

**SEWERAGE & WATER BOARD  
OF NEW ORLEANS**



**ADOPTED 2014 CAPITAL BUDGET &  
2014 – 2023 CAPITAL PROGRAM**

**Sewerage & Water Board of New Orleans**  
**2014 Adopted Capital Budget and 2014-2023 Capital Program**  
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TEN YEAR CAPITAL PROGRAM (2014 - 2023)  
SUMMARY BY DEPARTMENTS (X \$1000)

	2014	2015	2016	2017	2018	TOTAL FIVE-YEAR PROGRAM	2019	2020	2021	2022	2023	TOTAL TEN-YEAR PROGRAM
<b>WATER DEPARTMENT</b>												
Waterworks	\$96,850	\$71,450	\$66,240	\$40,357	\$31,705	\$306,602	\$39,645	\$53,620	\$148,795	\$22,920	\$21,420	\$593,002
Water Distribution	7,030	6,230	6,250	6,250	6,275	32,035	6,275	6,300	6,300	7,000	7,000	64,910
Prorata of Power Projects	69,930	280	280	280	280	71,050	280	1,030	280	280	280	73,200
Water Reserve for Emergencies	700	700	700	700	700	3,500	700	700	700	700	700	7,000
Prorata of General Budget Items	16,908	11,009	12,715	10,390	11,522	62,544	6,811	6,477	6,813	7,205	8,503	98,353
<b>TOTAL WATER DEPARTMENT</b>	<b>\$191,418</b>	<b>\$89,669</b>	<b>\$86,185</b>	<b>\$57,977</b>	<b>\$50,482</b>	<b>\$475,731</b>	<b>\$53,711</b>	<b>\$68,127</b>	<b>\$162,888</b>	<b>\$38,105</b>	<b>\$37,903</b>	<b>\$836,465</b>
<b>TOTAL WATER FUNDS AVAILABLE</b>	<b>\$203,178</b>											
<b>SEWERAGE DEPARTMENT</b>												
Sewerage System	\$49,781	\$37,403	\$44,738	\$25,572	\$43,769	\$201,263	\$37,731	\$50,088	\$62,894	\$50,113	\$44,946	\$447,035
Sewerage Treatment	6,744	6,195	7,570	4,155	3,370	28,034	500	650	7,000	300	300	36,784
Prorata of Power Projects	26,453	40	40	540	5,040	32,113	40	5,290	40	40	40	37,563
Sewer Reserve for Emergencies	700	700	700	700	700	3,500	700	700	700	700	700	7,000
Prorata of General Budget Items	12,913	7,883	8,013	6,947	7,420	43,176	5,711	5,375	5,220	5,768	7,405	72,655
<b>TOTAL SEWERAGE DEPARTMENT</b>	<b>\$96,591</b>	<b>\$52,221</b>	<b>\$61,061</b>	<b>\$37,914</b>	<b>\$60,299</b>	<b>\$308,086</b>	<b>\$44,682</b>	<b>\$62,103</b>	<b>\$75,854</b>	<b>\$56,921</b>	<b>\$53,391</b>	<b>\$601,037</b>
<b>TOTAL SEWERAGE FUNDS AVAILABLE</b>	<b>\$99,812</b>											
<b>DRAINAGE DEPARTMENT</b>												
Canals	\$279,559	\$25,470	\$18,795	\$82,140	\$147,190	\$553,154	\$5,260	\$5,260	\$5,280	\$5,330	\$5,330	\$579,614
Pumping Stations	16,273	26,270	46,692	15,768	15,616	120,619	7,274	46,335	32,816	23,626	15,850	246,520
Prorata of Power Projects	129,705	730	480	480	9,480	140,875	3,980	19,580	11,980	13,980	480	190,875
Drainage Reserve for Emergencies	700	700	700	700	700	3,500	700	700	700	700	700	7,000
Prorata of General Budget Items	9,200	6,172	7,410	5,759	6,202	34,743	4,522	4,187	4,698	5,091	6,421	59,662
<b>TOTAL DRAINAGE DEPARTMENT</b>	<b>\$435,437</b>	<b>\$59,342</b>	<b>\$74,077</b>	<b>\$104,847</b>	<b>\$179,188</b>	<b>\$852,891</b>	<b>\$21,736</b>	<b>\$76,062</b>	<b>\$55,474</b>	<b>\$48,727</b>	<b>\$28,781</b>	<b>\$1,083,671</b>
<b>TOTAL DRAINAGE FUNDS AVAILABLE</b>	<b>\$441,905</b>											
<b>TOTAL CAPITAL PROJECTS REQUESTED</b>	<b>\$723,446</b>	<b>\$201,232</b>	<b>\$221,323</b>	<b>\$200,738</b>	<b>\$289,969</b>	<b>\$1,636,708</b>	<b>\$120,129</b>	<b>\$206,292</b>	<b>\$294,216</b>	<b>\$143,753</b>	<b>\$120,075</b>	<b>\$2,521,173</b>
<b>TOTAL FUNDS AVAILABLE</b>	<b>\$744,895</b>											

NOTE: All budget components have been rounded to thousands.  
25-Nov-13

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 TEN-YEAR CAPITAL PROGRAM ALLOCATED BETWEEN  
 WATER, SEWER, AND DRAINAGE  
 POWER PROJECTS (x \$1000)

C.P.# POWER PROJECTS	2014	2015	2016	2017	2018	TOTAL FIVE-YEAR PROGRAM	2019	2020	2021	2022	2023	TOTAL TEN-YEAR PROGRAM
610 Underground Power Feeders	\$0	\$0	\$0	\$500	\$14,000	\$14,500	\$3,500	\$10,100	\$11,500	\$13,500	\$0	\$53,100
612 Furn Generators for Drainage Facilities	250	250	0	0	0	500	0	0	0	0	0	500
613 Modification of Steam System	22,245	0	0	0	0	22,245	0	15,000	0	0	0	37,245
* 624 Extension & Replacements to Electrical System	800	800	800	800	800	4,000	800	800	800	800	800	8,000
676 Hazard Mitigation Power Program	202,793	0	0	0	0	202,793	0	0	0	0	0	202,793
<b>TOTAL POWER PROJECTS</b>	<b>\$226,088</b>	<b>\$1,050</b>	<b>\$800</b>	<b>\$1,300</b>	<b>\$14,800</b>	<b>\$244,038</b>	<b>\$4,300</b>	<b>\$25,900</b>	<b>\$12,300</b>	<b>\$14,300</b>	<b>\$800</b>	<b>\$301,638</b>

\* Replacement Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 TEN-YEAR CAPITAL PROGRAM ALLOCATED BETWEEN  
 WATER, SEWER, AND DRAINAGE  
 GENERAL BUDGET ITEMS (x \$1000)

C.P.# GENERAL BUDGET ITEMS	2014	2015	2016	2017	2018	TOTAL FIVE-YEAR PROGRAM	2019	2020	2021	2022	2023	TOTAL TEN-YEAR PROGRAM
803 Propety Acquisition	100	1,100	100	100	100	1,500	100	100	100	100	100	2,000
807 Improvements to Central Yard & St. Joseph Street	9,486	1,215	182	1,341	51	12,275	0	0	0	660	990	13,925
808 Improvement to Customer Service Satellite	570	25	0	200	0	795	0	0	0	0	0	795
* 810 Major Equipment Purchases	684	594	600	646	648	3,172	669	673	745	798	738	6,795
* 811 Plant Stationary Equipment	152	50	50	60	60	372	60	60	60	60	60	672
* 812 Computer Systems Development	9,086	3,967	6,816	2,754	1,137	23,760	145	116	116	116	116	24,369
814 Re-engineering	0	0	990	0	0	990	0	0	0	0	0	990
820 Overhead Charged to Capital	10,770	10,770	10,770	10,770	10,770	53,850	10,770	10,770	10,770	10,770	10,770	107,700
823 Purchase of Water Meters	5,000	5,000	5,000	5,000	5,000	25,000	2,000	2,000	2,000	2,000	2,000	35,000
842 Revenue Department Equipment Purchases	0	0	0	0	60	60	0	0	0	0	0	60
* 843 Minor Equipment Purchases	2,100	845	2,631	1,226	6,318	13,120	2,300	1,321	1,940	2,560	6,555	27,796
862 Fire Hydrants and Related Parts	500	1,000	1,000	1,000	1,000	4,500	1,000	1,000	1,000	1,000	1,000	9,500
875 Minor Equipment Purchases (FEMA)	75	0	0	0	0	75	0	0	0	0	0	75
879 Green Infrastructure	500	500	0	0	0	1,000	0	0	0	0	0	1,000
<b>TOTAL GENERAL BUDGET ITEMS</b>	<b>\$39,023</b>	<b>\$25,066</b>	<b>\$28,139</b>	<b>\$23,097</b>	<b>\$25,144</b>	<b>\$140,469</b>	<b>\$17,044</b>	<b>\$16,040</b>	<b>\$16,731</b>	<b>\$18,064</b>	<b>\$22,329</b>	<b>\$230,677</b>

\* Replacment Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 TEN-YEAR CAPITAL PROGRAM  
 WATER DEPARTMENT (x \$1000)

C.P.#	WATERWORKS	2014	2015	2016	2017	2018	TOTAL FIVE-YEAR PROGRAM	2019	2020	2021	2022	2023	TOTAL TEN-YEAR PROGRAM
*110	Normal Extensions & Replacements	\$21,463	\$32,830	\$24,820	\$18,345	\$14,645	\$112,103	\$19,645	\$13,870	\$23,045	\$12,920	\$12,920	\$194,503
*112	Modifications to Oak St Raw Water Intake Station	0	500	0	0	0	500	0	20,000	0	0	0	20,500
*122	Sycamore and Claiborne Filter Rehabilitation	6,100	2,800	7,950	5,000	0	21,850	3,000	1,750	1,750	0	3,500	31,850
135	Improvements to Chemical System	250	3,000	100	0	0	3,350	0	0	0	0	0	3,350
156	Advanced Water Treatment (Carr.)	360	12,620	9,620	12	60	22,672	0	0	0	0	0	22,672
157	Advanced Water Treatment (Algiers)	1,900	2,700	6,750	0	0	11,350	0	1,000	9,000	0	0	21,350
158	Water Treatment Carr.	0	0	0	0	0	0	0	0	100,000	0	0	100,000
159	Water Plant Security Improvements	2,000	2,000	2,000	2,000	2,000	10,000	2,000	2,000	0	0	0	14,000
175	Water Hurricane Recovery Bonds	\$64,777	\$15,000	\$15,000	\$15,000	\$15,000	\$124,777	\$15,000	\$15,000	\$15,000	\$10,000	\$5,000	\$184,777
<b>TOTAL WATERWORKS</b>		<b>\$96,850</b>	<b>\$71,450</b>	<b>\$66,240</b>	<b>\$40,357</b>	<b>\$31,705</b>	<b>\$306,602</b>	<b>\$39,645</b>	<b>\$53,620</b>	<b>\$148,795</b>	<b>\$22,920</b>	<b>\$21,420</b>	<b>\$593,002</b>
<b>C.P.# WATER DISTRIBUTION</b>													
*214	Normal Extensions & Replacements	\$1,430	\$1,430	\$1,450	\$1,450	\$1,475	\$7,235	\$1,475	\$1,500	\$1,500	\$2,200	\$2,200	\$16,110
*216	Water System Replacement Program	1,800	1,000	1,000	1,000	1,000	5,800	1,000	1,000	1,000	1,000	1,000	10,800
221	Feeder Main Extensions-General	600	600	600	600	600	3,000	600	600	600	600	600	6,000
*239	Mains D P W Contracts	3,200	3,200	3,200	3,200	3,200	16,000	3,200	3,200	3,200	3,200	3,200	32,000
<b>TOTAL WATER DISTRIBUTION</b>		<b>\$7,030</b>	<b>\$6,230</b>	<b>\$6,250</b>	<b>\$6,250</b>	<b>\$6,275</b>	<b>\$32,035</b>	<b>\$6,275</b>	<b>\$6,300</b>	<b>\$6,300</b>	<b>\$7,000</b>	<b>\$7,000</b>	<b>\$64,910</b>
600	Water Share of Power Projects	69,930	280	280	280	280	71,050	280	1,030	280	280	280	73,200
701	Water Reserve for Emergencies	700	700	700	700	700	3,500	700	700	700	700	700	7,000
800	Water Share - General Budget Items	16,908	11,009	12,715	10,390	11,522	62,544	6,811	6,477	6,813	7,205	8,503	98,353
<b>TOTAL WATER DEPARTMENT</b>		<b>\$191,418</b>	<b>\$89,669</b>	<b>\$86,185</b>	<b>\$57,977</b>	<b>\$50,482</b>	<b>\$475,731</b>	<b>\$53,711</b>	<b>\$68,127</b>	<b>\$162,888</b>	<b>\$38,105</b>	<b>\$37,903</b>	<b>\$836,465</b>

