

**SEWERAGE & WATER BOARD
OF NEW ORLEANS**



ADOPTED 2017 OPERATING BUDGET

Sewerage & Water Board of New Orleans
2017 Operating Budget
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Sewerage and Water Board of New Orleans 2017 Operating Budget By System

	A Water	B Sewerage	C Drainage	D Total
Operating Revenues:				
1 Revenues from Charges	\$94,466,300	\$113,793,300	\$0	\$208,259,600
2 Other Operating Revenues	4,651,800	923,400	0	5,575,200
3 Total Operating Revenues	99,118,100	114,716,700	0	213,834,800
Operating Expenses:				
4 Operating & Maintenance Expenses	74,437,130	77,999,266	36,624,050	189,060,446
5 Depreciation & Allowances Expenses (non-cash)	14,130,571	25,586,523	23,370,699	63,087,793
6 Pension Liability Adjustment Expenses	7,000,000	7,000,000	7,000,000	21,000,000
7 Total Operating Expense	95,567,701	110,585,789	66,994,749	273,148,239
8 Net Operating Income	3,550,399	4,130,911	(66,994,749)	(59,313,439)
Non-Operating Revenues (Expenses)				
9 Tax Revenues	0	0	53,966,337	53,966,337
10 Interest Income	340,200	644,000	366,000	1,350,200
11 Other Non-Operating Revenues	400,500	462,100	979,000	1,841,600
12 FEMA Contracts Reimbursement	2,195,067	2,195,067	0	4,390,134
13 Total Non-Operating Revenues	2,935,767	3,301,167	55,311,337	61,548,271
Non-Operating Expenses:				
14 Interest Expense - Series 2014 Bonds	5,160,000	6,339,825	334,050	11,833,875
15 Interest Expense - Series 2015 Bonds	4,940,550	5,000,000	0	9,940,550
16 LADEQ Loan	-	69,663	0	69,663
17 Go Zone Interest Expense	204610	1,993,578	130,300	2,328,488
18 Capitalized Interest	(10,100,550)	(11,339,825)	(334,050)	(21,774,425)
19 Total Non-Operating Expenses	204,610	2,063,241	130,300	2,398,151
20 Net Income	\$6,281,556	\$5,368,837	(\$11,813,711)	(\$163,319)

Sewerage and Water Board of New Orleans
2017 Operating Budget
Comparisons of 2015 Budget, 2016 Budget, 2017 Budget

	A 2015 Budget	C 2016 Budget	D 2017 Budget
Operating Revenues:			
1 Revenues from Charges	\$173,855,481	\$190,126,837	\$208,259,600
2 Other Operating Revenues	6,467,245	4,378,212	5,575,200
3 Total Operating Revenues	<u>180,322,726</u>	<u>194,505,049</u>	<u>213,834,800</u>
Operating Expenses:			
4 Operating & Maintenance Expenses	167,604,906	173,453,200	189,060,446
5 Depreciation and Allowances	46,630,162	52,312,933	63,087,793
6 Pension Liability Adjustment	11,000,000	11,000,000	21,000,000
7 Total Operating Expenses	<u>225,235,068</u>	<u>236,766,133</u>	<u>273,148,239</u>
9 Net Operating Income	(44,912,342)	(42,261,084)	(59,313,439)
Non-Operating Revenues			
10 Tax Revenues	47,222,355	56,639,535	53,966,337
11 Interest Income	0	67,802	1,350,200
12 Other Non-Operating Revenues	1,573,140	1,831,718	1,841,600
13 FEMA Contract Reimbursement	0	0	0
14 Total Non-Operating Revenues and FEMA	<u>48,795,495</u>	<u>58,539,055</u>	<u>61,548,271</u>
Non-Operating Expenses:			
15 Interest Expense - Series 2014 Bonds	12,975,193	0	11,833,875
16 Interest Expense - Series 2015 Bonds	0	0	9,940,550
17 LADEQ Loan	0	0	69,663
18 Go Zone Interest Expense	3,141,323	0	2,328,488
19 Capitalized Interest	(12,975,193)	0	(21,774,425)
20 Total Non-Operating Expenses	<u>3,141,323</u>	<u>0</u>	<u>2,398,151</u>
21 Net Income	<u>\$741,830</u>	<u>\$16,277,971</u>	<u>(\$163,319)</u>

**Sewerage and Water Board 2017 Operating and Maintenance Expense Summary
By Division and System**

Division	2017			
	A Water	B Sewerage	C Drainage	D Requested
1 Executive Director	\$ 608,343	\$ 540,047	\$ 487,662	\$ 1,636,052
2 Special Counsel	\$ 870,787	\$ 727,787	\$ 1,136,787	\$ 2,735,362
3 Security	\$ 4,242,919	\$ 3,757,744	\$ 3,488,445	\$ 11,489,107
4 Continuous Improvement	\$ 157,010	\$ 157,010	\$ 157,010	\$ 471,030
5 Communications	\$ 387,699	\$ 387,699	\$ 387,699	\$ 1,163,097
6 Administration	\$ 7,222,569	\$ 4,795,536	\$ 3,904,866	\$ 15,922,971
7 Operations	\$ 55,011,166	\$ 37,328,810	\$ 21,849,191	\$ 114,189,167
8 Finance	\$ 12,636,276	\$ 12,107,293	\$ 3,939,913	\$ 28,683,482
9 Construction	\$ 4,188,768	\$ 5,050,044	\$ 3,904,846	\$ 13,143,658
10 Logistics	\$ 5,663,422	\$ 5,516,732	\$ 5,800,090	\$ 16,980,244
11 Overhead	\$ (4,951,830)	\$ (4,769,435)	\$ (3,632,459)	\$ (13,353,724)
12 Budget Adjustments	\$ (11,600,000)	\$ 12,400,000	\$ (4,800,000)	\$ (4,000,000)
13 Total Operation & Maintenance	\$ 74,437,130	\$ 77,999,266	\$ 36,624,050	\$ 189,060,446

Sewerage and Water Board of New Orleans
2017
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
I. Executive Director					
0010	Executive Director	\$325,077	\$325,077	\$325,077	\$975,230
0030	Community & Intergovernmental Relations	\$0	\$0	\$0	\$0
0082	Internal Audit	\$283,266	\$214,971	\$162,585	\$660,822
	<u>Total Executive Director</u>	\$608,343	\$540,047	\$487,662	\$1,636,052
II. Special Counsel					
0020	Legal Department	\$636,787	\$636,787	\$636,787	\$1,910,362
0022	Customer Review Officer	\$47,500	\$47,500	\$0	\$95,000
0966	Drainage Damage Claims	\$0	\$0	\$500,000	\$500,000
0967	Water Damage Claims	\$186,500	\$0	\$0	\$186,500
0968	Sewerage Damage Claims	\$0	\$43,500	\$0	\$43,500
	<u>Total Special Counsel</u>	\$870,787	\$727,787	\$1,136,787	\$2,735,362
III. Security					
0011	Security	\$1,347,085	\$1,347,085	\$1,347,085	\$4,041,256
0055	Emergency Management	\$415,285	\$415,285	\$415,285	\$1,245,856
0081	Risk Management	\$427,658	\$324,550	\$245,462	\$997,670
0944	Fleet Insurance	\$100,000	\$100,000	\$50,000	\$250,000
0960	General Insurance	\$900,000	\$900,000	\$900,000	\$2,700,000
9550	Worker's Compensation	\$23,353	\$14,879	\$11,769	\$50,000
9960	Temporary Total Disability	\$726,268	\$462,724	\$366,009	\$1,555,000
9961	Permanent Partial Disability	\$239,131	\$152,357	\$120,512	\$512,000
9962	Permanent Total Disability	\$64,138	\$40,864	\$32,323	\$137,325
	<u>Total Security</u>	\$4,242,919	\$3,757,744	\$3,488,445	\$11,489,107

