,000
2257-000 - BOD Incubator (between 2 PC's)	750	750	750	750	3,000
2258-000 - 9-side Primary Influent Structure Rehabilitation	43,025	43,025	43,025	43,025	172,100
Total Liquids	64,650	64,650	64,650	64,650	258,600
Common					
2259-000 - Safety System	8,750	8,750	8,750	8,750	35,000
2260-000 - Slurry Seal ashpalt	21,250	21,250	21,250	21,250	85,000
2261-000 - Lighting System Improvements	3,750	3,750	3,750	3,750	15,000
2262-000 - Women's Restroom Restoration	5,000	5,000	5,000	5,000	20,000
2263-000 - Two (2) Utility Vehicles	12,500	12,500	12,500	12,500	50,000
2264-000 - Forklift 5K	8,750	8,750	8,750	8,750	35,000
2265-000 - Emergency Electrical Gear and Trailer	11,250	11,250	11,250	11,250	45,000
Total Common	71,250	71,250	71,250	71,250	285,000
Solids					
2266-000 - Centrifuge Room Floor Recoating	8,750	8,750	8,750	8,750	35,000
2267-000 - PLC Upgrades	5,000	5,000	5,000	5,000	20,000
2268-000 - Spare Cyclo Reducer	7,500	7,500	7,500	7,500	30,000
2269-000 - 2 Seepex split case pumps	6,350	6,350	6,350	6,350	25,400
Total Solids	27,600	27,600	27,600	27,600	110,400
Total PC 02 J B Latham	163,500	163,500	163,500	163,500	654,000
PC 15 Coastal Treatment Plant					
Liquids					
2520-000 - Tow Motor	10,000	10,000	10,000	10,000	40,000
2521-000 - 2 ISCO Samplers (between 3 PC's)	1,500	1,500	1,500	1,500	6,000
2522-000 - Grit Pump	7,500	7,500	7,500	7,500	30,000
2523-000 - Slurry Seal ashpalt	10,000	10,000	10,000	10,000	40,000
2524-000 - Grit tank knife gate	6,250	6,250	6,250	6,250	25,000
2525-000 - West secondary tanks influent channel gates	12,000	12,000	12,000	12,000	48,000
2526-000 - Aeration Panel Replacement	4,500	4,500	4,500	4,500	18,000
2527-000 - Secondary Drive	2,250	2,250	2,250	2,250	9,000
2528-000 - Chopper Pump	2,500	2,500	2,500	2,500	10,000
Total Liquids	56,500	56,500	56,500	56,500	226,000

Common					
2529-000 - Safety System	8,750	8,750	8,750	8,750	35,000
2530-000 - NEW - Access Gates	7,000	7,000	7,000	7,000	28,000
Total Common	**15,750**	**15,750**	**15,750**	**15,750**	**63,000**
AWT					
2531-000 - Backwash Pumps	7,500	7,500	7,500	7,500	30,000
Total AWT	**7,500**	**7,500**	**7,500**	**7,500**	**30,000**
Total PC 15 Coastal Treatment Plant	**79,750**	**79,750**	**79,750**	**79,750**	**319,000**
PC 17 Joint Regional Wastewater Reclaimation					
Liquids					
2715-000 - 2 ISCO Samplers (between 3 PC's)	1,500	1,500	1,500	1,500	6,000
2716-000 - Aeration Panel Replacement	4,500	4,500	4,500	4,500	18,000
2717-000 - Equipment Trailer (between 2 PC's)	1,875	1,875	1,875	1,875	7,500
2718-000 - Interstage Pump Rubuild	5,000	5,000	5,000	5,000	20,000
2719-000 - RAS Pump Rebuild	2,500	2,500	2,500	2,500	10,000
2720-000 - Applied Pump Rebuild	3,750	3,750	3,750	3,750	15,000
2721-000 - Recirc Pump	2,500	2,500	2,500	2,500	10,000
2722-000 - PLC Upgrades	2,500	2,500	2,500	2,500	10,000
Total Liquids	**24,125**	**24,125**	**24,125**	**24,125**	**96,500**
Online BOD/TSS Analyzer					
2723-000 - Stormwater Pump Rebuild	2,500	2,500	2,500	2,500	10,000
2724-000 - BOD Incubator (between 2 PC's)	750	750	750	750	3,000
Total Online BOD/TSS Analyzer	**3,250**	**3,250**	**3,250**	**3,250**	**13,000**
Common					
2725-000 - Safety System	10,000	10,000	10,000	10,000	40,000
2726-000 - Slurry Seal ashpalt	7,500	7,500	7,500	7,500	30,000
2727-000 - Slipline Drain Pipe	7,500	7,500	7,500	7,500	30,000
2728-000 - Lab Room Upgrades	2,500	2,500	2,500	2,500	10,000
Total Common	**27,500**	**27,500**	**27,500**	**27,500**	**110,000**
Solids					
2730-000 - Roll off vacuum container	8,000	8,000	8,000	8,000	32,000
2731-000 - PLC's	3,650	3,650	3,650	3,650	14,600
2732-000 - Safety Upgrades	3,750	3,750	3,750	3,750	15,000
Total Solids	**15,400**	**15,400**	**15,400**	**15,400**	**61,600**
Total PC 17 Joint Regional Wastewater Reclaimation	**70,275**	**70,275**	**70,275**	**70,275**	**281,100**
Total Work Plan	**313,525**	**313,525**	**313,525**	**313,525**	**1,254,100**