\* Replacement Capital

Sewerage & Water Board of New Orleans  
Water Financial Plan Model  
Financing Plan

	2014	2015	2016	2017	2018	2019	2020
1 Total Sales of Water and Delinquent Fees	\$ 71,835,288	\$ 78,987,209	\$ 87,737,412	\$ 97,456,962	\$ 108,253,245	\$ 120,245,539	\$ 133,566,340
2 Plumbing & Inspection Fees	\$ 343,903	\$ 343,903	\$ 343,903	\$ 343,903	\$ 343,903	\$ 343,903	\$ 343,903
3 Other Revenue	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000
4 Additional Revenue	\$ 1,598,353	\$ 1,757,872	\$ 1,942,174	\$ 2,145,850	\$ 2,370,940	\$ 2,619,704	\$ 2,894,637
5 Total Operating Revenues	\$ 75,277,543	\$ 82,588,984	\$ 91,523,489	\$ 101,446,715	\$ 112,468,088	\$ 124,709,146	\$ 138,304,880
6 Operating and Maintenance Expense	\$ 69,945,108	\$ 74,751,709	\$ 77,498,365	\$ 80,352,625	\$ 83,318,979	\$ 86,402,113	\$ 89,606,918
7 Additional Operating and Maintenance	\$ 440,250	\$ 880,500	\$ 1,320,750	\$ 1,761,000	\$ 2,201,250	\$ 2,641,500	\$ 3,081,750
8 Operating and Maintenance Savings	\$ (1,497,292)	\$ (1,918,405)	\$ (1,982,110)	\$ (2,049,002)	\$ (2,082,974)	\$ (2,160,053)	\$ (2,240,173)
9 Total Operating and Maintenance Expense	\$ 68,888,066	\$ 73,713,804	\$ 76,837,004	\$ 80,064,623	\$ 83,437,255	\$ 86,883,560	\$ 90,448,495
10 Operating Income (Loss)	\$ 6,389,478	\$ 8,875,180	\$ 14,686,485	\$ 21,382,091	\$ 29,030,833	\$ 37,825,587	\$ 47,856,385
11 Non-Operating Revenues	\$ 219,089	\$ 219,089	\$ 219,089	\$ 219,089	\$ 219,089	\$ 219,089	\$ 219,089
12 FEMA Reimbursements							
13 Water Contract							
14 Water Force Account							
15 Net Revenues Available for Debt Service	\$ 6,608,567	\$ 9,094,269	\$ 14,905,574	\$ 21,601,180	\$ 29,249,922	\$ 38,044,676	\$ 48,075,474
16 Existing Revenue Bond Debt Service	\$ 3,919,043	\$ 3,964,043	\$ 3,893,700	\$ 3,886,615	\$ 3,877,530	\$ 3,881,750	\$ 3,872,000
17 Coverage	1.69	2.29	3.83	5.56	7.54	9.80	12.42
18 Proposed Revenue Bond Debt Service	\$ -	\$ -	\$ 5,694,905	\$ 10,513,671	\$ 15,595,279	\$ 20,852,114	\$ 26,985,089
19 Coverage	1.69	2.29	1.55	1.50	1.50	1.54	1.56
20 Existing Subordinate Debt Service	\$ 640,836	\$ 640,836	\$ 640,836	\$ 640,836	\$ 640,836	\$ 640,836	\$ 640,836
21 Coverage	1.45	1.97	1.46	1.44	1.45	1.50	1.53
22 Revenue Financed Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23 Repayment to DPW	\$ 1,750,000	\$ 1,750,000	\$ 1,750,000	\$ -	\$ -	\$ -	\$ -
24 Repayment to Claimants	\$ 716,800	\$ 716,800	\$ 436,000	\$ 436,000	\$ 436,000	\$ -	\$ -
25 Repayment to Drainage	\$ 1,424,244	\$ 1,424,244	\$ -	\$ -	\$ -	\$ -	\$ -
26 Repayment to Sewer	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27 Net Surplus / (Deficit)	\$ (1,842,356)	\$ 598,347	\$ 2,490,133	\$ 6,124,059	\$ 8,700,278	\$ 12,669,976	\$ 16,577,550
28 Beginning Cash Balance	\$ 28,830,239	\$ 26,987,883	\$ 27,586,230	\$ 30,076,363	\$ 36,200,422	\$ 44,900,700	\$ 57,570,676
29 Ending Cash Balance	\$ 26,987,883	\$ 27,586,230	\$ 30,076,363	\$ 36,200,422	\$ 44,900,700	\$ 57,570,676	\$ 74,148,226
30 Target Fund Balance (180 days of O&M)	\$ 35,192,679	\$ 37,816,104	\$ 39,409,557	\$ 41,056,813	\$ 42,760,115	\$ 44,521,806	\$ 46,344,334



Sewerage & Water Board of New Orleans  
 Water Financial Plan Model  
 CIP Financing Schedule

	2014	2015	2016	2017	2018	2019	2020
Beginning Unspent Bond Proceeds	\$ -	\$ 5,260,000	\$ 170,000	\$ 385,900	\$ 842,277	\$ 813,784	\$ (44,135,909)
Sources							
Revenue Financed Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Contributions	\$ 138,178,000	\$ 18,982,900	\$ 19,573,605	\$ 20,160,813	\$ 20,793,775	\$ 21,417,589	\$ 22,089,967
Revenue Bond Proceeds	\$ 65,000,000	\$ 55,000,000	\$ 58,000,000	\$ 60,000,000	\$ 70,000,000	\$ -	\$ -
Total Available Funds	\$ 203,178,000	\$ 79,242,900	\$ 77,743,605	\$ 80,546,713	\$ 91,636,052	\$ 22,231,372	\$ (22,045,942)
Uses							
Capital Improvement Plan	\$ 191,418,000	\$ 73,572,900	\$ 71,557,705	\$ 73,704,436	\$ 83,822,269	\$ 66,367,281	\$ 81,347,201
Bond Issuance Costs	\$ 975,000	\$ 825,000	\$ 870,000	\$ 900,000	\$ 1,050,000	\$ -	\$ -
Debt Service Reserve	\$ 5,525,000	\$ 4,675,000	\$ 4,930,000	\$ 5,100,000	\$ 5,950,000	\$ -	\$ -
Ending Unspent Bond Proceeds	\$ 5,260,000	\$ 170,000	\$ 385,900	\$ 842,277	\$ 813,784	\$ (44,135,909)	\$ (103,393,143)
Carryforward Bond Projects	\$0	\$18,269,000	\$37,004,000	\$27,531,000	\$3,538,000	\$38,774,000	\$88,401,000

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 2014 CAPITAL BUDGET REQUESTED  
 WATER DEPARTMENT (x \$1000)

C.P.#	2014 Requested	2014 Participation by Others	2014 Funded by S. & W.B.	2014 Unfunded
<b>C.P.# WATERWORKS</b>				
* 110 Normal Extensions & Replacements	\$21,463	\$0	\$21,463	\$0
* 122 Sycamore and Claiborne Filter Rehabilitation	6,100	0	6,100	0
135 Improvements to Chemical System	250	0	250	0
156 Advanced Water Treatment (Carr.)	360	0	360	0
157 Advanced Water Treatment (Algiers)	1,900	0	1,900	0
159 Water Plant Security Improvements	2,000	2,000	0	0
175 Water Hurricane Recovery Bonds	64,777	64,777	0	0
<b>TOTAL WATERWORKS</b>	<b>96,850</b>	<b>66,777</b>	<b>30,073</b>	<b>0</b>
<b>C.P.# WATER DISTRIBUTION</b>				
* 214 Normal Extensions & Replacements	1,430	1,430	0	0
* 216 Water System Replacement Program	1,800	0	1,800	0
221 Feeder Main Extensions-General	600	0	600	0
* 239 Mains D P W Contracts	3,200	0	3,200	0
<b>TOTAL WATER DISTRIBUTION</b>	<b>7,030</b>	<b>1,430</b>	<b>5,600</b>	<b>0</b>
<b>C.P.# WATER DISTRIBUTION</b>				
600 Water Share of Power Projects	69,930	69,300	630	0
701 Water Reserve for Emergencies	700	0	700	0
800 Water Share - General Budget Items	16,908	670	16,238	0
<b>TOTAL WATER DISTRIBUTION</b>	<b>87,538</b>	<b>69,970</b>	<b>17,568</b>	<b>0</b>
<b>TOTAL WATER DEPARTMENT</b>	<b>\$191,418</b>	<b>\$138,177</b>	<b>\$53,241</b>	<b>\$0</b>

\* Replacement Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 WATER DEPARTMENT (x \$1000)  
 SUPPORTING SCHEDULE OF PARTICIPATION BY OTHERS

C. P. #	PARTICIPATION BY OTHERS	2014	2015	2016	2017	2018	TOTAL FIVE-YEAR PROGRAM	2019	2020	2021	2022	2023	TOTAL TEN-YEAR PROGRAM	
159	Water Plant Security Improvements	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$10,000	\$2,000	\$2,000	\$0	\$0	\$0	\$14,000	FEMA
175	Water Hurricane Recovery Bonds	64,777	15,000	15,000	15,000	15,000	124,777	15,000	15,000	15,000	10,000	5,000	184,777	FEMA
214	Normal Extensions & Replacements (Water Distribution)	1,430	1,430	1,450	1,450	1,475	7,235	1,475	1,500	1,500	2,200	2,200	16,110	FORCE ACCT
613	Modifications to Power Generating System	350	0	0	0	0	350	0	0	0	0	0	350	C O E
676	Modifications to Power Generating System HMGP	68,950	0	0	0	0	68,950	0	0	0	0	0	68,950	FEMA
807	Improvements to Central Yard & St Joseph St	646	0	0	0	0	646	0	0	0	0	0	646	FEMA
875	Minor Equipment Purchases	25	0	0	0	0	25	0	0	0	0	0	25	FEMA
<b>TOTAL ANTICIPATED PARTICIPATION</b>		<b>\$138,178</b>	<b>\$18,430</b>	<b>\$18,450</b>	<b>\$18,450</b>	<b>\$18,475</b>	<b>\$211,983</b>	<b>\$18,475</b>	<b>\$18,500</b>	<b>\$16,500</b>	<b>\$12,200</b>	<b>\$7,200</b>	<b>\$284,858</b>	

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 WATER DEPARTMENT (x \$1000)  
 2014 CAPITAL PROGRAM BY QUARTER

C.P.# WATERWORKS	2014 TOTAL PROGRAM	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
* 110 Normal Extensions & Replacements	\$21,463	\$5,366	\$5,366	\$5,366	\$5,366
* 122 Filter Rehabilitation	6,100	1,525	1,525	1,525	1,525
135 Improvements to Chemical System	250	63	63	63	63
156 Advanced Water Treatment (Carr.)	360	90	90	90	90
157 Advanced Water Treatment (Algiers)	1,900	475	475	475	475
159 Water Plant Security Improvements	2,000	500	500	500	500
175 Water Hurricane Recovery Bonds	64,777	16,194	16,194	16,194	16,194
<b>TOTAL WATERWORKS</b>	<b>96,850</b>	<b>24,213</b>	<b>24,213</b>	<b>24,213</b>	<b>24,213</b>
<b>C.P.# WATER DISTRIBUTION</b>					
* 214 Normal Extensions & Replacements	1,430	358	358	358	358
* 216 Water System Replacement Program	1,800	450	450	450	450
221 Feeder Main Extensions-General	600	150	150	150	150
* 239 Mains In D P W Contracts	3,200	800	800	800	800
<b>TOTAL WATER DISTRIBUTION</b>	<b>7,030</b>	<b>1,758</b>	<b>1,758</b>	<b>1,758</b>	<b>1,758</b>
600 Water Share of Power Projects	69,930	17,483	17,483	17,483	17,483
701 Water Reserve for Emergencies	700	175	175	175	175
800 Water Share - General Budget Items	16,908	4,227	4,227	4,227	4,227
<b>TOTAL WATER DEPARTMENT</b>	<b>\$191,418</b>	<b>\$47,855</b>	<b>\$47,855</b>	<b>\$47,855</b>	<b>\$47,855</b>