Sewerage and Water Board of New Orleans
2017
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
IV.	<u>Continuous Improvement</u>				
0012	Continuous Improvement	\$157,010	\$157,010	\$157,010	\$471,030
	<u>Total Continuous Improvement</u>	\$157,010	\$157,010	\$157,010	\$471,030
V.	<u>Communications</u>				
0013	Communications	\$387,699	\$387,699	\$387,699	\$1,163,097
	<u>Total Communications</u>	\$387,699	\$387,699	\$387,699	\$1,163,097
VI.	<u>Administration</u>				
0050	Office of Equal Employment Opportunity	\$137,551	\$87,637	\$69,320	\$294,509
	<u>Total EEO</u>	\$137,551	\$87,637	\$69,320	\$294,509
	<u>Personnel Administration</u>				
0200	Human Resource Administration	\$297,523	\$297,523	\$297,523	\$892,569
0210	Recruitment & Classifications	\$638,563	\$406,845	\$321,809	\$1,367,216
0220	Medical Operations	\$32,927	\$20,979	\$16,594	\$70,500
0230	Training	\$459,229	\$292,587	\$231,432	\$983,248
0240	Benefits Administration	\$121,884	\$77,655	\$61,424	\$260,964
0250	Board Relations	\$117,600	\$117,600	\$117,600	\$352,801
0260	Records Management	\$117,993	\$117,993	\$117,993	\$353,980
0982	Unified Way Fund Raising Campaign	\$1,097	\$1,097	\$1,097	\$3,292
	<u>Total Personnel Administration</u>	\$1,786,817	\$1,332,279	\$1,165,474	\$4,284,570

Sewerage and Water Board of New Orleans
2017
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
Payroll Related					
9300	Hospitalization - Board's Contribution	\$5,184,707	\$3,303,309	\$2,612,876	\$11,100,892
9350	Employee Life Ins Contributions	\$106,488	\$67,846	\$53,666	\$228,000
9500	LUTA (Unemployment Tax)	\$7,006	\$4,464	\$3,531	\$15,000
9999	Terminal Leave	\$0	\$0	\$0	\$0
	<u>Total Payroll Related</u>	\$5,298,201	\$3,375,619	\$2,670,072	\$11,343,892
	<u>Total Administration</u>	\$7,222,569	\$4,795,536	\$3,904,866	\$15,922,971
VII. General Superintendent/Operations					
1000	General Superintendent	\$196,495	\$137,138	\$101,818	\$435,452
	<u>Total General Superintendent</u>	\$196,495	\$137,138	\$101,818	\$435,452
<u>Operations - Drainage Pumping</u>					
2100	Superintendent - Drainage Pumping	\$0	\$0	\$350,899	\$350,899
2200	Central Control	\$0	\$0	\$1,121,822	\$1,121,822
2300	Drainage Pumping Supervisor	\$0	\$0	\$1,020,968	\$1,020,968
2301	Unmanned DPS Maintenance	\$0	\$0	\$242,498	\$242,498
2302	DPS Maintenance - Employees	\$0	\$0	\$333,732	\$333,732
2310	Old City	\$0	\$0	\$3,537,344	\$3,537,344
2311	Station #1	\$0	\$0	\$121,010	\$121,010
2312	Station #2	\$0	\$0	\$8,042	\$8,042
2313	Station #3	\$0	\$0	\$13,125	\$13,125
2314	Station #4	\$0	\$0	\$50,760	\$50,760
2315	Station #5	\$0	\$0	\$30,400	\$30,400

Sewerage and Water Board of New Orleans
2017
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
2316	Station #6	\$0	\$0	\$282,383	\$282,383
2317	Station #7	\$0	\$0	\$80,900	\$80,900
2319	Station #19	\$0	\$0	\$178,573	\$178,573
2320	Algiers Drainage Operations	\$0	\$0	\$922,711	\$922,711
2321	Station #11	\$0	\$0	\$432,869	\$432,869
2330	Unmanned Drainage Stations	\$0	\$0	\$1,015,438	\$1,015,438
2331	Citrus #10	\$0	\$0	\$40,100	\$40,100
2332	Station #12	\$0	\$0	\$4,938	\$4,938
2333	Grant	\$0	\$0	\$80,100	\$80,100
2334	Jahncke #14	\$0	\$0	\$90,200	\$90,200
2335	Intra-Coastal #15	\$0	\$0	\$250,100	\$250,100
2336	St. Charles #16	\$0	\$0	\$55,260	\$55,260
2337	Elaine	\$0	\$0	\$11,100	\$11,100
2338	Maxeum #18	\$0	\$0	\$19,353	\$19,353
2339	Dwyer	\$0	\$0	\$75,000	\$75,000
2340	Carrollton Frequency Changer	\$0	\$0	\$35,570	\$35,570
2341	AMID Drainage Pumping Station	\$0	\$0	\$22,347	\$22,347
2342	I-10 Underpass DPS	\$0	\$0	\$73,400	\$73,400
2343	Pritchard DPS	\$0	\$0	\$14,400	\$14,400
2347	Station D	\$0	\$297,594	\$694,387	\$991,981
2348	Underpass Station	\$0	\$0	\$111,065	\$111,065
<u>Total Drainage Pumping</u>		\$0	\$297,594	\$11,320,794	\$11,618,388

Sewerage and Water Board of New Orleans
2017
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
<u>Sewerage Pumping</u>					
2400	Sewerage Pumping Supervisor	\$0	\$1,377,062	\$0	\$1,377,062
2401	Sewer PS Maintenance - Employees	\$0	\$184,166	\$0	\$184,166
2411	Station A	\$0	\$580,550	\$0	\$580,550
2412	Automatic Stations-Algiers	\$0	\$372,775	\$0	\$372,775
2413	Maintenance Sewer Stations-Algiers	\$0	\$116,053	\$0	\$116,053
2430	Automatic Stations	\$0	\$848,722	\$0	\$848,722
<u>Total Sewerage Pumping</u>		\$0	\$3,479,328	\$0	\$3,479,328
<u>Water Pumping and Power</u>					
3000	Chief of Operations	\$94,191	\$94,191	\$94,191	\$282,574
<u>Water Pumping and Power</u>		\$94,191	\$94,191	\$94,191	\$282,574
3100	Superintendent	\$1,136,350	\$44,540	\$760,117	\$1,941,008
3102	Shift Employees N.O. River Intake	\$559,755	\$0	\$0	\$559,755
3103	Intake Maintenance/N.O. River Station	\$202,111	\$0	\$0	\$202,111
3111	Boiler Operations	\$493,021	\$70,432	\$845,178	\$1,408,630
3112	Boiler Room Maintenance Employees	\$172,674	\$24,668	\$296,012	\$493,353
3113	Drainage High Pressure Gas	\$0	\$0	\$2,500,000	\$2,500,000
3114	Water High Pressure Gas	\$7,500,000	\$0	\$0	\$7,500,000
3115	Sewer High Pressure Gas	\$0	\$198,693	\$0	\$198,693
3130	Pumping Operations	\$1,547,218	\$0	\$0	\$1,547,218
3131	Water Pumping Maintenance Personnel	\$208,346	\$0	\$0	\$208,346
3135	Steam Turbine Generators	\$277,044	\$39,578	\$474,932	\$791,553
3136	Gas Turbine Generators	\$0	\$0	\$222,066	\$222,066
3137	Maintenance Employees for Generators	\$174,414	\$24,916	\$298,995	\$498,325
3150	Station C	\$546,355	\$156,101	\$78,051	\$780,507
3151	Minor Maintenance Employees Station C	\$303,687	\$86,768	\$43,384	\$433,839
3152	Materials & Supplies-O&M Algiers Station	\$193,476	\$55,279	\$27,639	\$276,394
<u>Total Water Pumping & Power</u>		\$13,314,450	\$700,975	\$5,546,374	\$19,561,798