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2016-17
1st Quarter

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	0	0	196,684	0	0	0	147,512	184,390	110,634	639,220
Common	0	0	361,535	0	0	0	265,925	290,600	271,800	1,189,860
Solids	0	0	402,869	0	0	0	290,353	268,572	381,088	1,342,882
Total PC 02 J B Latham	0	0	961,088	0	0	0	703,790	743,562	763,522	3,171,962
PC 05 San Juan Creek Ocean Outfall	0	11,235	7,490	0	0	0	10,484	8,429	29,958	67,596
PC 15 Coastal Treatment Plant										
Liquids	99,299	0	0	7,819	0	0	76,623	78,187	0	261,928
AWT	0	0	0	0	0	0	0	170,179	0	170,179
Total PC 15 Coastal Treatment Plant	99,299	0	0	7,819	0	0	76,623	248,366	0	432,107
PC 17 Joint Regional Wastewater Reclaimation										
Liquids	0	0	0	0	0	0	147,548	0	0	147,548
Common	19,635	0	0	1,050	35,735	0	277,896	15,680	0	349,996
Solids	147,866	0	0	7,776	268,980	0	775,179	118,082	0	1,317,883
Total PC 17 Joint Regional Wastewater Reclaimation	167,501	0	0	8,826	304,715	0	1,200,623	133,762	0	1,815,427
PC 21 Effluent Transmission Main	0	0	0	0	1,274	1,274	0	0	0	2,548
Total Work Plan	266,800	11,235	968,578	16,645	305,989	1,274	1,991,520	1,134,119	793,480	5,489,640
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 02 J B Latham										
Liquids	0	0	2,193	0	0	0	1,644	2,055	1,233	7,125
Common	0	0	8,370	0	0	0	6,157	6,728	6,293	27,548
Solids	0	0	764	0	0	0	551	510	723	2,548
Total PC 02 J B Latham	0	0	11,327	0	0	0	8,352	9,293	8,249	37,221
PC 05 San Juan Creek Ocean Outfall	0	19,219	12,813	0	0	0	17,935	14,420	51,250	115,637
PC 15 Coastal Treatment Plant										
Liquids	5,429	0	0	428	0	0	4,190	4,275	0	14,322
AWT	0	0	0	0	0	0	0	2,548	0	2,548
Total PC 15 Coastal Treatment Plant	5,429	0	0	428	0	0	4,190	6,823	0	16,870
PC 17 Joint Regional Wastwater Reclaimation										
Liquids	0	0	0	0	0	0	6,370	0	0	6,370
Total PC 17 Joint Regional Wastwater Reclaimation	0	0	0	0	0	0	6,370	0	0	6,370
PC 21 Effluent Transmission Main	0	0	0	0	13,137	13,137	0	0	0	26,274
PC 24 Aliso Creek Ocean Outfall	6,670	0	0	473	9,884	9,556	26,590	7,464	0	60,637
Total Work Plan	**12,099**	**19,219**	**24,140**	**901**	**23,021**	**22,693**	**63,437**	**38,000**	**59,499**	**263,009**
Small Internal Capital										
PC 02 J B Latham										
Liquids	0	0	19,893	0	0	0	14,919	18,649	11,189	64,650
Common	0	0	21,649	0	0	0	15,924	17,401	16,276	71,250
Solids	0	0	8,280	0	0	0	5,968	5,520	7,832	27,600
Total PC 02 J B Latham	0	0	49,822	0	0	0	36,811	41,570	35,297	163,500
PC 15 Coastal Treatment Plant										
Liquids	27,390	0	0	2,157	0	0	21,136	21,567	0	72,250
AWT	0	0	0	0	0	0	0	7,500	0	7,500
Total PC 15 Coastal Treatment Plant	27,390	0	0	2,157	0	0	21,136	29,067	0	79,750
PC 17 Joint Regional Wastewater Reclaimation										
Liquids	0	0	0	0	0	0	27,374	0	0	27,374
Common	1,543	0	0	83	2,808	0	21,835	1,232	0	27,501
Solids	1,728	0	0	91	3,143	0	9,058	1,380	0	15,400
Total PC 17 Joint Regional Wastewater Reclaimation	3,271	0	0	174	5,951	0	58,267	2,612	0	70,275
Total Work Plan	**30,661**	**0**	**49,822**	**2,331**	**5,951**	**0**	**116,214**	**73,249**	**35,297**	**313,525**