\* Replacement Capital

**Sewerage and Water Board of New Orleans**  
**Water (w/Gen/Power) Capital Projects Prioritization 2014-23**

**Funded by Participation by Others**

<u>Capital Project #</u>	<u>Council District</u>	<u>Title</u>	<u>Description</u>	<u>Priority Score</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>Total 2014-23</u>
159-1	Citywide	Security/ Monitoring FEMA	Provide security systems at various facilities, including Water Plants and all remote facilities, both perimeter and inside the facilities. FEMA	10.00	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000				\$ 14,000,000
175-11	Citywide	Water Hurricane Recovery Bond FEMA	Water Hammer Mitigation-8 new water distribution pumps at Claiborne, Panola and Low Lift Pump Stations.	10.00	\$49,116,952										\$ 49,116,952
175-12	Citywide	Water Hurricane Recovery Bond FEMA (33/33/33 W/S/D)	Labor for Maintenance Services FEMA	10.00	\$660,500										\$ 660,500
175-13	Citywide	Networks Water System Replacement Program (Inspect, monitoring, assessment & replacement) FEMA	Replacement of water distribution system on East Bank FEMA	10.00	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000	\$ 15,000,000	\$ 10,000,000	\$ 5,000,000	\$ 135,000,000
214-1	Citywide	Networks Engineering & Inspection of Developer Installed Water Mains - Forced Accts	Water Service Line/Metering Installation Force Accts	10.00	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 1,100,000	\$ 11,000,000
214-2	Citywide	Networks Engineering & Inspection of Developer Installed Water Mains Paid by Developer	Main Extension(Water portion) Paid by Developer	10.00	\$ 330,000	\$ 330,000	\$ 350,000	\$ 350,000	\$ 375,000	\$ 375,000	\$ 400,000	\$ 400,000	\$ 1,100,000	\$ 1,100,000	\$ 5,110,000
613-17	Citywide	Modifications to the Power Generating System 60/5/35 W/S/D	Chemical conditioning control/pH adjustments to Boiler blowdown at the discharge (study)	10.00	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000
807-19	D	Improvements to Central Yard & St. Joseph Street FEMA .33/33/34 W/S/D	Central Yard: Repairs/replacement of Garage 1 & 2, Body Shop, including frame rack, paint booth, air compressor, shop equipment FEMA	10.00	\$ 645,725	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 645,725
875-1	D	Minor Equipment Purchases .(FEMA) 33/33/34 W/S/D	Central Yard: Replacement of tools (milling machine, drill presses and bits (2), saws (2), tooling equipment associated with lave, plumbing -pipe machine, dyes, welding machine) FEMA	10.00	\$ 22,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,440
875-2	D	Minor Equipment Purchases .(FEMA) 33/33/34 W/S/D	Warehouse: Replacement of hydraulic lift (FEMA)	10.00	\$ 2,310	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,310

<u>Capital Project #</u>	<u>Council District</u>	<u>Title</u>	<u>Description</u>	<u>Priority Score</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>Total 2014-23</u>
676-1	Citywide	Modifications to the Power Generating System HMGP 34/13/53 W/S/D		10.00	\$ 14,830,539	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,830,539
676-2	Citywide	Modifications to the Power Generating System HMGP 34/13/53 W/S/D	Refurbish Turbines 3, including controls upgrade (HMGP)	10.00	\$ 6,046,613	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,046,613
676-3	Citywide	Modifications to the Power Generating System HMGP 34/13/53 W/S/D	Refurbish Turbines 5, including controls upgrade (HMGP)	10.00	\$ 6,386,613	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,386,613
676-4	Citywide	Additions & Replacement to Underground Power Distribution Feeders HMGP 34/13/53 W/S/D	Design Build Contract to replace feeders 202/302, 24/224, 416, 406, SPS A to DPS 2 (HMGP)	10.00	\$ 10,342,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,342,800
676-5	Citywide	Additions & Replacement to Underground Power Distribution Feeders HMGP 34/13/53 W/S/D	OSP-02 60 hz underground feeder is linked with OSP-01 15 MW Generator (HMGP)	10.00	\$ 1,298,749	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,298,749
676-6	Citywide	Modifications to Oak St Raw Water Intake Station 34/13/53 W/S/D	Design and construction of new Oak Street Raw Water Intake and Pump Station (HMGP FEMA)	10.00	\$ 27,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27,200,000
676-7	Citywide	Modifications to the Power Generating System HMGP 34/13/53 W/S/D	Hardening of power plant including inspecting and refurbishing the overhead cranes at low lift, structural repairs to the boiler room	10.00	\$ 540,241	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 540,241
676-8	Citywide	Modifications to the Power Generating System HMGP 34/13/53 W/S/D	Rehabilitation of current above ground fuel storage tank to provide five (5) days of fuel for boilers, and turbines	10.00	\$ 1,697,558	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,697,558
676-9	Citywide	Furnishing and Installation of 20MW Load Bank for testing Generators (HMGP) 34/13/53 W/S/D	The electrical testing and power verification of retrofitted Generators #3, #4 and #5, require a stable load system capable of handling 20MW to verify generator rated capacity.	10.00	\$ 606,560	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 606,560
Total					\$ 138,177,600										

**Funded by Sewerage & Water Board of New Orleans**

820	Citywide	Overhead charged to Capital 33/33/34 W/S/D	Portion of overhead attributed to capital from operations and maintenance	10.00	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 35,900,000
810-8	Citywide	Major Equipment Purchases 33/33/34 W/S/D	Equipment needed for the Network Paving Department (Dump Trucks, Trailers, Etc.)	10.00	\$ 408,693	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 408,693
812-16	Citywide	New Development Contract Work 33/33/34 W/S/D	Software designed to aid in emergency management of incidents and to track cost. This Software is comparable to software used by the City.	10.00	\$ 8,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,400

<u>Capital Project #</u>	<u>Council District</u>	<u>Title</u>	<u>Description</u>	<u>Priority Score</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>Total 2014-23</u>
812-17	Citywide	New Development Contract Work 33/33/34 W/S/D	Software package designed to track contractor's insurance, etc. coverage and track renewals	10.00	\$ 1,667	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,667
812-19	Citywide	New Development Contract Work 33/33/34 W/S/D	GT Strud1 Structural Analysis and Design (v31) Software	10.00	\$ 4,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000
843-42	Citywide	Update Network Infrastructure	Purchase of new routers and switches beyond useful life	10.00	\$ 60,000	\$ 20,000	\$ 13,333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 93,333
110-28	Citywide	Normal Extensions & Replacements	CWPP/AWPP Storm Proofing: Improvements to facilities required to be manned for hurricanes to protect the health and welfare of employees required to work not covered by COE	10.00	\$ 300,000	\$ 300,000	\$ 400,000								\$ 1,000,000
110-39	Citywide	Normal Extensions & Replacements	Low Lift: Replace main crane. The equipment is obsolete and a safety hazard	10.00	\$ 400,000										\$ 400,000
110-50	Citywide	Normal Extensions & Replacements	Labor for Maintenance Services of miscellaneous repairs	10.00	\$ 660,000	\$ 660,000	\$ 700,000	\$ 700,000	\$ 700,000						\$ 3,420,000
157-2	C	Water Treatment Improvements - Algiers	On-site chlorine generation r modification	10.00	\$ 150,000										\$ 150,000
216-2	Citywide	Networks Water System Replacement Program (SCADA flow meters)	Water main replacement program-replacement of valves, etc. Linked with 175-13	10.00	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 10,000,000
613-9	Citywide	Modifications to the Power Generating System 33/33/34 W/S/D	Inspect/Rehabilitation of Turbine #1, install 8 transmitters tied into highlift chart readers	10.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
613-14	Citywide	Modifications to the Power Generating System 100 W	Stations A & B High Lift Pump - repair/replace steam driven pumping units and ancillary components.	10.00	\$ 350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000
701	Citywide	Water Reserve for Emergencies	Contingency	10.00	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 7,000,000
807-13	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Renovation of old warehouse	10.00	\$ -	\$ 330,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000
810-5	D	Major Equipment Purchases 33/33/34 W/S/D	Garage 1 Diagnostic equipment and upgraded every other year	10.00	\$ 1,650	\$ -	\$ 1,650	\$ -	\$ 1,815	\$ -	\$ 1,815	\$ -	\$ 1,815	\$ -	\$ 8,745
810-6	D	Major Equipment Purchases FEMA 33/33/34 W/S/D	Garage 1 Replacement of 2 hydraulic lifts	10.00	\$ 16,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,500	\$ -	\$ 33,000
812-8	Citywide	Mainframe Software (LRS) 50/50 W/S	ANNUAL license purchase of mainframe software necessary for printing / emailing from the mainframe.	10.00	\$ 17,500	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 37,500
812-15	Citywide	New Development Contract Work 33/33/34 W/S/D	Programming done for implementations of new systems and system expansions such as CAM replacement, Financial System replacement or bringing up new modules of current software.	10.00	\$ 267,000	\$ 133,000	\$ 100,000	\$ 67,000	\$ 33,000	\$ 33,000	\$ 33,000	\$ 33,000	\$ 33,000	\$ 33,000	\$ 765,000
843-17	Citywide	Mainframe UPS Battery Replacement 33/33/34 W/S/D	Replacement of UPS Batteries purchased in 2006.	10.00	\$ -	\$ -	\$ -	\$ -	\$ 2,475	\$ 2,475	\$ -	\$ -	\$ -	\$ -	\$ 4,950
843-26	Citywide	Server Expansion 33/33/34 W/S/D	Additional Server Purchases	10.00	\$ 7,300	\$ 7,300	\$ 7,300	\$ 7,300	\$ 7,300	\$ 7,300	\$ 7,300	\$ 7,300	\$ 7,300	\$ 7,300	\$ 73,000

<u>Capital Project #</u>	<u>Council District</u>	<u>Title</u>	<u>Description</u>	<u>Priority Score</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>Total 2014-23</u>
843-29	Citywide	Centralized Storage Expansion 33/33/34 W/S/D	Expansion of centralized storage of data off individual pc's onto a server-based system	10.00	\$ 6,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,600
843-33	Citywide	Personal Computers 33/33/34 W/S/D	Phased replacement of all personal computers throughout the Board	10.00	\$ 67,000	\$ 67,000	\$ 67,000	\$ 67,000	\$ 67,000	\$ 67,000	\$ 67,000	\$ 67,000	\$ 67,000	\$ 67,000	\$ 670,000
156-7	Citywide	Advanced Water Treatment at CWPP	Water Treatment Plant Master Plan	9.84	\$300,000										\$ 300,000
112-8	C	Modifications to Algiers Raw Water Intake Station	Intake spill protection at Algiers Raw Water Intake Station	9.82		\$ 500,000									\$ 500,000
812-5	Citywide	CAM Replacement 50/50 W/S	Replacement of Customer Billing system	9.78	\$ 3,000,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,250,000
812-6	Citywide	HR System Replacement 33/33/34 W/S/D	Replacement of Human Resources / Payroll system	9.78	\$ -	\$ 1,000,000	\$ 167,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,167,000
812-7	Citywide	Financial System Replacement 33/33/34 W/S/D	Replacement of Financial system (Budget, A/R, GJ, Warehouse, Fixed Assets, etc.)	9.78	\$ -	\$ -	\$ 1,000,000	\$ 334,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,334,000
812-11	Citywide	AutoCAD 33/33/34 W/S/D	Upgrade of AutoCAD and related software	9.78	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
812-18	Citywide	New Development Contract Work 33/33/34 W/S/D	Warehouse Software Appliance	9.75	\$ 8,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,250
812-20	Citywide	New Development Contract Work 33/33/34 W/S/D	Audit Software	9.75	\$ 8,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,250
812-21	Citywide	New Development Contract Work 33/33/34 W/S/D	Websence Software Appliance	9.75	\$ 8,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,250
110-40	Citywide	Normal Extensions & Replacements	Purchase parts for 16" - 30" Valves, bull gears, spreaders, valve stem, yokes, and disc	9.71	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 2,300,000
110-51	C	Normal Extensions & Replacements	Water Point Repairs	9.71	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000	\$ 50,000,000
110-52	C	Normal Extensions & Replacements	Paving Repair Contracts	9.71	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 40,000,000
156-5	Citywide	Advanced Water Treatment at CWPP	Addition of solar mixers to the storage tanks to prevent nitrifications	9.67	\$60,000	\$120,000	\$120,000	\$12,000	\$60,000						\$ 372,000