Sewerage and Water Board of New Orleans
2017
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
<u>Purification</u>					
3200	Superintendent	\$515,309	\$0	\$0	\$515,309
3210	Laboratory	\$1,162,115	\$0	\$0	\$1,162,115
3220	Carrollton (Supervisor)	\$339,382	\$0	\$0	\$339,382
3221	Chemical House	\$626,893	\$0	\$0	\$626,893
3222	Dorr Unit	\$173,404	\$0	\$0	\$173,404
3223	Maintenance and Relief-MWP	\$551,761	\$0	\$0	\$551,761
3224	Chemicals (New Orleans)	\$4,953,100	\$0	\$0	\$4,953,100
3225	Reservoir Washing-Labor	\$193,259	\$0	\$0	\$193,259
3226	Sycamore Filters	\$907,795	\$0	\$0	\$907,795
3227	Micc Employees/Sycamore Filters	\$679,421	\$0	\$0	\$679,421
3228	Micc Employees/Clabonne Filters	\$141,864	\$0	\$0	\$141,864
3229	Clabonne Filters	\$385,333	\$0	\$0	\$385,333
3231	Water Tower	\$8,250	\$0	\$0	\$8,250
3240	Algiers (Supervisor)	\$164,314	\$0	\$0	\$164,314
3241	Maintenance & Relief-AWP	\$565,901	\$0	\$0	\$565,901
3242	Head House	\$465,004	\$0	\$0	\$465,004
3243	Filter #2	\$417,361	\$0	\$0	\$417,361
3244	Chemicals (Algiers)	\$276,911	\$193,262	\$143,488	\$613,660
<u>Total Purification</u>		\$12,527,377	\$193,262	\$143,488	\$12,864,126
<u>Sewerage Treatment</u>					
3300	Superintendent Sewerage Treatment	\$0	\$11,366,532	\$0	\$11,366,532
<u>Total Superintendent Sewerage Treatment</u>		\$0	\$11,366,532	\$0	\$11,366,532
<u>Total Operations</u>					
		\$26,132,513	\$16,269,020	\$17,206,665	\$59,608,198

Sewerage and Water Board of New Orleans
2017
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
Facility Maintenance					
4000	Chief of Facility Maintenance	\$169,003	\$169,003	\$169,003	\$507,010
4100	Electrical Maintenance Superintendent	\$158,041	\$268,035	\$336,219	\$762,295
4110	Outside System	\$149,389	\$149,389	\$149,389	\$448,168
4120	In Plant System	\$251,223	\$195,396	\$111,655	\$558,274
4130	Communications	\$217,724	\$169,341	\$96,766	\$483,830
4260	Plant Maintenance	\$2,105,572	\$56,575	\$1,403,145	\$3,565,292
4270	Meter Repairs	\$307,124	\$307,124	\$0	\$614,247
4300	Mechanical Maintenance Superintendent	\$409,491	\$165,587	\$293,039	\$868,117
4310	Carrollton	\$430,936	\$335,173	\$191,527	\$957,636
4320	Field Crews	\$397,278	\$308,994	\$176,568	\$882,839
4330	Welding & Fabrication	\$477,476	\$111,927	\$599,235	\$1,188,638
	Total Facility Maintenance	\$5,073,257	\$2,236,542	\$3,526,547	\$10,836,346
Networks					
6000	Chief of Networks	\$546,173	\$381,186	\$283,012	\$1,210,371
6001	Zone One	\$2,094,651	\$1,227,542	\$30,781	\$3,352,974
6002	Zone Two	\$270,582	\$1,950,145	\$234	\$2,220,961
6003	Zone Three	\$1,596,393	\$969,725	\$24,507	\$2,590,624
6004	Zone Four	\$2,201,101	\$970,805	\$23,564	\$3,195,470
6005	Zone Five	\$2,099,393	\$812,350	\$14,174	\$2,925,917
6006	Zone Six	\$1,361,621	\$782,982	\$23,997	\$2,168,599
6007	Zone Seven	\$2,002,825	\$1,634,464	\$13,195	\$3,650,484
6010	Field Service Center	\$557,432	\$406,461	\$197,424	\$1,161,316
6430	Leak Detections	\$954,000	\$0	\$0	\$954,000
6500	Network's Technical Services	\$1,096,418	\$799,472	\$388,315	\$2,284,205
6600	OPSR	\$27,804	\$27,804	\$6,179	\$61,787
6611	Rigid Paving	\$407,700	\$407,700	\$90,600	\$906,000
6612	Asphalt Paving	\$90,000	\$90,000	\$20,000	\$200,000
6620	Non-FEMA Water Paving & Point Repair	\$7,810,187	\$0	\$0	\$7,810,187
6621	Non-FEMA Sewer Paving & Point Repair	\$0	\$7,673,496	\$0	\$7,673,496
	Total Networks	\$23,116,280	\$18,134,132	\$1,115,980	\$42,366,391

Sewerage and Water Board of New Orleans
2017
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
<u>Plumbing</u>					
8000	Plumbing	\$377,678	\$377,678	\$0	\$755,356
8010	Cross Connection Control	\$64,110	\$64,110	\$0	\$128,220
8100	House Connections	\$95,561	\$95,561	\$0	\$191,122
8200	Field/Account Review Unit	\$151,767	\$151,767	\$0	\$303,534
	<u>Total Plumbing</u>	\$689,116	\$689,116	\$0	\$1,378,232
	Total General Superintendent/Operations	\$55,011,166	\$37,328,810	\$21,849,191	\$114,189,167
VIII. Chief Financial Officer					
<u>Chief Financial Officer</u>					
0014	Chief Financial Officer	\$86,033	\$86,033	\$86,033	\$258,100
0937	Professional Memberships and Dues	\$45,000	\$45,000	\$45,000	\$135,000
0981	Bond Cost of Issuance	\$0	\$0	\$0	\$0
0984	New Strategic Initiatives	\$0	\$0	\$0	\$0
9450	Compensation Changes	\$0	\$0	\$0	\$0
		\$131,033	\$131,033	\$131,033	\$393,100
0060	Planning & Budget	\$274,411	\$208,251	\$157,503	\$640,164
	<u>Total Planning & Budget</u>	\$274,411	\$208,251	\$157,503	\$640,164
<u>Finance</u>					
0083	Inventory Control	\$168,350	\$50,820	\$27,024	\$246,194
0300	Finance Administration	\$337,436	\$256,080	\$193,677	\$787,193
0320	Payroll	\$263,176	\$167,676	\$132,630	\$563,481
0340	Customer Accounting	\$88,755	\$88,755	\$9,343	\$186,853
0350	Accounting	\$723,711	\$549,225	\$415,386	\$1,688,321
0910	Pension Related Expense	\$32,694	\$20,830	\$16,476	\$70,000
	<u>Total Finance</u>	\$1,614,121	\$1,133,386	\$794,536	\$3,542,042

Sewerage and Water Board of New Orleans
2017
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
<u>Information Systems</u>					
0405	Information Systems	\$53,237	\$40,401	\$30,556	\$124,194
0450	Computer Center	\$2,651,973	\$2,651,973	\$2,651,973	\$7,955,920
0451	Computer Center Scada Drainage	\$0	\$0	\$50,000	\$50,000
0460	Records and Data Management	\$43,306	\$43,306	\$43,306	\$129,918
<u>Total Information Systems</u>		\$2,748,516	\$2,735,681	\$2,775,835	\$8,260,032
<u>Revenue</u>					
0500	Revenue & Customer Service Admin.	\$256,642	\$256,642	\$0	\$513,284
0501	Customer Relations	\$88,993	\$88,993	\$0	\$177,985
0902	Water Service Assistance Program	\$120,000	\$120,000	\$0	\$240,000
0502	Revenue Administration - Mailroom	\$577,351	\$577,351	\$0	\$1,154,702
0503	Customer Accounts Contact Center	\$0	\$0	\$0	\$0
<u>Total Revenue</u>		\$1,042,986	\$1,042,986	\$0	\$2,085,971
<u>Billing & Accounts</u>					
0506	Special Accounts	\$64,538	\$64,538	\$0	\$129,076
0510	Billings	\$61,970	\$61,970	\$0	\$123,940
0511	Billing Review & Commercial Accs	\$172,212	\$172,212	\$0	\$344,424
0512	Bill Adjustments	\$321,869	\$321,869	\$0	\$643,738
0519	Credits & Collections	\$255,907	\$255,907	\$0	\$511,813
<u>Total Billing & Accounts</u>		\$876,496	\$876,496	\$0	\$1,752,991
<u>Customer Service</u>					
0520	Cashier	\$440,981	\$440,981	\$0	\$881,961
0530	Customer Service Administration	\$61,318	\$61,318	\$0	\$122,635
0531	Customer Service -Walk Ins	\$516,318	\$516,318	\$0	\$1,032,635
0532	Customer Service - Westbank Office	\$41,467	\$41,467	\$0	\$82,934
0533	Customer Service Telephone	\$607,361	\$607,361	\$0	\$1,214,721
0534	Customer Service-Mail Resolving	\$194,390	\$194,390	\$0	\$388,779
0535	Emergency Telephone Center	\$149,793	\$187,242	\$37,448	\$374,483
0536	Service Request Contract Center	\$65,336	\$58,635	\$43,558	\$167,529
<u>Total Customer Service</u>		\$2,076,962	\$2,107,709	\$81,006	\$4,265,677