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	0	0	218,770	0	0	0	164,075	205,094	123,056	710,995
Common	0	0	391,554	0	0	0	288,006	314,729	294,369	1,288,658
Solids	0	0	411,913	0	0	0	296,872	274,602	389,643	1,373,030
Total PC 02 J B Latham	0	0	1,022,237	0	0	0	748,953	794,425	807,068	3,372,683
PC 05 San Juan Creek Ocean Outfall	0	30,454	20,303	0	0	0	28,419	22,849	81,208	183,233
PC 15 Coastal Treatment Plant										
Liquids	132,118	0	0	10,404	0	0	101,949	104,029	0	348,500
AWT	0	0	0	0	0	0	0	180,227	0	180,227
Total PC 15 Coastal Treatment Plant	132,118	0	0	10,404	0	0	101,949	284,256	0	528,727
PC 17 Joint Regional Wastewater Reclaimation										
Liquids	0	0	0	0	0	0	181,292	0	0	181,292
Common	21,178	0	0	1,133	38,543	0	299,731	16,912	0	377,497
Solids	149,594	0	0	7,867	272,123	0	784,237	119,462	0	1,333,283
Total PC 17 Joint Regional Wastewater Reclaimation	170,772	0	0	9,000	310,666	0	1,265,260	136,374	0	1,892,072
PC 21 Effluent Transmission Main	0	0	0	0	14,411	14,411	0	0	0	28,822
PC 24 Aliso Creek Ocean Outfall	6,670	0	0	473	9,884	9,556	26,590	7,464	0	60,637
Total Work Plan	309,560	30,454	1,042,540	19,877	334,961	23,967	2,171,171	1,245,368	888,276	6,066,174