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156-6	Citywide	Advanced Water Treatment at CWPP	Structural or process improvements to address to TOC removal	9.67		\$500,000	\$5,000,000								\$ 5,500,000	
157-6	C	Water Treatment Improvements - Algiers	Addition of chlorine contact chambers to meet Long Term 1 Enhanced Surface Water Treatment Rule	9.67							\$ 1,000,000	\$ 9,000,000			\$ 10,000,000	
843-28	Citywide	Vault Server Refresh 33/33/34 W/S/D	"Refresh/Replace" Vault server	9.66	\$ -	\$ 37,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,300	\$ 36,300	\$ 109,600
112-5	Citywide	Modifications to New River Raw Water Intake Station	Rehabilitation of New River Station	9.66							\$20,000,000				\$ 20,000,000	
843-20	D	Security System Servers / software: Central Yard 33/33/34 W/S/D	Purchase of servers and software to run security cameras at Central Yard.	9.63	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
843-21	B, C	Security System Servers / software: St Joseph Street 33/33/34 W/S/D	Purchase of servers and software to run security cameras at St. Joseph Street	9.63	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000
843-22	C	Security System Servers / software:"Algiers 33/33/34 W/S/D	Purchase of servers and software to run security cameras at the Algiers Water Treatment Plant	9.63	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
843-23	Citywide	Security System Servers / software: Miscellaneous Locations 33/33/34 W/S/D	Purchase of servers and software to run security cameras at miscellaneous Board locations.	9.63	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
843-32	Citywide	Network UPS Replacement 33/33/34 W/S/D	Replacement of Uninterruptible Power Systems for the Network Devices	9.57	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 40,000
843-19	Citywide	EOC Satellite Hookup-Carrollton 33/33/34 W/S/D	Enhancement of communications during emergencies.	9.53	\$ -	\$ -	\$ -	\$ -	\$ 1,320	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,320
110-1	Citywide	Normal Extensions & Replacements-Facility Maintenance	Facility Maintenance repairs to water purification plants	9.50	\$ 500,000	\$ 500,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 5,600,000
624-1	Citywide	Normal Extensions & Replacements 35/5/60 W/S/D	Normal Extensions and Replacement to Existing Electrical Distribution, Control, and Utilization Equipment and Facilities as needed to ensure reliability and functional capability of the Power Network.	9.50	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 280,000	\$ 2,800,000
843-25	Citywide	Server Refresh 33/33/34 W/S/D	Upgrade and Replacement of all Board Servers as they reach the 5-7 year age	9.48	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 168,000
812-14	Citywide	Desktop Software 33/33/34 W/S/D	Upgrades of Office Desktop Suite to replace Office 2000 and Windows 2000 and XP.	9.46	\$ 50,000	\$ -	\$ -	\$ -	\$ 167,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 217,000

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110-18	Citywide	Normal Extensions & Replacements	Carrollton & Algiers WPP: Water Quality Masterplan	9.44	\$ 300,000										\$ 300,000	
110-15	Citywide	Normal Extensions & Replacements	Waterline leak detection	9.43	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 10,000,000	
812-9	Citywide	Windows Server Software and applicable Client Access Licenses 33/33/34 W/S/D	Upgrade of Network server software, and applicable user licenses	9.30	\$ 10,000	\$ 2,167	\$ 2,167	\$ 17,000	\$ 10,000	\$ 11,500	\$ 2,167	\$ 2,167	\$ 2,167	\$ 2,167	\$ 61,502	
843-39	Citywide	High Volume Scanners 33/33/34 W/S/D	Replacement of High Volume Scanners used for Networks and Revenue documents	9.30	\$ -	\$ 3,333	\$ -	\$ -	\$ 6,667	\$ -	\$ -	\$ -	\$ -	\$ 3,333	\$ 3,333	\$ 16,666
110-23	C	Normal Extensions & Replacements	Algiers WPP: Repair/replace ferric pump house, piping, and instrumentation	9.23					\$500,000						\$ 500,000	
110-49	Citywide	Normal Extensions & Replacements	Foresensics structural engineering services for analysis of water system facilities	9.23	\$ 33,000										\$ 33,000	
157-11	C	Water Treatment Improvements - Algiers	Structural or process improvements to address to TOC removal	9.23		\$ 500,000	\$ 5,000,000								\$ 5,500,000	
843-16	Citywide	Micre Printer (checks) 33/33/34 W/S/D	Check printer	9.19	\$ 2,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,250
110-41	Citywide	Normal Extensions & Replacements	Mobile automatic meter readers installation (linked with 823)	9.19		\$ 10,000,000	\$ 10,000,000								\$ 20,000,000	
843-11	D	New GIS Server System 33/33/34 W/S/D	Warehouse: Install scanning equipment for inventory, labeling barcodes and associated software	9.16	\$ 14,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,000
843-27	Citywide	Oracle Server Refresh 33/33/34 W/S/D	"Refresh/Replace" Oracle Database server	9.13	\$ 6,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,600	\$ -	\$ -	\$ -	\$ 13,200	
843-38	Citywide	Printers 33/33/34 W/S/D	Replacement Printers	9.13	\$ 10,000	\$ 10,667	\$ 5,334	\$ 5,334	\$ 5,334	\$ 5,334	\$ 5,334	\$ 5,334	\$ 5,334	\$ 5,334	\$ 63,339	
812-13	Citywide	Web Developer Software 33/33/34 W/S/D	Upgrades and Replacement of software used by web developer for web design and maintenance.	8.75	\$ -	\$ -	\$ -	\$ -	\$ 667	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 667	
110-4	Citywide	Normal Extensions & Replacements-Floatable Dredge	Carrollton WPP: Purchase (Rent to Own) floatable dredge to clean basins	8.73	\$ 150,000										\$ 150,000	
110-5	Citywide	Normal Extensions & Replacements- L4 Basin Repair	Carrollton WPP: Repair L4 & leak btw L4 and C5 The leak between L4 and C5 has resulted in loss of 33% of Carrollton's disinfection contact basin capacity and has made it very difficult to perform routine basin maintenance	8.73	\$ 1,500,000										\$ 1,500,000	

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110-6	Citywide	Normal Extensions & Replacements- G & C Basin Repairs	Carrollton WPP: Repair Leaks from G (G4) and C (C5/6) Basins	8.73	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$300,000	\$300,000	\$325,000	\$325,000	\$325,000	\$ 2,825,000
843-35	B	Board Room AV Renovation 33/33/34 W/S/D	Renovation, upgrade and replacement of Audio-Visual Equipment in the Board Room--microphones, cameras, encoder, etc.	8.71	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
843-14	Citywide	System Wide General Wiring 33/33/34 W/S/D	General Wiring for new data drops and special wiring runs.	8.65	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 100,000
843-24	Citywide	Security-New Badge Reading System 33/33/34 W/S/D	Replacement of Security Badge servers, software, etc.	8.64	\$ 157,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 157,000
110-42	Citywide	Normal Extensions & Replacements-Basin Repairs	Carrollton WPP: Repair L & G Basins flocculator drives (failed gearboxes)	8.60	\$ 400,000	\$ 400,000									\$ 800,000
110-17	Citywide	Normal Extensions & Replacements	Carrollton & Algiers WPP: Structural or process improvements to address TOC removal	8.58	\$ 500,000	\$ 5,000,000									\$ 5,500,000
843-30	Citywide	IP Unified Communication 33/33/34 W/S/D	Voice over IP Telephone System	8.57	\$ -	\$ -	\$ 453,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 453,000
843-31	Citywide	Rewiring (800 @ 275ea) 33/33/34 W/S/D	Data line (drops) rewiring throughout the Board	8.54	\$ -	\$ 73,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73,000
843-36	Citywide	Travel AV / Offsite AV Projectors, etc 33/33/34 W/S/D	Replacement of current and purchase of additional pc projectors and related equipment for use at scattered sites around the Board and offsite from the Board.	8.51	\$ 1,667	\$ -	\$ 1,667	\$ -	\$ -	\$ 1,667	\$ -	\$ -	\$ -	\$ -	\$ 5,001
110-14	Citywide	Normal Extensions & Replacements - CWPP Filter Backwash Recycle Pumps	Carrollton WPP-Replacement of the Filter Backwash Recycle Pumps - Contract 1345 Purchase and installation of 4 pumps for the facility. Existing pumps at or near failure. Project will not go without other participation	8.39	\$ 1,600,000										\$ 1,600,000
122-3	Citywide	Sycamore & Claiborne Filter Modifications-	Sycamore Filter Modification-Rehabilitation of Filters 19, 21, 22, 26, and 27 at the Sycamore Filter Gallery - Contract 1343 Filter media replacement, underdrain inspection and maintenance, replacement of valve, actuator, meter and loss of head instrument	8.39	\$ 1,600,000										\$ 1,600,000
812-10	Citywide	Cassworks Replacement 40/40/20 WSD	Upgrade or Replacement of Cassworks CMMS system	8.33	\$ -	\$ -	\$ 1,200,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,600,000

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812-12	Citywide	Miscellaneous Software 33/33/34 W/S/D	Unspecified software often needed "immediately" by user to complete important project.	8.25	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 33,000
843-12	Citywide	Mobile Computing-\$5,000 per truck 50/50 W/S	Purchase of laptop, retrofitting of trucks, etc.	8.22	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 1,475,000
110-13	Citywide	Normal Extensions & Replacements	Carrollton WPP: Routine repairs and modifications to the Carrollton rail system. Required for chemical delivery.	8.21	\$ 150,000		\$ 150,000		\$ 150,000						\$ 450,000
110-34	Citywide	Normal Extensions & Replacements	New River Station Install water pump casings, packing glands, bearings, and impellers for wear on all pumps	8.21	\$ 400,000	\$ 400,000	\$ 200,000								\$ 1,000,000
122-1	Citywide	Sycamore & Claiborne Filter Modifications	Rehabilitation of Claiborne Filters 1 & 5: Filter media replacement, underdrain inspection and maintenance, replacement of valve,actuator, meter and loss of head instrumentation	8.19	\$ 1,000,000	\$ 1,000,000									\$ 2,000,000
122-2	Citywide	Sycamore & Claiborne Filter Modifications	Rehabilitation of Claiborne Filters 3 & 7: Filter media replacement, underdrain inspection and maintenance, replacement of valve,actuator, meter and loss of head instrumentation	8.19	\$ 1,000,000					\$ 1,250,000				\$ 1,500,000	\$ 3,750,000
122-4	Citywide	Sycamore & Claiborne Filter Modifications	Sycamore Filter Modification-Rehabilitation of Filters 11,13,16,17,18, 25, and 28 at the Sycamore Filter Gallery - Filter media replacement, underdrain inspection and maintenance, replacement of valve,actuator, meter and loss of head instrumentation	8.19	\$ 1,500,000					\$ 1,750,000				\$ 2,000,000	\$ 5,250,000
122-5	Citywide	Sycamore & Claiborne Filter Modifications	Sycamore Filter Modification-Rehabilitation of Filters 1-10 at the Sycamore Filter Gallery - Filter media replacement, underdrain inspection and maintenance, replacement of valve,actuator, meter and loss of head instrumentation	8.19		\$ 1,500,000				\$ 1,750,000					\$ 3,250,000
122-6	Citywide	Sycamore & Claiborne Filter Modifications	Sycamore Filter Modification-Rehabilitation of Filters 12, 14, 15, 20, 23, and 24 at the Sycamore Filter Gallery - Filter media replacement, underdrain inspection and maintenance, v replacement of valve,actuator, meter and loss of head instrumentation	8.19			\$ 1,750,000				\$ 1,750,000				\$ 3,500,000
843-18	Citywide	Relocate Data Center / Info Systems to Carrollton 33/33/34 W/S/D	Relocation of the Information Systems department to Carrollton by renovating the Head House	8.18	\$ -	\$ -	\$ -	\$ -	\$ 1,667,000	\$ 333,000	\$ -	\$ -	\$ -	\$ -	\$ 2,000,000
843-37	Citywide	Plotters 33/33/34 W/S/D	Replacement Plotters	8.14	\$ 2,667	\$ -	\$ -	\$ -	\$ 4,000	\$ 4,000	\$ -	\$ -	\$ 4,000	\$ 4,000	\$ 18,667
110-3	Citywide	Normal Extensions & Replacements-Water Purification Plant Maintenance	Misc. processes and facility repairs at CWP and AWP	8.12	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,250,000	\$ 1,350,000	\$ 1,350,000	\$ 1,350,000	\$ 1,350,000	\$ 12,900,000