**Sewerage and Water Board of New Orleans
2017
Operating and Maintenance Expense Detail
by Department and System**

Code	Department	Water	Sewerage	Drainage	Total
<u>Meter Service</u>					
0540	Meter Reading & Investigations	\$2,008,427	\$2,008,427	\$0	\$4,016,853
0541	Customer Service Satellite New Orleans East	\$0	\$0	\$0	\$0
	<u>Total Meter Service</u>	\$2,008,427	\$2,008,427	\$0	\$4,016,853
<u>Project Delivery Unit</u>					
0065	Project Delivery Unit	\$1,863,326	\$1,863,326	\$0	\$3,726,652
		\$1,863,326	\$1,863,326	\$0	\$3,726,652
	<u>Total Chief Financial Officer</u>	\$12,636,276	\$12,107,293	\$3,939,913	\$28,683,482
IX Deputy General Superintendent/Construction					
0015	Construction	\$1,131,305	\$1,131,305	\$1,131,305	\$3,393,914
	<u>Total Construction</u>	\$1,131,305	\$1,131,305	\$1,131,305	\$3,393,914
0070	Environmental Compliance	\$0	\$1,827,298	\$900,012	\$2,727,310
	<u>Total Environmental Compliance</u>	\$0	\$1,827,298	\$900,012	\$2,727,310
7000	Chief of Engineering	\$86,558	\$60,410	\$44,852	\$191,820
7010	Program Management - CIP	\$315,572	\$220,313	\$163,521	\$699,405
7100	Mechanical Engineering	\$457,907	\$319,513	\$237,223	\$1,014,543
7200	Electrical Engineering	\$780,425	\$544,674	\$404,394	\$1,729,493
7210	Cathodic Protection	\$60,886	\$0	\$0	\$60,886
7300	Construction & Inspection	\$236,858	\$165,308	\$122,733	\$524,899
7310	Engineering Field Inspection	\$370,441	\$258,538	\$191,952	\$820,931
7400	Network Engineering	\$485,782	\$339,037	\$251,719	\$1,076,538
7500	Civil Engineering	\$263,136	\$183,648	\$136,350	\$583,134
7800	Drainage Engineering	\$0	\$0	\$320,785	\$320,785
	<u>Total Engineering</u>	\$3,057,464	\$2,091,441	\$1,873,529	\$7,022,434
	<u>Total Deputy General Superintendent/Construction</u>	\$4,188,768	\$5,050,044	\$3,904,846	\$13,143,658

Sewerage and Water Board of New Orleans
2017
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total		
X	Logistics						
		<u>EDBP</u>					
		0040 Economically Disadvantaged Business Prog.	\$270,519	\$243,100	\$177,002	\$690,622	
	<u>Total EDBP</u>	\$270,519	\$243,100	\$177,002	\$690,622		
0600	<u>Logistics</u>						
		Logistics	\$141,461	\$141,461	\$141,461	\$424,382	
		<u>Total Logistics</u>	\$141,461	\$141,461	\$141,461	\$424,382	
0700	<u>Purchasing</u>						
		Purchasing	\$256,246	\$230,274	\$167,663	\$654,183	
		0710 Printing	\$78,921	\$59,893	\$45,298	\$184,113	
	<u>Total Purchasing</u>	\$335,167	\$290,167	\$212,961	\$838,296		
0800	<u>Support Services</u>						
		Director of Support Services	\$66,098	\$66,174	\$160,650	\$292,922	
		<u>Total Support Services</u>	\$66,098	\$66,174	\$160,650	\$292,922	
0801-0853	<u>Department of Building & Grounds</u>						
		0801 Administration Building - St. Charles	\$226,223	\$226,482	\$549,827	\$1,002,532	
		0805 Administration Building - Central Yd.	\$209,378	\$209,378	\$104,689	\$523,446	
		0811 Building Maintenance	\$687,993	\$687,993	\$343,997	\$1,719,983	
		0815 Grounds Maintenance	\$97,153	\$97,153	\$1,748,752	\$1,943,058	
		0820 Canal Maintenance & Dredging	\$233,550	\$148,750	\$117,700	\$500,000	
		0830 Equipment Mntce. Information Systems	\$168,775	\$168,968	\$410,202	\$747,945	
		0840 Central Yard Garage	\$2,249,432	\$2,249,432	\$1,124,716	\$5,623,579	
		0841 Satellite Garage	\$506,580	\$506,580	\$253,290	\$1,266,450	
		0850 Warehouse and Grounds	\$427,343	\$427,343	\$427,343	\$1,282,029	
		0853 Bulk Materials	\$43,750	\$53,750	\$27,500	\$125,000	
			<u>Total Building & Grounds</u>	\$4,850,177	\$4,775,830	\$5,108,016	\$14,734,022
			<u>Total Logistics</u>	\$5,663,422	\$5,516,732	\$5,800,090	\$16,980,244

Sewerage and Water Board of New Orleans
2017
Operating and Maintenance Expense Detail
by Department and System

Code	Department	Water	Sewerage	Drainage	Total
XI					
Overhead Allocation					
0996	Water O/H CP#820	(4,951,830)	\$0	\$0	(4,951,830)
0997	Drainage O/H CP#820	0	0	(3,632,459)	(3,632,459)
0998	Sewerage O/H CP#820	0	(4,769,435)	0	(4,769,435)
	Total Overhead	\$ (4,951,830.00)	\$ (4,769,435.00)	\$ (3,632,459.00)	\$ (13,353,724.00)
Budget Adjustment					
	Cost Allocation	\$ (10,000,000.00)	\$ 14,000,000.00	\$ (4,000,000.00)	\$ -
	Vacancy Credit	\$ (1,600,000.00)	\$ (1,600,000.00)	\$ (800,000.00)	\$ (4,000,000)
	Total Budget Adjustment	\$ (11,600,000.00)	\$ 12,400,000.00	\$ (4,800,000.00)	\$ (4,000,000.00)
	Total Operation and Maintenance	\$74,437,130	\$77,999,266	\$36,624,050	\$189,060,446
XII					
Other Operating Expenses					
5001	Drainage Non-Cash Expense	\$0	\$0	\$23,370,699	\$23,370,699
5002	Water Non-Cash Expense	\$14,130,571	\$0	\$0	\$14,130,571
5003	Sewerage Non-Cash Expense	\$0	\$25,586,523	\$0	\$25,586,523
	Total Depreciation (Non-Cash)	\$14,130,571	\$25,586,523	\$23,370,699	\$63,087,793
9100	Pension Liability Adjustment	7,000,000	7,000,000	7,000,000	\$21,000,000
	Total Other Non Cash Expenses	\$21,130,571	\$32,586,523	\$30,370,699	\$84,087,793
	Total 2017 Operating Expenses	\$95,567,701	\$110,585,789	\$66,994,749	\$273,148,239