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2016-17
2nd Quarter

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	0	0	56,712	0	0	0	42,533	53,166	31,899	184,310
Common	0	0	14,251	0	0	0	10,482	11,454	10,713	46,900
Solids	0	0	61,823	0	0	0	44,556	41,215	58,480	206,074
Total PC 02 J B Latham	0	0	132,786	0	0	0	97,571	105,835	101,092	437,284
PC 05 San Juan Creek Ocean Outfall	0	11,319	7,545	0	0	0	10,562	8,492	30,181	68,099
PC 15 Coastal Treatment Plant										
Liquids	330,364	0	0	26,013	0	0	254,924	260,127	0	871,428
AWT	0	0	0	0	0	0	0	226,840	0	226,840
Total PC 15 Coastal Treatment Plant	330,364	0	0	26,013	0	0	254,924	486,967	0	1,098,268
PC 17 Joint Regional Wastewater Reclaimation										
Liquids	0	0	0	0	0	0	380,932	0	0	380,932
Common	25,834	0	0	1,382	47,018	0	365,645	20,631	0	460,510
Solids	121,215	0	0	6,374	220,499	0	635,461	96,799	0	1,080,348
Total PC 17 Joint Regional Wastewater Reclaimation	147,049	0	0	7,756	267,517	0	1,382,038	117,430	0	1,921,790
PC 21 Effluent Transmission Main	0	0	0	0	26,400	26,400	0	0	0	52,799
Total Work Plan	477,413	11,319	140,331	33,769	293,917	26,400	1,745,095	718,724	131,273	3,578,240
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 02 J B Latham										
Liquids	0	0	2,193	0	0	0	1,644	2,055	1,233	7,125
Common	0	0	851	0	0	0	626	684	639	2,800
Solids	0	0	12,091	0	0	0	8,713	8,060	11,436	40,300
Total PC 02 J B Latham	0	0	15,135	0	0	0	10,983	10,799	13,308	50,225
PC 05 San Juan Creek Ocean Outfall	0	116	78	0	0	0	109	87	310	700
PC 15 Coastal Treatment Plant										
Liquids	17,895	0	0	1,409	0	0	13,807	14,089	0	47,200
AWT	0	0	0	0	0	0	0	2,800	0	2,800
Total PC 15 Coastal Treatment Plant	17,895	0	0	1,409	0	0	13,807	16,889	0	50,000
PC 17 Joint Regional Wastwater Reclaimation										
Liquids	0	0	0	0	0	0	99,499	0	0	99,499
Total PC 17 Joint Regional Wastwater Reclaimation	0	0	0	0	0	0	99,499	0	0	99,499
PC 21 Effluent Transmission Main	0	0	0	0	700	700	0	0	0	1,400
PC 24 Aliso Creek Ocean Outfall	77	0	0	5	114	110	308	86	0	700
Total Work Plan	**17,972**	**116**	**15,213**	**1,414**	**814**	**810**	**124,706**	**27,861**	**13,618**	**202,524**
Small Internal Capital										
PC 02 J B Latham										
Liquids	0	0	19,893	0	0	0	14,919	18,649	11,189	64,650
Common	0	0	21,649	0	0	0	15,924	17,401	16,276	71,250
Solids	0	0	8,280	0	0	0	5,968	5,520	7,832	27,600
Total PC 02 J B Latham	0	0	49,822	0	0	0	36,811	41,570	35,297	163,500
PC 15 Coastal Treatment Plant										
Liquids	27,390	0	0	2,157	0	0	21,136	21,567	0	72,250
AWT	0	0	0	0	0	0	0	7,500	0	7,500
Total PC 15 Coastal Treatment Plant	27,390	0	0	2,157	0	0	21,136	29,067	0	79,750
PC 17 Joint Regional Wastewater Reclaimation										
Liquids	0	0	0	0	0	0	27,374	0	0	27,374
Common	1,543	0	0	83	2,808	0	21,835	1,232	0	27,501
Solids	1,728	0	0	91	3,143	0	9,058	1,380	0	15,400
Total PC 17 Joint Regional Wastewater Reclaimation	3,271	0	0	174	5,951	0	58,267	2,612	0	70,275
Total Work Plan	**30,661**	**0**	**49,822**	**2,331**	**5,951**	**0**	**116,214**	**73,249**	**35,297**	**313,525**

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	0	0	78,798	0	0	0	59,096	73,870	44,321	256,085
Common	0	0	36,751	0	0	0	27,032	29,539	27,628	120,950
Solids	0	0	82,194	0	0	0	59,237	54,795	77,748	273,974
Total PC 02 J B Latham	0	0	197,743	0	0	0	145,365	158,204	149,697	651,009
PC 05 San Juan Creek Ocean Outfall	0	11,435	7,623	0	0	0	10,671	8,579	30,491	68,799
PC 15 Coastal Treatment Plant										
Liquids	375,649	0	0	29,579	0	0	289,867	295,783	0	990,878
AWT	0	0	0	0	0	0	0	237,140	0	237,140
Total PC 15 Coastal Treatment Plant	375,649	0	0	29,579	0	0	289,867	532,923	0	1,228,018
PC 17 Joint Regional Wastewater Reclaimation										
Liquids	0	0	0	0	0	0	507,805	0	0	507,805
Common	27,377	0	0	1,465	49,826	0	387,480	21,863	0	488,011
Solids	122,943	0	0	6,465	223,642	0	644,519	98,179	0	1,095,748
Total PC 17 Joint Regional Wastewater Reclaimation	150,320	0	0	7,930	273,468	0	1,539,804	120,042	0	2,091,564
PC 21 Effluent Transmission Main	0	0	0	0	27,100	27,100	0	0	0	54,199
PC 24 Aliso Creek Ocean Outfall	77	0	0	5	114	110	308	86	0	700
Total Work Plan	526,046	11,435	205,366	37,514	300,682	27,210	1,986,015	819,834	180,188	4,094,289