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110-54	Citywide	Normal Extensions & Replacements - Water Purification Plant	Replacement of 50,000 feet of 8" diameter waterline to Venetian Isle, including providing a looping of system to improve water quality	8.12					\$ 700,000	\$ 7,000,000					\$ 7,700,000
842-1	Citywide	Revenue Department Equipment Purchases 50/50 W/S	Replace Opex remittance processing and mail extraction equipment	7.89	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000
122-7	Citywide	Sycamore & Claiborne Filter Modifications	Sycamore Filter Gallery: Replace Settled Water Header Filters 1-10. The settled water header for Filters 1-10 is 100+ years old and in danger of imminent failure. This represents 23% of Carrollton's filtration capacity.	7.86	\$1,000,000										\$ 1,000,000
110-43	C	Normal Extensions & Replacements	Algiers WPP: Ground Storage tanks requires installation of mixers to minimize nitrification problems occurred during water weather months.	7.69	\$ 150,000										\$ 150,000
156-4	Citywide	Advanced Water Treatment at CWPP	Improvements to G&L Sedimentation Basins, Phase 2: Addition of plate settlers and inlet baffling to the sedimentation basins will increase the settling capacity of the basins and improve water quality. Basins are currently being operated beyond design cap	7.69		\$500,000	\$4,500,000								\$ 5,000,000
157-4	C	Water Treatment Improvements - Algiers	Eimco 2 Clarifier Repair and Painting at the Algiers Plant is in need of mechanical repairs and infrastructure modification/repairs. Blasting and painting with corrosion resistant coatings is also necessary. A functioning Eimco 2 is necessary for redundancy	7.69	\$ 1,000,000										\$ 1,000,000
157-5	C	Water Treatment Improvements - Algiers	Eimco 1 Clarifier Major Overhaul. The clarifier has extensive corrosion and is in need of a major mechanical and infrastructure overhaul.	7.69			\$ 1,750,000								\$ 1,750,000
157-7	C	Water Treatment Improvements - Algiers	Eimco 3 Clarifier Major Overhaul. The clarifier has extensive corrosion and is in need of a major mechanical and infrastructure overhaul.	7.69	\$ 250,000										\$ 250,000
157-8	C	Water Treatment Improvements - Algiers	Eimco 4 Clarifier Major Overhaul. The clarifier has extensive corrosion and is in need of a major mechanical and infrastructure overhaul.	7.69	\$ 250,000										\$ 250,000
110-26	C	Normal Extensions & Replacements	Algiers WPP: Miscellaneous repairs and modifications to the High Lift pumps	7.57	\$ 250,000	\$ 500,000									\$ 750,000
156-1	Citywide	Advanced Water Treatment at CWPP DWRLF	New Sludge Line to River at MWPP - Contract 1333: Addition sludge line to the river needed to balance the need to discharge sludge, wash down basins for maintenance, and stop recycling filter backwash. DWRLF	7.33		\$ 7,000,000									\$ 7,000,000
122-9	Citywide	Sycamore & Claiborne Filter Modifications	Sycamore Building Repairs: Repair of water pressure booster pumps, replace check valves in water lines associated with booster pumps, replacement of brackets and beams in pipe gallery, replace heaters and gas supply line, replace air dryer, air compress	7.31		\$ 300,000	\$ 1,200,000								\$ 1,500,000
239	Citywide	Networks Participation for Water Mains on DPW Paving Proj SWBNO	Networks Participation for Water Mains on DPW Paving Proj SWBNO	7.30	\$ 3,200,000	\$ 3,200,000	\$ 3,200,000	\$ 3,200,000	\$ 3,200,000	\$ 3,200,000	\$ 3,200,000	\$ 3,200,000	\$ 3,200,000	\$ 3,200,000	\$ 32,000,000
862	Citywide	Fire Hydrants and Related Parts 100 W	Replace fire hydrants	7.30	\$ 500,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 9,500,000

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613-7	Citywide	Modifications to the Power Generating System 35/5/60 W/S/D	Inspect and refurbish Turbine No. 1	7.24	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ 750,000
158-1	Citywide	Water Treatment Improvements - CWPP	Build new Water Treatment Process Train Bldg at Carrollton	7.17							\$ 100,000,000				\$ 100,000,000
843-9	Citywide	Minor Equipment Purchases 33/33/34 WSD	Customer Services: Upgrade telephone center equipment & software to symposium.	7.15	\$ 49,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 49,500
843-10	Citywide	Minor Equipment Purchases 33/33/34 W/S/D	Upgrade telephone equipment at various locations throughout SWB (DPS 13, SPS C, DPS 6, Algiers WTP, DPS 4; CWP Admin & Engineering	7.15	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
156-3	Citywide	Advanced Water Treatment at CWPP	Improvements to G&L Sedimentation Basins, Phase 1: Addition of plate settlers and inlet baffling to the sedimentation basins will increase the settling capacity of the basins and improve water quality. Basins are currently being operated beyond design cap	7.15		\$ 4,500,000									\$ 4,500,000
823	Citywide	Purchase of Water Meters 50/50 W/S	Replace or install new water meters (Linked with 110-41)	7.14	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 25,000,000
110-20	Citywide	Normal Extensions & Replacements	Carrollton WPP: Repair to existing (5) raw water valves within plant	7.11	\$ 250,000	\$ 250,000	\$ 250,000								\$ 750,000
157-9	C	Water Treatment Improvements - Algiers	Raw Water Piping Modifications. To allow for flushing of the redundant raw water piping without shutting down production in the plant	7.11		\$ 1,000,000									\$ 1,000,000
803-1	Citywide	Property Acquisition 100% W	CP H0740 Property Maintenance: St. Charles Parish site in St. Rose LA (fencing, security, grass cutting, carpentry, drainage, septic tank, cleanout, general upkeep of grounds, chemical treatment of weeds)	6.96	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 1,000,000
807-1	B, C	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Joseph: Replace 2nd floor IT air conditioning unit pumps, drive motors and controls	6.96	\$ 1,975,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,975,000
122-8	Citywide	Sycamore & Claiborne Filter Modifications	Air Scouring System -Installation of air scour equipment at the filter gallery will improve water quality and extend filter media life	6.95		\$ 5,000,000	\$ 5,000,000								\$ 10,000,000
110-45	Citywide	Normal Extensions & Replacements	Air Relief Valve Installation	6.90	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 200,000
843-7	D	Minor Equipment Purchases 33/33/34 W/S/D	Central Yard: Garage I and II, Body Shop, Old Warehouse, Inventory, Support Services (Admin Bldg), EMIS-Install pre-Katrina telecom equipment for newly repaired facilities	6.89	\$ 28,050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,050
135-6	Citywide	Improv to Chemical Handling & Feed Systems	Carrollton WPP: Provide secondary containment for the 10,000 gal ammonia storage tank	6.82	\$ 100,000	\$ 1,000,000									\$ 1,100,000
807-2		Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Josephs: Replacement of switchgear for generator hook-up.	6.72	\$ 330,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000
843-41	C	New West Bank Yard 33/33/34 W/S/D	Design and construction of new west bank yard, include land acquisition	6.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 495,000	\$ 495,000	\$ 1,815,000	\$ 2,805,000

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807-15	D	Improvements to Central Yard & St Joseph Street .33/33/34 W/S/D	Central Yard: Install security system, including cameras in Warehouse, replace card access, etc.	6.10	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
157-10	C	Water Treatment Improvements - Algiers	Repalcement of the Raw Water Pumps at Algiers River Station No. 2-The current pumps are udersized for the demand. New larger pumps will provide redundant raw water pumping capacity should the intake at Algiers Station #1 be damaged	6.09	\$ 100,000	\$ 1,000,000									\$ 1,100,000
110-33	Citywide	Normal Extensions & Replacements	Claiborne Station Complete vacuum pump replacement, install new water pressure booster pump, by-pass switches, replace/ repair all station exhaust fans	6.01											
157-3	C	Water Treatment Improvements - Algiers	Klorigen System Maintenance Refurbishment of electrolytic cells - routine maintenance	5.93		\$ 50,000									\$ 50,000
110-9	Citywide	Normal Extensions & Replacements	Carrollton WPP: Steel Tank 1 & 2 Interior Repairs Previous inspection noted extensive corrosion in the interior steel infrastructure of the six steel ground storage tanks. Repairs and corrosion resistant coatings are necessary to ensure the long term via, add new valve drains	5.87	\$250,000				\$275,000			\$0	\$275,000		\$ 800,000
110-10	Citywide	Normal Extensions & Replacements	Carrollton WPP: Steel Tank 3 & 4 Interior Repairs Previous inspection noted extensive corrosion in the interior steel infrastructure of the six steel ground storage tanks. Repairs and corrosion resistant coatings are necessary to ensure the long term viability, add new valve drains	5.87		\$250,000				\$275,000				\$275,000	\$ 800,000
110-11	Citywide	Normal Extensions & Replacements	Carrollton WPP: Steel Tank 5 & 6 Interior Repairs Previous inspection noted extensive corrosion in the interior steel infrastructure of the six steel ground storage tanks. Repairs and corrosion resistant coatings are necessary to ensure the long term viability, add new valve drains	5.87			\$250,000			\$275,000					\$ 525,000
110-22	C	Normal Extensions & Replacements	Algiers WPP: Concrete ground storage tanks are due for routine cleaning and inspection. Add new valve drains.	5.87	\$ 50,000			\$75,000				\$100,000			\$ 225,000
810-1	Citywide	Major Equipment Purchases .33/33/34 W/S/D	Vehicle replacement (large trucks, cranes, etc.) at approximately 15 equipment and 15 heavy trucks each year.	5.80	\$ 100,000	\$ 198,000	\$ 198,000	\$ 214,500	\$ 214,500	\$ 222,750	\$ 222,750	\$ 231,000	\$ 231,000	\$ 235,000	\$ 2,067,500
810-7	D	Major Equipment Purchases 33/33/34 W/S/D	Garage II Replacement of 2 heavy equipment lift for wheel alignment, front end rack	5.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,500	\$ 16,500	\$ -	\$ 33,000