2017-2026 Water System Projected Revenue Requirements

Line No.	Description	Fiscal Year Ending December 31,										
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
1	Revenue from Charges	86,002,900	85,826,700	85,648,700	85,465,200	85,277,800	85,082,800	84,880,900	84,670,000	84,448,600	84,252,000	
2	Total Additional Revenue (a)	8,463,400	17,741,900	27,973,900	39,180,200	39,093,100	39,002,500	38,908,700	38,810,700	38,707,700	38,616,300	
3	Total Service Charge Revenue	94,466,300	103,568,600	113,622,600	124,645,400	124,370,900	124,085,300	123,789,600	123,480,700	123,156,300	122,868,300	
4	Other Operating Revenue	7,168,500	7,230,700	7,306,600	7,350,500	7,381,100	7,404,600	7,413,300	7,407,600	7,391,400	7,360,600	
5	Total Operating Revenue	101,634,800	110,799,300	120,929,200	131,995,900	131,752,000	131,489,900	131,202,900	130,888,300	130,547,700	130,228,900	
6	Operation & Maintenance	(74,437,100)	(76,670,200)	(78,970,300)	(81,339,400)	(83,779,600)	(86,293,000)	(88,881,800)	(91,548,300)	(94,294,700)	(97,123,500)	
7	Non-Cash Expense Accruals	(1,889,326)	(2,071,372)	(2,272,452)	(2,492,908)	(2,487,418)	(2,481,706)	(2,475,792)	(2,469,614)	(2,463,126)	(2,457,366)	
8	Net Operating Revenue	25,308,374	32,057,728	39,686,448	48,163,592	45,484,982	42,715,194	39,845,308	36,870,386	33,789,874	30,648,034	
Debt Service												
Senior Lien Revenue Bonds												
9	Existing	(12,640,600)	(13,333,600)	(13,394,600)	(13,473,600)	(13,471,300)	(13,470,400)	(13,470,100)	(13,470,800)	(13,470,500)	(13,468,800)	
10	Projected	0	0	(3,508,500)	(8,420,400)	(9,327,800)	(10,598,100)	(10,598,100)	(10,598,100)	(10,598,100)	(10,598,100)	
11	Total Senior Lien Revenue Bonds	(12,640,600)	(13,333,600)	(16,903,100)	(21,894,000)	(22,799,100)	(24,068,500)	(24,068,200)	(24,068,900)	(24,068,600)	(24,066,900)	
12	Subordinate Revenue Bonds	(639,900)	(639,900)	(639,900)	(639,900)	(639,900)	(639,900)	(639,900)	(639,900)	(639,900)	(639,900)	
13	Gulf Opportunity Zone Act Loan	(13,280,500)	(13,973,500)	(17,543,000)	(22,553,900)	(23,439,000)	(24,708,400)	(24,708,100)	(24,708,800)	(24,708,500)	(24,386,900)	
14	Total Debt Service	(27,560,000)	(27,946,900)	(35,085,500)	(43,087,300)	(46,877,000)	(50,416,800)	(50,476,200)	(50,476,700)	(50,476,000)	(49,090,700)	
15	Other Non-Operating Revenue	400,500	400,500	400,500	400,500	400,500	400,500	400,500	400,500	400,500	400,500	
16	Transfer to Construction	(11,000,000)	(15,000,000)	(19,000,000)	(23,000,000)	(19,000,000)	(16,000,000)	(15,000,000)	(13,000,000)	(11,000,000)	(10,000,000)	
17	Due from/(to) Other Departments	(436,000)	(436,000)	0	0	0	0	0	0	0	0	
18	Transfer to Operating Reserve Fund	0	0	0	(174,000)	(584,200)	(601,700)	(619,700)	(638,300)	(657,500)	(677,200)	
19	Transfer from/(to) Rate Stabilization Fund	0	0	0	0	0	0	0	0	0	0	
20	Net Annual Balance	992,374	3,048,728	3,543,948	2,856,192	2,862,282	1,805,594	(81,992)	(1,076,214)	(2,175,626)	(4,015,566)	
21	Beginning of Year Cash Balance (b)	6,830,284	7,822,658	10,871,386	14,415,334	17,271,526	20,133,808	21,939,402	21,857,410	20,781,196	18,605,570	
22	End of Year Balance	7,822,658	10,871,386	14,415,334	17,271,526	20,133,808	21,939,402	21,857,410	20,781,196	18,605,570	14,590,004	
23	Beginning of Year Cash Balance (b)	37,307,129	38,299,503	41,348,231	44,892,179	47,922,371	51,368,853	53,776,147	54,313,855	53,875,941	52,357,815	
24	Customer Deposits	0	0	0	0	0	0	0	0	0	0	
25	Operating Reserve Fund	0	0	0	174,000	584,200	601,700	619,700	638,300	657,500	677,200	
26	Net annual Balance	992,374	3,048,728	3,543,948	2,856,192	2,862,282	1,805,594	(81,992)	(1,076,214)	(2,175,626)	(4,015,566)	
27	End of Year Balance	38,299,503	41,348,231	44,892,179	47,922,371	51,368,853	53,776,147	54,313,855	53,875,941	52,357,815	49,019,449	
28	Days of O&M Cash on Hand	183	192	202	209	217	221	217	209	198	180	
Coverage Requirements												
Rate Covenant Coverage												
28	Senior Debt (c)	222.0%	260.5%	251.1%	232.3%	210.4%	187.8%	175.8%	163.4%	150.6%	151.9%	
29	All Debt (d)	211.3%	248.6%	241.9%	225.7%	204.7%	182.9%	171.3%	159.2%	146.7%	149.9%	
Additional Bond Coverage												
30	Senior Debt (c)	410.7%	258.2%	241.0%	211.9%	211.3%	199.3%	187.8%	175.8%	163.4%	150.6%	
31	All Debt (d)	392.1%	250.8%	234.1%	206.4%	205.8%	194.2%	182.9%	171.3%	159.2%	146.7%	

(a) Reflects revenue from an eight-year series of annual 10% rate increases effective January 1, 2013; adopted by the City Council in 2012.
 (b) Reflects beginning of year balance in unrestricted and undesignated cash and cash equivalents and cash and cash equivalents designated for capital projects, less operating reserve requirement.
 (c) The General Bond Resolution requires net revenue to equal or exceed 125% of debt service.
 (d) The General Bond Resolution requires net revenue to equal or exceed 110% of debt service.

Sewerage and Water Board of New Orleans Operating and Maintenance Budget
 Comparison 2015 Budget, 2016 Budget, 2017 Budget
 (WATER)

	A 2015 Budget	B 2016 Budget	C 2017 Water
Operating Revenues:			
1 Revenues from Charges	\$ 79,308,718	\$85,302,302	\$94,466,300
2 Other Operating Revenues	\$ 3,554,020	3,454,810	4,651,800
3 Total Operating Revenues	\$ 82,862,738	88,757,112	99,118,100
Operating Expenses:			
4 Operating & Maintenance Expenses	\$ 72,266,600	74,301,129	74,437,130
5 Depreciation & Allowances Exp. (non-cash)	\$ 18,455,000	19,455,000	14,130,571
6 Other Operating Expense (Non-Cash)	\$ 3,666,667	3,666,667	7,000,000
7 Total Operating Expenses	\$ 94,388,267	97,422,796	95,567,701
8 Net Operating Income	\$ (11,525,529)	(8,665,684)	3,550,399
Non-Operating Revenues (Expenses):			
9 Tax Revenues	\$ -	0	0
10 Interest Income	\$ -	0	340,200
11 Other Non-Operating Revenues	\$ 400,501	400,501.00	400,500
12 FEMA Contracts Reimbursement	\$ -	-	2,195,067
13 Total Non-Operating Revenues	\$ 400,501	\$ 400,501.00	2,935,767
Non-Operating Expenses:			
14 Interest Expense - Series 2014 Bonds	\$ 5,176,250	0	5,160,000
15 Interest Expense - Series 2015 Bonds	\$ 0	0	4,940,550
16 Go Zone Interest Expense	\$ 268,607	0	204,610
17 Capitalized Interest	\$ (5,176,250)	0	(10,100,550)
18 Total Non-Operating Expenses	\$ 268,607.00	0 \$	204,610
19 Net Income	\$ (11,125,028)	(\$8,265,183)	\$6,281,556