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2016-17
3rd Quarter

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
Large Capital										
PC 02 J B Latham										
Liquids	0	0	155,985	0	0	0	116,988	146,235	87,741	506,949
Common	0	0	14,063	0	0	0	10,345	11,304	10,573	46,285
Solids	0	0	91,316	0	0	0	65,813	60,877	86,380	304,386
Total PC 02 J B Latham	0	0	261,364	0	0	0	193,146	218,416	184,694	857,620
PC 05 San Juan Creek Ocean Outfall	0	727	484	0	0	0	678	545	1,938	4,372
PC 15 Coastal Treatment Plant										
Liquids	275,792	0	0	21,716	0	0	212,816	217,159	0	727,483
AWT	0	0	0	0	0	0	0	71,052	0	71,052
Total PC 15 Coastal Treatment Plant	275,792	0	0	21,716	0	0	212,816	288,211	0	798,535
PC 17 Joint Regional Wastewater Reclaimation										
Liquids	0	0	0	0	0	0	377,523	0	0	377,523
Common	23,156	0	0	1,238	42,144	0	327,740	18,492	0	412,770
Solids	120,991	0	0	6,362	220,092	0	634,288	96,620	0	1,078,353
Total PC 17 Joint Regional Wastewater Reclaimation	144,147	0	0	7,600	262,236	0	1,339,551	115,112	0	1,868,646
PC 21 Effluent Transmission Main	0	0	0	0	26,093	26,093	0	0	0	52,186
Total Work Plan	419,939	727	261,848	29,316	288,329	26,093	1,746,191	622,284	186,632	3,581,359
Non-Capital Engineering Projects (Non-Operating O&M)										
PC 02 J B Latham										
Liquids	0	0	2,193	0	0	0	1,644	2,055	1,233	7,125
Common	0	0	12,401	0	0	0	9,121	9,967	9,322	40,811
Solids	0	0	11,906	0	0	0	8,581	7,937	11,262	39,686
Total PC 02 J B Latham	0	0	26,500	0	0	0	19,346	19,959	21,817	87,622
PC 05 San Juan Creek Ocean Outfall	0	90	61	0	0	0	85	68	242	546
PC 15 Coastal Treatment Plant										
Liquids	2,381	0	0	187	0	0	1,837	1,874	0	6,279
AWT	0	0	0	0	0	0	0	107,186	0	107,186
Total PC 15 Coastal Treatment Plant	2,381	0	0	187	0	0	1,837	109,060	0	113,465
PC 17 Joint Regional Wastwater Reclaimation										
Liquids	0	0	0	0	0	0	155,965	0	0	155,965
Total PC 17 Joint Regional Wastwater Reclaimation	0	0	0	0	0	0	155,965	0	0	155,965
PC 21 Effluent Transmission Main	0	0	0	0	547	547	0	0	0	1,093
PC 24 Aliso Creek Ocean Outfall	60	0	0	4	89	86	240	67	0	546
Total Work Plan	**2,441**	**90**	**26,561**	**191**	**636**	**633**	**177,473**	**129,154**	**22,059**	**359,237**
Small Internal Capital										
PC 02 J B Latham										
Liquids	0	0	19,893	0	0	0	14,919	18,649	11,189	64,650
Common	0	0	21,649	0	0	0	15,924	17,401	16,276	71,250
Solids	0	0	8,280	0	0	0	5,968	5,520	7,832	27,600
Total PC 02 J B Latham	0	0	49,822	0	0	0	36,811	41,570	35,297	163,500
PC 15 Coastal Treatment Plant										
Liquids	27,390	0	0	2,157	0	0	21,136	21,567	0	72,250
AWT	0	0	0	0	0	0	0	7,500	0	7,500
Total PC 15 Coastal Treatment Plant	27,390	0	0	2,157	0	0	21,136	29,067	0	79,750
PC 17 Joint Regional Wastewater Reclaimation										
Liquids	0	0	0	0	0	0	27,374	0	0	27,374
Common	1,543	0	0	83	2,808	0	21,835	1,232	0	27,501
Solids	1,728	0	0	91	3,143	0	9,058	1,380	0	15,400
Total PC 17 Joint Regional Wastewater Reclaimation	3,271	0	0	174	5,951	0	58,267	2,612	0	70,275
Total Work Plan	**30,661**	**0**	**49,822**	**2,331**	**5,951**	**0**	**116,214**	**73,249**	**35,297**	**313,525**