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843-1	Citywide	Minor Equipment Purchases 33/33/34 W/S/D	Vehicle replacement (small trucks, cars, etc.) at 15 each year	5.80	\$ -	\$ -	\$ 132,000	\$ 132,000	\$ 148,500	\$ 148,500	\$ 156,750	\$ 156,750	\$ 156,750	\$ 165,000	\$ 1,196,250
843-5	D	Minor Equipment Purchases 33/33/34 W/S/D	Warehouse: Replace shelving	5.69	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
110-46	E	Normal Extensions & Replacements	New Orleans East Booster Station	5.64								\$10,000,000			\$ 10,000,000
110-48	Citywide	Normal Extensions & Replacements	Miscellaneous repairs to Chemical lines	5.59	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ 500,000
807-5		Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Josephs: Replace elevator controls, cable and governance of east elevator.	5.58	\$ 51,150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,150
110-53	Citywide	Normal Extensions & Replacements	Carrollton WPP: Expansion of SCADA System	5.50	\$ 500,000	\$ 500,000	\$ 500,000								\$ 1,500,000
135-7	Citywide	Improv to Chemical Handling & Feed Systems	Carrollton WPP: Replace feeders for ammonia system	5.50		\$ 100,000	\$ 100,000								\$ 200,000
216-3	Citywide	Networks Water System Replacement Program (Inspect, monitoring, assessment & replacement)	Additional insertion flow meters (50 at \$9,000 each) in distribution system, including radio and remote logger	5.50	\$ 400,000										\$ 400,000
216-4	Citywide	Networks Water System Replacement Program (Inspect, monitoring, assessment & replacement)	Participation in utility relocation of 12 inch water line under the Intracoastal for COE levee project	5.50	\$ 400,000										\$ 400,000
807-4		Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Josephs: Replace plumbing in the 18 restrooms floor by floor.	5.49	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
812-3	Citywide	Computer Systems Development 33/33/34 W/S/D	Support Services: Replace or upgrade Cyndrus vehicle management system	5.47	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000
807-11	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Replace air handler w/actuator for 2nd floor	5.41	\$ 9,240	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,240
807-12	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Secure perimeter with new chain link fence. Includes deep footing for support and security	5.41	\$ 33,000	\$ 33,000	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 99,000
808-2	A, D	Improvements to Customer Service Satellite Stations 50/50 W/S	Rental for new New Orleans East Satellite Bldg.	5.38	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 85,000



<u>Capital Project #</u>	<u>Council District</u>	<u>Title</u>	<u>Description</u>	<u>Priority Score</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>Total 2014-23</u>
807-6		Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Josephs: Replace/repair west hydraulic elevator	5.36	\$ 51,150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,150
807-7		Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Josephs: Replace window seals (Atrium is leaking.)	5.36	\$ 6,600	\$ 6,600	\$ 6,600	\$ 6,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,400
135-3	Citywide	Improv to Chemical Handling & Feed Systems	New River Intake: Demolition of abandoned Potassium Permanganate facility	5.06		\$ 200,000									\$ 200,000
843-6	D	Minor Equipment Purchases 33/33/34 W/S/D	Grounds Maintenance: Posthole driver, iron wheel for curves edges	5.03	\$ 660	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,660
110-8	Citywide	Normal Extensions & Replacements- Concrete Storage Tank	Carrollton WPP: Concrete ground storage tanks (4) are due for routine cleaning and inspection, add new valve drains	4.99	\$ 250,000	\$ -	\$ 250,000				\$ 0	\$ 300,000			\$ 800,000
812-4	Citywide	Computer Systems Development 33/33/34 W/S/D	Implementation of AVL automatic vehicle locator system	4.86	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000
110-7	Citywide	Normal Extensions & Replacements -FW Metering	Carrollton WPP: The finished water flow measuring system is inaccurate/unreliable and needs to be repaired and/or replaced	4.78	\$ 500,000	\$ 500,000									\$ 1,000,000
135-1	Citywide	Improv to Chemical Handling & Feed Systems	Carrollton WPP: Lime Slurry System Replacement	4.73		\$ 1,700,000									\$ 1,700,000
135-4	C	Improv to Chemical Handling & Feed Systems	Algiers WPP: Lime Slaker Replacement Refurbishment of the lime slaking and delivery equipment	4.73	\$ 150,000										\$ 150,000
807-14	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Install new fencing from Garage 1 to Gas Station	4.67	\$ -	\$ -	\$ 6,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,600
812-1	D	Computer Systems Development 33/33/34 W/S/D	Warehouse: Install scanning equipment for inventory, labeling barcodes and associated software	4.61	\$ 3,300	\$ 3,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,600
807-22	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Repaving of parking lot	4.53	\$ -	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
157-1	C	Water Treatment Improvements - Algiers	PLCs Purchase and Installation for Process Monitoring: The failed distributed control system at the Algiers Plant has left the operations with zero monitoring and datalogging capability, and only manual control of the water treatment operations. Purchase,	4.48	\$ 150,000	\$ 150,000									\$ 300,000

<u>Capital Project #</u>	<u>Council District</u>	<u>Title</u>	<u>Description</u>	<u>Priority Score</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>Total 2014-23</u>
110-16	Citywide	Normal Extensions & Replacements	Carrollton WPP: G3/G4 Inlet Flow Measuring Devices/ High Lift Venturi. The venturi for the 48" lines feeding the G basin passage no longer provide useable flow data. Years of corrosion/erosion has destroyed the design beyond repair. Replacement with new f	4.41		\$ 300,000									\$ 300,000
110-12	Citywide	Normal Extensions & Replacements	Carrollton WPP: Drainage Improvements in & around Chem House	4.33	\$ 200,000	\$ 200,000									\$ 400,000
110-31	Citywide	Normal Extensions & Replacements	Carrollton WPP: Conversion of gaseous chlorine to NaHOCl in filter gallery	4.29	\$ 100,000	\$ 1,000,000									\$ 1,100,000
110-25	C	Normal Extensions & Replacements	Algiers Elevated Tank Cleaning and Inspection: The tank is due for routine cleaning and inspection.	4.20			\$50,000				\$75,000				\$ 125,000
110-24	C	Normal Extensions & Replacements	Algiers WPP: Expansion of SCADA	4.08	\$150,000	\$150,000									\$ 300,000
110-2	E	Normal Extensions & Replacements-NO East Elevated Water Tank	Repair, paint and return to service the NO East Elevated Water Tank	4.07				\$ -			\$ 1,000,000				\$ 1,000,000
110-56	Citywide	Normal Extensions & Replacements	Carrollton WPP: Addition of GC Mass Spec for laboratory analyses	4.07		\$150,000									\$ 150,000
110-19	Citywide	Normal Extensions & Replacements	Carrollton WPP: Repair/Upgrade ICP/MS: CP/MS instrument needs maintenance and upgrading to be re-commissioned for use for metals analysis. Training for chemists should be included.	3.96	\$ 150,000										\$ 150,000
812-2	Citywide	Computer Systems Development 33/33/34 W/S/D	Fuel Islands: Replace existing fuel access system.	3.92	\$ -	\$ -	\$ -	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000
221	Citywide	Networks Feeder Main Extensions	(Extension of transmission mains to new areas of development or to boost pressure in current service area)	3.90	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 600,000	\$ 6,000,000
808-1	C	Improvements to Customer Service Satellite Stations 50/50 W/S	Installation of security cameras and access cards	3.75	\$ 200,000	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000
110-32	Citywide	Normal Extensions & Replacements	Carrollton WPP: Repairs to Dorr Unit office Complex: This abandoned complex could be used for housing essential personnel during emergencies as well as training facilities for operation personnel	3.52				\$ 5,000,000							\$ 5,000,000
807-17	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Fuel Island -Provide for installation of canopy and lights	3.49	\$ -	\$ -	\$ -	\$ -	\$ 16,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,500
807-18	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Fuel Island -Upgrade or replace fuel island	3.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000	\$ 330,000	\$ 660,000

<u>Capital Project #</u>	<u>Council District</u>	<u>Title</u>	<u>Description</u>	<u>Priority Score</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>Total 2014-23</u>
814	Citywide	Re-engineering .33/.33/.34	Review of organizational structure	3.00	\$ -	\$ -	\$ 330,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000
807-16	D	Improvements to Central Yard & St. Joseph Street .33/.33/.34 W/S/D	Central Yard: Replace electric gate near warehouse	2.49	\$ -	\$ -	\$ 16,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,500
		Total			\$ 53,240,994										
<b>Total Water Capital Program (including other funds)</b>					\$ 191,418,594	\$ 89,669,467	\$ 86,185,251	\$ 57,976,834	\$ 50,482,178	\$ 53,710,626	\$ 68,126,816	\$ 162,888,151	\$ 38,105,099	\$ 37,902,534	\$ 836,465,550

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 TEN-YEAR CAPITAL PROGRAM  
 SEWERAGE DEPARTMENT (x \$1000)

C.P.# SEWERAGE SYSTEM	2014	2015	2016	2017	2018	TOTAL FIVE-YEAR PROGRAM	2019	2020	2021	2022	2023	TOTAL TEN-YEAR PROGRAM
313 Ext & Replace - Sewer Force Mains EPA Consent Decree	\$6,500	\$6,500	\$6,750	\$6,750	\$12,750	\$39,250	\$2,750	\$2,750	\$2,750	\$12,750	\$13,000	\$73,250
*317 Ext & Replace - Gravity Mains EPA Consent Decree	700	7,633	17,888	5,212	17,119	48,552	11,631	23,913	46,644	23,863	18,446	173,049
*318 Rehabilitation Gravity Sewer System	7,300	6,600	6,600	6,600	6,900	34,000	6,900	6,900	7,200	7,200	7,200	69,400
*319 Extension and Replacements - Sanitary Sewer Mains Algiers	0	500	0	0	0	500	10,150	10,225	0	0	0	20,875
*326 Ext & Rep. to Pumping Stations EPA Consent Decree	3,003	5,570	8,200	1,700	1,700	20,173	1,000	1,000	1,000	1,000	1,000	25,173
*339 Mains In D P W Contracts EPA Consent Decree	5,300	5,300	5,300	5,300	5,300	26,500	5,300	5,300	5,300	5,300	5,300	53,000
340 Sewerage Hurricane Recovery Bonds (FEMA)	10,518	0	0	0	0	10,518	0	0	0	0	0	10,518
358 WWTP Normal Extensions & Replacements	0	0	0	10	0	10	0	0	0	0	0	10
368 Wetland Assimilation	4,800	3,300	0	0	0	8,100	0	0	0	0	0	8,100
375 Sewerage Hurricane Recovery Bonds	11,660	2,000	0	0	0	13,660	0	0	0	0	0	13,660
<b>TOTAL SEWERAGE SYSTEM</b>	<b>49,781</b>	<b>37,403</b>	<b>44,738</b>	<b>25,572</b>	<b>43,769</b>	<b>201,263</b>	<b>37,731</b>	<b>50,088</b>	<b>62,894</b>	<b>50,113</b>	<b>44,946</b>	<b>447,035</b>
<b>SEWERAGE TREATMENT</b>												
*348 Ext & Replace -Treatment Plants	3,270	3,425	3,280	3,920	3,125	17,020	500	0	0	300	300	18,120
381 Modification & Extension of WBSTP to 20/50 MGD	3,474	2,770	4,290	235	245	11,014	0	650	7,000	0	0	18,664
<b>TOTAL SEWERAGE TREATMENT</b>	<b>6,744</b>	<b>6,195</b>	<b>7,570</b>	<b>4,155</b>	<b>3,370</b>	<b>28,034</b>	<b>500</b>	<b>650</b>	<b>7,000</b>	<b>300</b>	<b>300</b>	<b>36,784</b>
600 Sewer Share of Power Projects	26,453	40	40	540	5,040	32,113	40	5,290	40	40	40	37,563
702 Sewer Reserve for Emergencies	700	700	700	700	700	3,500	700	700	700	700	700	7,000
800 Sewer Share of General Budget Items	12,913	7,883	8,013	6,947	7,420	43,176	5,711	5,375	5,220	5,768	7,405	72,655
<b>TOTAL SEWERAGE DEPARTMENT</b>	<b>\$96,591</b>	<b>\$52,221</b>	<b>\$61,061</b>	<b>\$37,914</b>	<b>\$60,299</b>	<b>\$308,086</b>	<b>\$44,682</b>	<b>\$62,103</b>	<b>\$75,854</b>	<b>\$56,921</b>	<b>\$53,391</b>	<b>\$601,037</b>

\* Replacement Capital



Sewerage & Water Board of New Orleans  
 Sewer Financial Plan Model  
 CIP Financing Schedule