**Sewerage and Water Board of New Orleans 2017 Operating Budget
Water System Operating Revenues**

Account	Description	A	B	C
		2015 Budget	2016 Budget	2017 Budget
Water Sales				
1	4001 Residential Sales	\$39,582,054	\$43,036,484	\$47,659,879
2	4004 Residential Multi-Family Sales	4,296,069	4,376,202	\$4,846,336
3	4007 Commercial Sales	33,283,810	35,607,205	\$39,432,475
4	4010 Industrial Sales	848,787	1,114,309	\$1,234,019
5	4028 Sewer Allowance	3,719	2,128	\$2,357
6	4012 Delinquent Fee - Water	1,294,279	1,165,974	\$1,291,234
		79,308,718	85,302,302	94,466,300
Revenue Sharing				
7	4019 State Revenue Sharing	0	0	0
8	Total Revenue Sharing	0	0	0
Plumbing Inspection and License Fees				
9	4022 Plumbing Inspection Fees	305,441	290,708	290,679
10	4025 Plumbing License Fees	16,076	9,021	9,021
11	Total Plumbing Fees	321,517	299,729	299,700
Miscellaneous Revenues				
12	Other Revenue	3,232,503	3,155,081	4,155,100
13	Interest from Bond Reserve Fund	0	0	197,000
14	Total Miscellaneous Revenues	3,232,503	3,155,081	4,352,100
15	Total Water Other Operating Revenues	3,554,020	3,454,810	4,651,800
16	Total Water System Operating Revenues	\$87,862,738	\$88,757,112	\$99,118,100

Sewerage and Water Board of New Orleans 2017 Operating Budget
Water System Non-Operating Revenues

Account Description	Budget		
	A 2015	B 2016	C 2017
1 Interest Income			
2 Interest Interest	0	0	340,200
3 Interest WRRB	0	0	0
4 Restricted Int. WRRB	0	0	0
5 Interest Income LGIP	0	0	0
6 Interest Income Bond Premium	0	0	0
7 Interest Customer Deposits LGIP	0	0	0
8 Interest Income Customer DP MM	0	0	0
9 Interest Income Health Reserve	0	0	0
10 Interest Income Water Sys MM	0	0	0
Total Interest Income	0	0	340,200
Other Income			
11 NSF Fees	0	0	0
12 Non-Operating Revenues	280,501	400,501	400,500
13 Reconnect/Reset Fees	0	0	0
14 Rental Income/Property	0	0	0
15 Gain/Loss	0	0	0
16 Damage/NE	0	0	0
17 Delinquent Account Charge	0	0	0
18 Sales of Plans & Specs	0	0	0
19 Reimb Printing/Copies Charges	0	0	0
20 Transfer from Revolving Fund	0	0	0
21 Admin Fees/FEMA	0	0	0
22 State Vend Comp Sales Tax	0	0	0
23 Manage Competition RFP Fee	0	0	0
24 Vendor Compensation Sales Tax	0	0	0
25 Retiree Drug Subsidy	0	0	0
26 S&WB Logo	0	0	0
27 Legal Settlement	0	0	0
29 Citation Administration Fees	0	0	0
31 Vehicle Usage	0	0	0
33 O & M Contrib. from Fema - Point Repairs	0	0	0
35 Travel Reimbursement	0	0	0
7999 Blue Cross Reimb/Transfer	0	0	0
33 Total Other Income	400,501	400,501	400,500
Reimbursements			
34 FEMA Expen. Reimb./Misc Revenue Other	120,000	0	2,195,067
	120,000	0	2,195,067
Total Water Non-Operating Revenues	400,501	400,501	4,311,927

2017-2026 Sewerage System Projected Revenue Requirements

Line No.	Description	Fiscal Year Ending December 31									
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
1	Revenue from Charges	103,675,100	103,811,900	103,947,600	104,064,000	103,943,100	103,776,800	103,563,900	103,306,800	103,006,400	102,661,700
2	Total Additional Revenue (a)	10,118,200	21,382,600	33,743,200	47,310,100	47,254,400	47,177,600	47,079,200	46,960,200	46,821,100	46,661,600
3	Total Service Charge Revenue	113,793,300	125,194,500	137,690,800	151,374,100	151,197,500	150,954,400	150,643,100	150,267,000	149,827,500	149,323,300
4	Other Operating Revenue	4,076,900	4,146,000	4,187,000	4,229,800	4,275,800	4,325,300	4,378,600	4,436,000	4,497,900	4,564,700
5	Total Operating Revenue	117,870,200	129,340,500	141,877,800	155,603,900	155,473,300	155,279,700	155,021,700	154,703,000	154,325,400	153,888,000
6	Operation & Maintenance	(77,999,300)	(80,339,300)	(82,749,500)	(85,232,000)	(87,789,000)	(90,422,700)	(93,135,400)	(95,929,500)	(98,807,400)	(101,771,600)
7	Non-Cash Expense Accruals	(2,275,866)	(2,503,890)	(2,753,816)	(3,027,482)	(3,023,950)	(3,019,088)	(3,012,862)	(3,005,340)	(2,996,550)	(2,986,466)
8	Net Operating Revenue	37,595,034	46,497,310	56,374,484	67,344,418	64,660,350	61,837,912	58,873,438	55,768,160	52,521,450	49,129,934
Debt Service											
Senior Lien Revenue Bonds											
9	Existing	(24,806,500)	(23,139,100)	(21,714,000)	(21,730,500)	(20,552,500)	(18,435,000)	(14,525,600)	(14,074,300)	(12,162,600)	(12,162,300)
10	Projected	0	(3,985,000)	(9,563,900)	(12,430,800)	(16,444,400)	(18,709,200)	(21,880,000)	(24,316,900)	(27,728,500)	(28,875,300)
11	Subtotal	(24,806,500)	(27,124,100)	(31,277,900)	(34,161,300)	(36,996,900)	(37,144,200)	(36,405,600)	(38,391,200)	(39,891,100)	(41,037,600)
Subordinate Revenue Bonds											
12	Gulf Opportunity Zone Act Loan	(6,235,200)	(6,235,200)	(6,235,200)	(6,235,200)	(6,235,200)	(6,235,200)	(6,235,200)	(6,235,200)	(6,235,200)	(3,117,600)
13	Total Debt Service	(31,041,700)	(33,359,300)	(37,513,100)	(40,396,500)	(43,232,100)	(43,379,400)	(42,640,800)	(44,626,400)	(46,126,500)	(44,155,200)
14	Other Non-Operating Revenue	462,100	462,100	462,100	462,100	462,100	462,100	462,100	462,100	462,100	462,100
15	Transfer to Construction	0	(11,000,000)	(18,000,000)	(26,000,000)	(20,000,000)	(18,000,000)	(16,000,000)	(10,000,000)	(5,000,000)	(4,000,000)
16	Due from/(to) Other Departments	(486,000)	0	0	0	0	0	0	0	0	0
17	Transfer to Operating Reserve Fund	(182,300)	(4,742,000)	(577,000)	(594,300)	(612,100)	(630,500)	(649,400)	(668,900)	(689,000)	(709,600)
18	Transfer from/(to) Rate Stabilization Fund	0	0	0	0	0	0	0	0	0	0
19	Net Annual Balance	6,347,134	(2,141,890)	746,484	815,718	1,278,250	290,112	45,338	934,960	1,168,250	727,234
20	Beginning of Year Cash Balance (b)	32,402,514	38,749,648	36,607,758	37,354,242	38,169,960	39,448,210	39,738,322	39,783,660	40,718,620	41,886,870
21	End of Year Balance	38,749,648	36,607,758	37,354,242	38,169,960	39,448,210	39,738,322	39,783,660	40,718,620	41,886,870	42,614,104
22	Beginning of Year Cash Balance (b)	32,402,514	38,931,948	41,533,058	42,855,542	44,265,560	46,155,910	47,076,522	47,771,260	49,375,120	51,233,370
23	Operating Reserve Fund	182,300	4,742,000	577,000	594,300	612,100	630,500	649,400	668,900	689,000	709,600
24	Net annual Balance	6,347,134	(2,141,890)	746,484	815,718	1,278,250	290,112	45,338	934,960	1,168,250	727,234
25	End of Year Balance	38,931,948	41,533,058	42,855,542	44,265,560	46,155,910	47,076,522	47,771,260	49,375,120	51,233,370	52,669,204
26	Days of O&M Cash on Hand	177	183	183	183	186	184	181	182	184	184
Coverage Requirements											
Rate Covenant Coverage											
27	Senior Debt (c)	204.1%	261.5%	298.8%	345.7%	312.4%	301.6%	299.3%	275.4%	257.0%	241.2%
28	All Debt (d)	163.1%	212.6%	249.2%	292.4%	267.4%	258.3%	255.5%	236.9%	222.3%	224.2%
Additional Bond Coverage											
29	Senior Debt (c)	390.0%	271.4%	296.3%	280.7%	312.4%	311.2%	307.7%	273.1%	265.0%	257.0%
30	All Debt (d)	311.7%	226.3%	247.1%	240.2%	267.4%	266.4%	262.7%	236.2%	229.2%	222.3%