	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
SOCWA Total Capital										
PC 02 J B Latham										
Liquids	0	0	178,071	0	0	0	133,551	166,939	100,163	578,724
Common	0	0	48,113	0	0	0	35,390	38,672	36,171	158,346
Solids	0	0	111,502	0	0	0	80,362	74,334	105,474	371,672
Total PC 02 J B Latham	0	0	337,686	0	0	0	249,303	279,945	241,808	1,108,742
PC 05 San Juan Creek Ocean Outfall	0	817	545	0	0	0	763	613	2,180	4,918
PC 15 Coastal Treatment Plant										
Liquids	305,563	0	0	24,060	0	0	235,789	240,600	0	806,012
AWT	0	0	0	0	0	0	0	185,738	0	185,738
Total PC 15 Coastal Treatment Plant	305,563	0	0	24,060	0	0	235,789	426,338	0	991,750
PC 17 Joint Regional Wastewater Reclaimation										
Liquids	0	0	0	0	0	0	560,862	0	0	560,862
Common	24,699	0	0	1,321	44,952	0	349,575	19,724	0	440,271
Solids	122,719	0	0	6,453	223,235	0	643,346	98,000	0	1,093,753
Total PC 17 Joint Regional Wastewater Reclaimation	147,418	0	0	7,774	268,187	0	1,553,783	117,724	0	2,094,886
PC 21 Effluent Transmission Main	0	0	0	0	26,640	26,640	0	0	0	53,279
PC 24 Aliso Creek Ocean Outfall	60	0	0	4	89	86	240	67	0	546
Total Work Plan	453,041	817	338,231	31,838	294,916	26,726	2,039,878	824,687	243,988	4,254,121

South Orange County Wastewater Authority
SOCWA Total Capital Projects Scheduled for FY 2016-17
4th Quarter

Large Capital	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
PC 02 J B Latham										
Liquids	0	0	155,980	0	0	0	116,988	146,235	87,741	506,944
Common	0	0	14,064	0	0	0	10,345	11,304	10,573	46,286
Solids	0	0	57,564	0	0	0	41,489	38,377	54,454	191,884
Total PC 02 J B Latham	0	0	227,608	0	0	0	168,822	195,916	152,768	745,114
PC 05 San Juan Creek Ocean Outfall	0	45,601	30,399	0	0	0	42,555	34,214	121,601	274,370
PC 15 Coastal Treatment Plant										
Liquids	280,002	0	0	22,048	0	0	216,071	220,481	0	738,602
AWT	0	0	0	0	0	0	0	82,301	0	82,301
Total PC 15 Coastal Treatment Plant	280,002	0	0	22,048	0	0	216,071	302,782	0	820,903
PC 17 Joint Regional Wastewater Reclaimation										
Liquids	0	0	0	0	0	0	482,622	0	0	482,622
Common	21,579	0	0	1,154	39,272	0	305,408	17,232	0	384,645
Solids	120,991	0	0	6,362	220,092	0	634,288	96,620	0	1,078,353
Total PC 17 Joint Regional Wastewater Reclaimation	142,570	0	0	7,516	259,364	0	1,422,318	113,852	0	1,945,620
PC 21 Effluent Transmission Main	0	0	0	0	26,093	26,093	0	0	0	52,186
Total Work Plan	422,572	45,601	258,007	29,564	285,457	26,093	1,849,766	646,764	274,369	3,838,193