(a) Reflects revenue from an eight-year series of annual 10% rate increases effective January 1, 2013; adopted by the City Council in 2012.
 (b) Reflects beginning of year balance in unrestricted and undesignated cash and cash equivalents and cash and cash equivalents designated for capital projects, less operating reserve requirement.
 (c) The General Bond Resolution requires net revenue to equal or exceed 125% of debt service.
 (d) The General Bond Resolution requires net revenue to equal or exceed 110% of debt service.

Sewerage and Water Board of New Orleans 2017 Operating Budget
 Comparison 2015 Budget, 2016 Budget, 2017 Budget
 (SEWER)

	2015 Budget	2016 Budget	2017 Sewer
Operating Revenues:			
1 Revenues from Charges	\$96,849,527	\$104,824,535	\$113,793,300
2 Other Operating Revenues	610,461	923,402	923,400
3 Total Operating Revenues	97,459,988	105,747,937	114,716,700
Operating Expenses:			
4 Operating & Maintenance Expenses	52,410,016	56,238,898	77,999,266
5 Depreciation and Allowances	11,926,008	13,452,662	25,586,523
6 Other Operating Expense (Non-Cash)	2,500,520	3,666,667	7,000,000
7 Total Operating Expenses	66,836,544	73,358,227	110,585,789
8 Net Operating Income	30,623,444	32,389,710	4,130,911
Non-Operating Revenues (Expenses):			
9 Tax Revenues	0	0	0
10 Interest Income	0	0	644,000
11 Other Non-Operating Revenues	350,944	470,944	462,100
12 FEMA Contracts Reimbursement	13,938,000	0	2,195,067
13 Total Non-Operating Revenues	14,288,944	470,944	3,301,167
Non-Operating Expenses:			
14 Non-Operating Expenses:			
15 Interest Expense - Series 2014 Bonds	6,670,447	7,273,525	6,339,825
16 Interest Expense - Series 2015 Bonds	0	0	5,000,000
17 LADEQ Loan	0	0	69,663
18 Go Zone Interest Expense	0	2,617,566	1,993,578
19 Capitalized Interest	(6,670,447)	(7,273,525)	(11,339,825)
20 Total Non-Operating Expenses	0	2,617,566	2,063,241
21 Net Income	\$44,912,388	27,769,727	\$5,368,837

**Sewerage and Water Board of New Orleans Operating and Maintenance Budget
2017 Sewer System Operating Revenues**

Account Description	2015 Budget	2016 Budget	2017 Budget
Sewerage Sales			
1 4002 Residential Sales	53,633,567	58,126,920	63,100,247
2 4005 Residential Multi-Family Sales	5,051,706	5,003,158	5,431,227
3 4008 Commercial Sales	36,664,737	39,605,635	42,994,285
4 4011 Industrial Sales	447,094	471,067	511,371
5 4028 Sewer Allowance	3,840	2,421	2,629
6 4132 Excess Strength Charge	40,098	675,422	733,211
7 4013 Delinquent Fee Sewer	1,008,485	939,912	1,020,331
8 Total Sewer	<u>96,849,527</u>	<u>104,824,535</u>	<u>113,793,300</u>
Revenue Sharing			
9 State Revenue Sharing	0	0	0
10 Total State Revenue Sharing Fees	<u>0</u>	<u>0</u>	<u>0</u>
Plumbing Inspection and License Fees			
11 4022 Plumbing Inspection Fees	305,441	316,266	309,795
12 4025 Plumbing License Fees	16,076	9,815	16,305
13 Total Plumbing Fees	<u>321,517</u>	<u>326,081</u>	<u>326,100</u>
Other Revenues			
14 Other Revenues	<u>288,944</u>	<u>597,321</u>	<u>597,300</u>
15 Total Other Revenues	288,944	597,321	597,300
18 Total Sewerage Other Operating Revs.	610,461	923,402	923,400
19 Total Sewerage Operating Revenues	\$ 97,459,988	\$ 105,747,937	\$ 115,647,300

**Sewerage and Water Board of New Orleans 2017 Operating Budget
Sewer System Non-Operating Revenues**

Account Description	2015 Budget	2016 Budget	2017 Budget
1 Interest Income	0	0	644,000
2 Interest Income	0	0	0
3 Excess Reserve Fund Interest	0	0	0
4 Interest Income LGIP	0	0	0
5 Interest Income Bond Premium	0	0	0
6 Interest SSRB New	0	0	0
7 Restricted Int SSRB	0	0	0
8 Restricted Int DEQ	0	0	0
9 Interest Income Sewer Sys MM	0	0	0
10 Interest Income Health Reserve	0	0	0
Total Interest Income	0	0	644,000
Other Income			
11 NSF Fees	350,944	0	0
12 Non-Operating Revenues	0	462,061	462,100
13 Reconnect/Reset Fees	0	0	0
14 Rental Income Property	0	0	0
15 Reimbursement Damage/Networks	0	0	0
16 Transfer from Revolving Fund	0	0	0
17 Administrative Fees	0	0	0
18 Retiree Drug Subsidy	0	0	0
19 Waste Disposal Fees	0	0	0
20 Citation Admin Fees	0	0	0
21 Vehicle Usage	0	0	0
22 Total Other Income	470,944	462,061	462,100
Reimbursements			
20 FEMA Expense Reimbursement	120,000	0	2,195,067
24 Total Sewerage Non-Operating Revenues	120,000	-	2,195,067
	470,944	462,061	3,301,167

2017-2026 Drainage System Projected Revenue Requirements

Line No	Description	Fiscal Year Ending December 31,										
		2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
1	Tax Revenue	53,966,300	55,045,600	56,146,500	57,269,400	58,414,800	59,583,100	60,774,800	61,990,300	63,230,100	64,494,700	
2	Other Revenue	1,343,600	1,333,100	1,338,800	1,399,200	1,384,900	1,337,400	1,274,300	1,214,300	1,152,900	1,090,800	
3	Total Operating Revenue	55,309,900	56,378,700	57,505,300	58,668,600	59,799,700	60,920,500	62,049,100	63,204,600	64,383,000	65,585,500	
4	Operation & Maintenance	(36,624,100)	(37,722,800)	(38,854,500)	(40,020,100)	(41,220,700)	(42,457,300)	(43,731,000)	(45,042,900)	(46,394,200)	(47,786,000)	
5	Non-Cash Expense Accruals	(1,079,326)	(1,100,912)	(1,122,930)	(1,145,388)	1,168,296	1,191,662	1,215,496	1,239,806	1,264,602	1,289,894	
6	Net Operating Revenue	17,606,474	17,554,988	17,527,870	17,503,112	19,747,296	19,654,862	19,533,596	19,401,506	19,253,402	19,089,394	
Debt Service												
Senior Lien Revenue Bonds												
7	Existing	(2,024,100)	(2,028,400)	(2,028,600)	(2,036,000)	(2,062,100)	(874,600)	0	0	0	0	
8	Projected	0	(3,556,500)	(8,535,500)	(12,092,000)	(17,071,000)	(17,071,000)	(17,071,000)	(17,071,000)	(17,071,000)	(17,071,000)	
9	Subtotal	(2,024,100)	(5,584,900)	(10,564,100)	(14,128,000)	(19,133,100)	(17,945,600)	(17,071,000)	(17,071,000)	(17,071,000)	(17,071,000)	
10	Gulf Opportunity Zone Act Loan	(407,600)	(407,600)	(407,600)	(407,600)	(407,600)	(407,600)	(407,600)	(407,600)	(407,600)	(203,300)	
11	SELA Capital Repayment	0	0	(1,251,900)	(3,850,800)	(3,850,800)	(8,803,000)	(8,803,000)	(8,803,000)	(8,803,000)	(8,803,000)	
12	Total Debt Service	(2,431,700)	(5,992,500)	(12,223,600)	(18,386,400)	(23,391,500)	(27,156,200)	(26,281,600)	(26,281,600)	(26,281,600)	(26,077,300)	
13	Other Non-Operating Revenue	969,156	969,156	969,156	969,156	969,156	969,156	969,156	969,156	969,156	969,156	
14	Transfer to Construction	(16,000,000)	(16,000,000)	0	0	0	0	0	0	0	0	
15	Due from (to) Other Departments	(921,000)	0	0	0	0	0	0	0	0	0	
16	Transfer to Operating Reserve Fund	(316,800)	463,600	(135,500)	(139,500)	(143,700)	(148,000)	(152,500)	(157,000)	(161,700)	(166,600)	
17	Net Annual Balance	(1,093,870)	(3,004,756)	6,137,926	(53,632)	(2,818,748)	(6,680,182)	(5,931,348)	(6,067,938)	(6,220,742)	(6,185,350)	
18	Beginning of Year Cash Balance (b)	36,274,206	35,180,336	32,175,580	38,313,506	38,259,874	35,441,126	28,760,944	22,829,596	16,761,658	10,540,916	
19	End of Year Balance	35,180,336	32,175,580	38,313,506	38,259,874	35,441,126	28,760,944	22,829,596	16,761,658	10,540,916	4,355,566	
20	Beginning of Year Cash Balance	40,936,306	39,842,436	36,837,680	42,975,606	57,579,248	54,760,500	48,080,318	42,148,970	36,081,032	29,860,290	
21	Operating Reserve Fund	0	0	0	0	0	0	0	0	0	0	
22	Net annual Balance	(1,093,870)	(3,004,756)	6,137,926	(53,632)	(2,818,748)	(6,680,182)	(5,931,348)	(6,067,938)	(6,220,742)	(6,185,350)	
23	End of Year Balance	39,842,436	36,837,680	42,975,606	42,921,974	54,760,500	48,080,318	42,148,970	36,081,032	29,860,290	23,674,940	
24	Days of O&M Cash on Hand	397	356	404	391	485	413	352	292	235	181	
25	Annual Test (c)	2666.2%	985.6%	531.5%	405.4%	305.3%	332.0%	356.0%	363.1%	370.4%	377.8%	
26	Additional Bonds Test (d)	2638.9%	520.3%	530.7%	299.6%	305.6%	349.0%	356.0%	363.1%	370.4%	377.8%	

- (b) Reflects beginning of year balance in unrestricted and undesignated cash and cash equivalents and cash and cash equivalents designated for capital projects, less operating reserve requirement.
- (c) The General Bond Resolution requires Nine-Mill Ad Valorem Tax Revenue to equal or exceed 100% of annual debt service.
- (d) The General Bond Resolution requires Nine-Mill Ad Valorem Tax Revenue to equal or exceed 133% of maximum annual debt service.

Sewerage and Water Board of New Orleans 2017 Operating Budget
Comparison 2015 Budget, 2016 Budget, 2017 Budget
(DRAINAGE)

	2015	2016	2017
	Budget	Budget	Drainage
Operating Revenues:			
1 Revenues from Charges	0	0	0
2 Other Operating Revenues	0	0	0
3 Total Operating Revenues	0	0	0
Operating Expenses:			
4 Operating & Maintenance Expenses	39,099,408	40,384,187	36,624,050
5 Depreciation and Allowances	14,722,500	16,852,213	23,370,699
6 Other Operating Expense (Non-Cash)	3,666,666	3,666,666	7,000,000
7 Total Operating Expenses	57,488,574	60,903,066	66,994,749
8 Net Operating Income	(57,488,574)	(60,903,066)	(66,994,749)
Non-Operating Revenues (Expenses):			
9 Tax Revenues	47,222,355	56,639,535	53,966,337
10 Interest Income	0	67,802	366,000
11 Other Non-Operating Revenues	701,695	969,156	979,000
12 FEMA Contracts Reimbursement	0	0	0
13 FEMA Force Accounts Reimbursement	0	0	0
14 Total Non-Operating Revenues	47,924,050	57,676,493	55,311,337
Non-Operating Expenses:			
15 Interest Expense - Series 2014 Bonds	525,418	0	334,050
16 Interest Expense - Series 2015 Bonds	0	0	0
17 Go Zone Interest Expense	255,150	0	130,300
18 Capitalized Interest	(525,418)	0	(334,050)
19 Total Non-Operating Expenses	255,150	0	130,300
20 Net Income	(9,819,674)	(3,226,573)	(11,813,711)

Sewerage and Water Board of New Orleans Operating and Maintenance Budget
2017 Drainage System Non-Operating Revenues

Account	Description	2015	2016	2017
		Budget	Budget	Budget
	Ad Valorem Taxes			
1	9 Mill Tax	20,364,000	24,338,108	23,475,190
2	3 Mill Tax	13,357,609	16,064,530	14,829,936
3	6 Mill Tax	13,500,746	16,236,897	15,661,211
4	Total Ad Valorem Tax	47,222,355	56,639,535	53,966,337
	Interest Income			
5	Interest Income Bond Premium	0	0	366,000
6	Restricted Int SELA	0	7,635	0
7	Interest Drainage O&M	0	0	0
8	Interest Drainage System 3 Mill	0	14,204	0
9	Interest Drainage System 6 Mill	0	9,915	0
10	Interest Drainage System 9 Mill	0	23,627	0
11	Interest Income DOM MM	0	9,396	0
12	Interest Income Health Reserve	0	3,025	0
13	Total Interest Income	0	67,802	366,000
	Other Income			
14	Rental Income/Property	0	3,109	0
15	Two Mill (3.65) Tax	0	2,386	0
16	Other Income	581,695	0	979,000
17	Reimbursement DPS # 6 & 11	0	853,044	0
18	Tran Revo	0	0	0
19	Administrative Fees	0	10,493	0
20	Retiree Drug Subsidy	0	79,617	0
21	Waste Disposal Fees	0	0	0
22	Legal Settlement	0	0	0
23	Citation Admin Fees	0	218	0
24	Vehicle Usage	0	20,288	0
25	Total Other Income	581,695	969,155	979,000
	Reimbursements			
26	FEMA Expense Reimbursement	120,000	0	0
		120,000	0	0
27	Total Drainage Other Operating Revenues	701,695	1,036,957	1,345,000
28	Total Drainage Non-Operating Revenues	47,924,050	57,676,492	55,311,337