Non-Capital Engineering Projects (Non-Operating O&M)	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
PC 02 J B Latham										
Liquids	0	0	2,193	0	0	0	1,644	2,055	1,233	7,125
Common	0	0	12,400	0	0	0	9,121	9,967	9,322	40,810
Solids	0	0	654	0	0	0	473	437	620	2,184
Total PC 02 J B Latham	0	0	15,247	0	0	0	11,238	12,459	11,175	50,119
PC 05 San Juan Creek Ocean Outfall	0	91	61	0	0	0	85	68	242	547
PC 15 Coastal Treatment Plant										
Liquids	2,570	0	0	202	0	0	1,983	2,023	0	6,778
AWT	0	0	0	0	0	0	0	2,184	0	2,184
Total PC 15 Coastal Treatment Plant	2,570	0	0	202	0	0	1,983	4,207	0	8,962
PC 17 Joint Regional Wastwater Reclaimation										
Liquids	0	0	0	0	0	0	5,463	0	0	5,463
Total PC 17 Joint Regional Wastwater Reclaimation	0	0	0	0	0	0	5,463	0	0	5,463
PC 21 Effluent Transmission Main	0	0	0	0	546	546	0	0	0	1,092
PC 24 Aliso Creek Ocean Outfall	60	0	0	4	89	86	241	67	0	547
Total Work Plan	**2,630**	**91**	**15,308**	**206**	**635**	**632**	**19,010**	**16,801**	**11,417**	**66,730**

Small Internal Capital	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
PC 02 J B Latham										
Liquids	0	0	19,893	0	0	0	14,919	18,649	11,189	64,650
Common	0	0	21,649	0	0	0	15,924	17,401	16,276	71,250
Solids	0	0	8,280	0	0	0	5,968	5,520	7,832	27,600
Total PC 02 J B Latham	0	0	49,822	0	0	0	36,811	41,570	35,297	163,500
PC 15 Coastal Treatment Plant										
Liquids	27,390	0	0	2,157	0	0	21,136	21,567	0	72,250
AWT	0	0	0	0	0	0	0	7,500	0	7,500
Total PC 15 Coastal Treatment Plant	27,390	0	0	2,157	0	0	21,136	29,067	0	79,750
PC 17 Joint Regional Wastewater Reclaimation										
Liquids	0	0	0	0	0	0	27,374	0	0	27,374
Common	1,543	0	0	83	2,808	0	21,835	1,232	0	27,501
Solids	1,728	0	0	91	3,143	0	9,058	1,380	0	15,400
Total PC 17 Joint Regional Wastewater Reclaimation	3,271	0	0	174	5,951	0	58,267	2,612	0	70,275
Total Work Plan	**30,661**	**0**	**49,822**	**2,331**	**5,951**	**0**	**116,214**	**73,249**	**35,297**	**313,525**

SOCWA Total Capital	CLB	CSC	CSJC	EBSB	ETWD	IRWD	MNWD	SCWD	SMWD	TOTAL
PC 02 J B Latham										
Liquids	0	0	178,066	0	0	0	133,551	166,939	100,163	578,719
Common	0	0	48,113	0	0	0	35,390	38,672	36,171	158,346
Solids	0	0	66,498	0	0	0	47,930	44,334	62,906	221,668
Total PC 02 J B Latham	0	0	292,677	0	0	0	216,871	249,945	199,240	958,733
PC 05 San Juan Creek Ocean Outfall	0	45,692	30,460	0	0	0	42,640	34,282	121,843	274,917
PC 15 Coastal Treatment Plant										
Liquids	309,962	0	0	24,407	0	0	239,190	244,071	0	817,630
AWT	0	0	0	0	0	0	0	91,985	0	91,985
Total PC 15 Coastal Treatment Plant	309,962	0	0	24,407	0	0	239,190	336,056	0	909,615
PC 17 Joint Regional Wastewater Reclaimation										
Liquids	0	0	0	0	0	0	515,459	0	0	515,459
Common	23,122	0	0	1,237	42,080	0	327,243	18,464	0	412,146
Solids	122,719	0	0	6,453	223,235	0	643,346	98,000	0	1,093,753
Total PC 17 Joint Regional Wastewater Reclaimation	145,841	0	0	7,690	265,315	0	1,486,048	116,464	0	2,021,358
PC 21 Effluent Transmission Main	0	0	0	0	26,639	26,639	0	0	0	53,278
PC 24 Aliso Creek Ocean Outfall	60	0	0	4	89	86	241	67	0	547
Total Work Plan	455,863	45,692	323,137	32,101	292,043	26,725	1,984,990	736,814	321,083	4,218,448