	2014	2015	2016	2017	2018	2019	2020
Beginning Unspent Bond Proceeds	\$ -	\$ 703,879	\$ 1,225,767	\$ 125,629	\$ 396,902	\$ 704,578	\$ (19,587,049)
<b>Sources of Funds</b>							
Current Revenue Funded Capital	\$ 19,000,000	\$ 18,000,000	\$ 8,000,000	\$ 15,000,000	\$ 25,000,000	\$ 30,000,000	\$ 30,000,000
Revenue Bond Proceeds	27,000,000	33,000,000	60,000,000	28,000,000	46,000,000	-	-
Participation by Others	53,812,000	6,386,000	1,273,080	1,311,272	1,463,161	1,507,056	1,552,268
<b>Total Sources</b>	<b>\$ 99,812,000</b>	<b>\$ 58,089,879</b>	<b>\$ 70,498,847</b>	<b>\$ 44,436,901</b>	<b>\$ 72,860,063</b>	<b>\$ 32,211,635</b>	<b>\$ 11,965,219</b>
<b>Uses of Funds</b>							
Capital Improvement Program	\$ 96,591,000	\$ 53,787,630	\$ 64,779,615	\$ 41,429,651	\$ 67,867,056	\$ 51,798,684	\$ 74,154,230
Debt Issuance Costs	405,000	495,000	900,000	420,000	690,000	-	-
Revenue Bond Reserve	2,112,121	2,581,482	4,693,603	2,190,348	3,598,429	-	-
<b>Total Uses</b>	<b>\$ 99,108,121</b>	<b>\$ 56,864,112</b>	<b>\$ 70,373,218</b>	<b>\$ 44,040,000</b>	<b>\$ 72,155,485</b>	<b>\$ 51,798,684</b>	<b>\$ 74,154,230</b>
Ending Unspent Bond Proceeds	\$ 703,879	\$ 1,225,767	\$ 125,629	\$ 396,902	\$ 704,578	\$ (19,587,049)	\$ (62,189,011)
Carryforward Bond Projects	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 43,382,000	\$ 104,185,000

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 2014 CAPITAL BUDGET REQUESTED  
 SEWERAGE DEPARTMENT (x \$1000)

C.P.# SEWERAGE SYSTEM	2014 Requested	2014 Participation by Others	2014 Funded by S. & W.B.	2014 Unfunded
313 Ext & Replace - Sewer Force Mains EPA Consent Decree	\$6,500	\$0	\$6,500	\$0
*317 Ext & Replace - Gravity Mains EPA Consent Decree	700	0	700	0
*318 Rehabilitation Gravity Sewer System	7,300	1,100	6,200	0
*326 Ext & Rep. to Pumping Stations EPA Consent Decree	3,003	0	3,003	0
*339 Mains In D P W Contracts EPA Consent Decree	5,300	0	5,300	0
340 Sewerage Hurricane Recovery Bonds (FEMA)	10,518	9,518	1,000	0
368 Wetland Assimilation	4,800	4,500	300	0
375 Sewerage Hurricane Recovery Bonds	11,660	11,660	0	0
<b>TOTAL SEWERAGE SYSTEM</b>	<b>49,781</b>	<b>26,778</b>	<b>23,003</b>	<b>0</b>
<b>SEWERAGE TREATMENT</b>				
*348 Ext & Replace -Treatment Plants	3,270	0	3,270	0
381 Modification & Extension of WBSTP to 20/50 MGD	3,474	0	3,474	0
<b>TOTAL SEWAGE TREATMENT</b>	<b>6,744</b>	<b>0</b>	<b>6,744</b>	<b>0</b>
600 Sewer Share of Power Projects	26,453	26,363	90	0
702 Sewer Reserve for Emergencies	700	0	700	0
800 Sewer Share of General Budget Items	12,913	671	12,243	(1)
<b>TOTAL SEWERAGE DEPARTMENT</b>	<b>\$96,591</b>	<b>\$53,812</b>	<b>\$42,780</b>	<b>(\$1)</b>

\* Replacement Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 SEWERAGE DEPARTMENT (x \$1000)  
 SUPPORTING SCHEDULE OF PARTICIPATION BY OTHERS

C. P. # PARTICIPATION BY OTHERS	2014	2015	2016	2017	2018	TOTAL FIVE-YEAR PROGRAM	2019	2020	2021	2022	2023	TOTAL TEN-YEAR PROGRAM	
318 Rehabilitation Gravity Sewer System	\$1,100	\$1,200	\$1,200	\$1,200	\$1,300	\$6,000	\$1,300	\$1,300	\$1,400	\$1,400	\$1,400	\$12,800	Force Acct
340 Sewerage Hurricane Recovery Bonds (FEMA)	9,518	0	0	0	0	9,518	0	0	0	0	0	9,518	FEMA
368 Wetland Assimilation	4,500	3,000	0	0	0	7,500	0	0	0	0	0	7,500	Coastal Wetl:
375 Sewerage Hurricane Recovery Bonds	11,660	2,000	0	0	0	13,660	0	0	0	0	0	13,660	FEMA
676 Modifications to Power Generating System HMGP	26,363	0	0	0	0	26,363	0	0	0	0	0	26,363	FEMA
807 Improvements to Central Yard & St Joseph St	646	0	0	0	0	646	0	0	0	0	0	646	FEMA
875 Minor Equipment Purchases	25	0	0	0	0	25	0	0	0	0	0	25	FEMA
<b>TOTAL ANTICIPATED PARTICIPATION</b>	<b>\$53,812</b>	<b>\$6,200</b>	<b>\$1,200</b>	<b>\$1,200</b>	<b>\$1,300</b>	<b>\$63,712</b>	<b>\$1,300</b>	<b>\$1,300</b>	<b>\$1,400</b>	<b>\$1,400</b>	<b>\$1,400</b>	<b>\$70,512</b>	



SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 SEWERAGE DEPARTMENT (x \$1000)  
 2014 CAPITAL PROGRAMS BY QUARTER

C.P.# SEWERAGE SYSTEM	2014 TOTAL PROGRAM	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
313 Ext & Replace - Sewer Force Mains EPA Consent Decree	\$6,500	\$1,625	\$1,625	\$1,625	\$1,625
* 317 Extensions & Replacements - Gravity Mains	700	175	175	175	175
* 318 Rehabilitation Gravity Sewer System	7,300	1,825	1,825	1,825	1,825
* 326 Extensions & Replacements to Sewer Pumping Stations	3,003	751	751	751	751
* 339 Mains In D P W Contracts	5,300	1,325	1,325	1,325	1,325
340 Sewerage Hurricane Recovery Bonds (FEMA)	10,518	2,630	2,630	2,630	2,630
368 Wetland Assimilation	4,800	1,200	1,200	1,200	1,200
375 Sewerage Hurricane Recovery Bonds	11,660	2,915	2,915	2,915	2,915
<b>TOTAL SEWERAGE SYSTEM</b>	<b>49,781</b>	<b>12,445</b>	<b>12,445</b>	<b>12,445</b>	<b>12,445</b>
<b>C.P.# SEWAGE TREATMENT</b>					
* 348 Extensions & Replacements - Treatment Plants	3,270	818	818	818	818
381 Modification & Extension of WBSTP to 20/50 MGD	3,474	869	869	869	869
<b>TOTAL SEWAGE TREATMENT</b>	<b>6,744</b>	<b>1,686</b>	<b>1,686</b>	<b>1,686</b>	<b>1,686</b>
600 Sewer Share of Power Projects	26,453	6,613	6,613	6,613	6,613
702 Sewer Reserve for Emergencies	700	175	175	175	175
800 Sewer Share of General Budget Items	12,913	3,228	3,228	3,228	3,228
<b>TOTAL SEWERAGE DEPARTMENT</b>	<b>\$96,591</b>	<b>\$24,148</b>	<b>\$24,148</b>	<b>\$24,148</b>	<b>\$24,148</b>

\* Replacement Capital

Sewerage and Water Board of New Orleans

Sewerage (w/Gen/Pow) Capital Projects Prioritization 2014-23

Funded by Participation by Others

Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	TOTAL 2014-2023	
318-1	Citywide	Rehabilitation of Gravity Sewer System <u>Participation by Others</u>	Installation of new water, sewer and drain connections at scattered sites throughout Orleans Parish (sewer portion). Participation by Others - 100% paid by Customers	10.00	\$ 1,100,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 1,300,000	\$ 1,300,000	\$ 1,300,000	\$ 1,400,000	\$ 1,400,000	\$ 1,400,000	\$ 12,800,000	
340-1	A	Sewerage Hurricane Recovery Bonds FEMA	SPS Bullard Replacement-station needs to be relocated above ground FEMA HMGP	10.00	\$ 100,000										\$ 100,000	
340-2	A	Sewerage Hurricane Recovery Bonds FEMA	SPS SPS 8 Replacement-station needs to be relocated above ground FEMA HMGP	10.00	\$ 3,700,000										\$ 3,700,000	
340-3	A	Sewerage Hurricane Recovery Bonds FEMA	SPS Dodt Replacement-station needs to be relocated above ground FEMA HMGP	10.00	\$ 100,000										\$ 100,000	
340-4	A	Sewerage Hurricane Recovery Bonds FEMA	SPS Lake Forest Replacement-station needs to be relocated above ground FEMA HMGP	10.00	\$ 100,000										\$ 100,000	
340-5	A	Sewerage Hurricane Recovery Bonds FEMA	SPS Plum Orchard Replacement-station needs to be relocated above ground FEMA HMGP	10.00	\$ 100,000										\$ 100,000	
340-6	A	Sewerage Hurricane Recovery Bonds FEMA	SPS Victoria Replacement-station needs to be relocated above ground FEMA HMGP	10.00	\$ 100,000										\$ 100,000	
340-7	A	Sewerage Hurricane Recovery Bonds FEMA	SPS 6 Replacement-station needs to be relocated above ground FEMA HMGP	10.00	\$ 3,518,000										\$ 3,518,000	
340-8	A	Sewerage Hurricane Recovery Bonds FEMA	SPS Lawrence Replacement-station needs to be relocated above ground FEMA HMGP	10.00	\$ 100,000										\$ 100,000	
340-9	A	Sewerage Hurricane Recovery Bonds FEMA	SPS Burke Replacement-station needs to be relocated above ground FEMA HMGP	10.00	\$ 1,700,000										\$ 1,700,000	
368	Citywide	Wetland Assimilation (Other funding)	Wetland Assimilation (Others Grant)	10.00	\$ 4,500,000	\$ 3,000,000									\$ 7,500,000	
375-2	Citywide	Sewerage Hurricane Recovery Bonds FEMA	Labor for Maintenance Services FEMA	10.00	\$ 660,000										\$ 660,000	
375-8	Citywide	Sewerage Hurricane Recovery Bonds FEMA	Sludge Dryer at EBSTP (FEMA)	10.00	\$ 6,000,000										\$ 6,000,000	
375-19	Citywide	Sewerage Hurricane Recovery Bonds FEMA	Future Repairs related to ESSA (Emergency Sewer Service Assessment) II - FEMA	10.00	\$ 5,000,000										\$ 5,000,000	
807-19	D	Improvements to Central Yard & St. Joseph Street FEMA .33/33/34 W/S/D	Central Yard: Repairs/replacement of Garage 1 & 2, Body Shop, including frame rack, paint booth, air compressor, shop equipment FEMA	10.00	\$ 645,725	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 645,725
676-1	Citywide	Modifications to the Power Generating System HMGP 34/13/53 W/S/D		10.00	\$ 5,670,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,670,500
676-2	Citywide	Modifications to the Power Generating System HMGP 34/13/53 W/S/D	Refurbish Turbines 3, including controls upgrade (HMGP)	10.00	\$ 2,311,940	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,311,940

Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	TOTAL 2014-2023
676-3	Citywide	Modifications to the Power Generating System HMGP 34/13/53 W/S/D	Refurbish Turbines 5, including controls upgrade (HMGP)	10.00	\$ 2,441,940	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,441,940
676-4	Citywide	Additions & Replacement to Underground Power Distribution Feeders HMGP 34/13/53 W/S/D	Design Build Contract to replace feeders 202/302, 24/224, 416, 406, SPS A to DPS 2 (HMGP)	10.00	\$ 3,954,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,954,600
676-5	Citywide	Additions & Replacement to Underground Power Distribution Feeders HMGP 34/13/53 W/S/D	OSP-02 60 hz underground feeder is linked with OSP-01 15 MW Generator (HMGP)	10.00	\$ 496,581	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 496,581
676-6	Citywide	Modifications to Oak St Raw Water Intake Station 34/13/53 W/S/D	Design and construction of new Oak Street Raw Water Intake and Pump Station (HMGP FEMA)	10.00	\$ 10,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,400,000
676-7	Citywide	Modifications to the Power Generating System HMGP 34/13/53 W/S/D	Hardening of power plant including inspecting and refurbishing the overhead cranes at low lift, structural repairs to the boiler room	10.00	\$ 206,563	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 206,563
676-8	Citywide	Modifications to the Power Generating System HMGP 34/13/53 W/S/D	Rehabilitation of current above ground fuel storage tank to provide five (5) days of fuel for boilers, and turbines	10.00	\$ 649,066	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 649,066
676-9	Citywide	Furnishing and Installation of 20MW Load Bank for testing Generators (HMGP) 34/13/53 W/S/D	The electrical testing and power verification of retrofitted Generators #3, #4 and #5, require a stable load system capable of handling 20MW to verify generator rated capacity	10.00	\$ 231,920	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 231,920
875-1	Citywide	Minor Equipment Purchases (FEMA) 33/33/34 W/S/D	Central Yard: Replacement of tools (milling machine, drill presses, and bits (2), saws (2), tooling equipment)	10.00	\$ 22,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,440
875-2	Citywide	Minor Equipment Purchases (FEMA) 33/33/34 W/S/D	Warehouse: Replacement of hydraulic lift (FEMA)	10.00	\$ 2,310	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,310
375-5	A	Sewerage Hurricane Recovery Bonds FEMA	SPS 3 Replacement-station needs to be relocated and expanded above ground, tied to 800-2 land acquisition FEMA	10.00		\$ 2,000,000									\$ 2,000,000
		<b>Total</b>			\$ 53,811,585										

### Funded by Sewerage & Water Board of New Orleans

318-3	Citywide	Rehabilitation of Gravity Sewer System	Manhole to Manhole sanitary sewer main replacement at various locations throughout Orleans Parish	9.67	\$ 3,200,000	\$ 3,300,000	\$ 3,300,000	\$ 3,300,000	\$ 3,400,000	\$ 3,400,000	\$ 3,400,000	\$ 3,500,000	\$ 3,500,000	\$ 3,500,000	\$ 33,800,000
326-8	C	Networks Extensions & Repl of Sewage Pumping Stations	SPS A - Stormproof station by elevate (2) 200 hp motors above ground, linked with 326-3	9.66	\$ -	\$ 200,000	\$ 2,000,000								\$ 2,200,000
843-28	Citywide	Vault Server Refresh 33/33/34 W/S/D	"Refresh /Replace" Vault server	9.66	\$ -	\$ 36,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 36,300	\$ 36,300	\$ 108,600

<u>Capital Project #</u>	<u>Council District</u>	<u>Title</u>	<u>Description</u>	<u>Priority Score</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2014-2023</u>
843-21	Citywide	Security System Servers / software: St Joseph Street 33/33/34 W/S/D	Purchase of servers and software to run security cameras at St. Joseph Street	9.63	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000
807-13	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Renovation of old warehouse	10.00	\$ -	\$ 330,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000
807-21	D	Improvements to Central Yard & St. Joseph Street FEMA 33/33/34 W/S/D	Central Yard: Body Shop and Garage renovation by raising to safe water level Currently unfunded by FEMA	10.00	\$ -	\$ -	\$ 660,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 660,000
843-17	Citywide	Mainframe UPS Battery Replacement 33/33/34 W/S/D	Replacement of UPS Batteries purchased in 2006	10.00	\$ -	\$ -	\$ -	\$ -	\$ 2,475	\$ 2,475	\$ -	\$ -	\$ -	\$ 2,500	\$ 7,450
812-6	B	HR System Replacement 33/33/34 W/S/D	Replacement of Human Resources / Payroll system	9.78	\$ -	\$ 1,000,000	\$ 166,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,166,000
812-7	Citywide	Financial System Replacement 33/33/34 W/S/D	Replacement of Financial system (Budget, A/R, GJ, Warehouse, Fixed Assets, etc.)	9.78	\$ -	\$ -	\$ 1,000,000	\$ 333,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,333,000
317-1	Citywide	Network Extensions and Repl of Gravity/FM	SSERP Management	9.71	\$ -	\$ 630,000	\$ 1,560,000	\$ 410,000	\$ 1,493,000	\$ 1,000,000	\$ 2,000,000	\$ 4,180,000	\$ 2,100,000	\$ 1,610,000	\$ 14,983,000
326-1	Citywide	Normal Extension and Replacement of Sewer Mains in Algiers Basin	Labor for Maintenance Services Sewer Funds	10.00	\$ 660,000	\$ 660,000	\$ 700,000	\$ 700,000	\$ 700,000						\$ 3,420,000
368	Citywide	Wetland Assimilation (Other funding)	Wetland Assimilation (Others Grant)	10.00	\$ 300,000	\$ 300,000									\$ 600,000
807-5	D	Improvements to Central Yard & St. Joseph Street FEMA 33/33/34 W/S/D	St. Josephs: Replace elevator controls, cable and governance of east elevator	10.00	\$ 51,150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,150
812-8	Citywide	Mainframe Software (LRS) 50/50 W/S	ANNUAL license purchase of mainframe software necessary for printing / emailing from the mainframe	10.00	\$ 17,500	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 37,500
812-15	Citywide	New Development Contract Work 33/33/34 W/S/D	Programming done for implementations of new systems and system expansions such as CAM replacement, Financial System replacement or bringing up new modules of current software.	10.00	\$ 266,000	\$ 134,000	\$ 100,000	\$ 66,000	\$ 34,000	\$ 34,000	\$ 34,000	\$ 34,000	\$ 34,000	\$ 34,000	\$ 770,000
820	Citywide	Overhead charged to Capital 33/33/34 W/S/D	Portion of overhead attributed to capital from operations and maintenance	10.00	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 35,900,000
843-26	Citywide	Server Expansion 33/33/34 W/S/D	Additional Server Purchases	10.00	\$ 7,300	\$ 7,300	\$ 7,300	\$ 7,300	\$ 7,300	\$ 7,300	\$ 7,300	\$ 7,300	\$ 7,300	\$ 7,300	\$ 73,000
843-29	Citywide	Centralized Storage Expansion 33/33/34 W/S/D	Expansion of centralized storage of data off individual pc's onto a server-based system	10.00	\$ 6,800	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,800
843-33	Citywide	Personal Computers 33/33/34 W/S/D	Phased replacement of all personal computers throughout the Board	10.00	\$ 66,000	\$ 66,000	\$ 66,000	\$ 66,000	\$ 66,000	\$ 66,000	\$ 66,000	\$ 66,000	\$ 66,000	\$ 66,000	\$ 660,000
340-10	A	Sewer Hazard Mitigation	Engineering Services, Construction Management, and Change Order costs	10.00	\$ 1,000,000										\$ 1,000,000
702	Citywide	Sewerage Reserve for Emergencies	Contingency	10.00	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 7,000,000
812-16	Citywide	New Development Contract Work 33/33/34 W/S/D	Software designed to aid in emergency management of incidents and to track cost. This Software is comparable to software used by the City.	10.00	\$ 8,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,300

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812-17	Citywide	New Development Contract Work 33/33/34 W/S/D	Software package designed to track contractor's insurance, etc. coverage and track renewals	10.00	\$ 1,666	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,666
812-19	Citywide	New Development Contract Work 33/33/34 W/S/D	Software designed to aid analysis and design of structural engineering projects	10.00	\$ 4,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000
812-5	Citywide	CAM Replacement 50/50 W/S	Replacement of Customer Billing system	9.78	\$ 3,000,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,250,000
812-11	Citywide	AutoCAD 33/ 33/ 34 W/S/D	Upgrade of AutoCAD and related software	9.78	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
812-18	Citywide	New Development Contract Work 33/33/34 W/S/D	Warehouse Software Appliance	9.75	\$ 8,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,250
812-20	Citywide	New Development Contract Work 33/33/34 W/S/D	Audit Software	9.75	\$ 8,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,250
812-21	Citywide	New Development Contract Work 33/33/34 W/S/D	Websense Software Appliance	9.75	\$ 8,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,250
318-2	Citywide	Rehabilitation of Gravity Sewer System	Restoration of gravity sewer mains by point repair and CIPP Lining at scattered sites throughout Orleans parish.	9.67	\$ 3,000,000	\$ 2,100,000	\$ 2,100,000	\$ 2,100,000	\$ 2,200,000	\$ 2,200,000	\$ 2,200,000	\$ 2,300,000	\$ 2,300,000	\$ 2,300,000	\$ 22,800,000
326-3	B, C	Networks Extensions & Repl of Sewage Pumping Stations	Ongoing repair of 4-60 cycle pumps at SPS A , linked with 326-8	9.66	\$ 500,000	\$ 500,000	\$ 500,000								\$ 1,500,000
348-1	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Improvements to EBSTP Headworks	9.42	\$ 1,200,000										\$ 1,200,000
326-10	Citywide	Networks Extensions & Repl of Sewage Pumping Stations	Update of SCADA systems for SPSs	9.00	\$ 10,000	\$ 10,000	\$ 2,000,000								\$ 2,020,000
326-4	Citywide	Networks Extensions & Repl of Sewage Pumping Stations	Miscellaneous Repairs to SPS (Repair of water lines, discharge lines, vacuum lines, bubblers, roofs, doors, fences and storm windows, canopies, paving).	8.73	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 10,000,000
317-12	E	Network Extensions and Repl of Gravity/FM	Contract No. 3986 Lower Ninth Ward Sewer Rehabilitation No. 5	9.71		\$ 6,303,188									\$ 6,303,188
317-13	E	Network Extensions and Repl of Gravity/FM	Contract No. 3987 Lower Ninth Ward Sewer Rehabilitation No. 6 -Final Restoration Only	9.71			\$ 9,231,405								\$ 9,231,405
317-20	E	Network Extensions and Repl of Gravity/FM	Contract No. 3732 New Orleans East Sewer Rehabilitation No. 1	9.71			\$ 6,396,434								\$ 6,396,434
317-21	E	Network Extensions and Repl of Gravity/FM	Contract No. 3740 South Shore Sewer Rehabilitation Comprehensive Repairs No. 1	9.71					\$ 8,485,952						\$ 8,485,952
317-22	E	Network Extensions and Repl of Gravity/FM	Contract No. 3733 New Orleans East Sewer Rehabilitation No. 2 -Final Restoration Only	9.71					\$ 5,222,000						\$ 5,222,000
317-23	E	Network Extensions and Repl of Gravity/FM	Contract No. 3741 South Shore Sewer Rehabilitation Comprehensive Repairs No. 2	9.71						\$ 9,506,605					\$ 9,506,605
317-26	E	Network Extensions and Repl of Gravity/FM	Contract No. 3723, New Orleans East Cleaning, CCTV and Repair	9.71				\$ 4,101,760							\$ 4,101,760

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317-43	A	Network Extensions and Repl of Gravity/FM	Contract No. 3726 Mid-City Sewer Rehabilitation No. 4	9.71								\$ 8,846,491			\$ 8,846,491	
317-44	E	Network Extensions and Repl of Gravity/FM	Contract 3739 South Shore Cleaning, CCTV and Repair	9.71					\$ 1,217,722						\$ 1,217,722	
317-47	B	Network Extensions and Repl of Gravity/FM	Contract No. 3702 Carrollton Sewer Rehabilitation No. 9	9.71								\$ 10,778,439			\$ 10,778,439	
317-48	B	Network Extensions and Repl of Gravity/FM	Contract No. 3999 Carrollton Sewer Rehabilitation No. 6	9.71								\$ 10,284,138			\$ 10,284,138	
317-49	B	Network Extensions and Repl of Gravity/FM	Contract No. 3996 Carrollton Sewer Rehabilitation No. 3	9.71									\$ 16,136,241		\$ 16,136,241	
317-51	B	Network Extensions and Repl of Gravity/FM	Contact No. 3701 Carrollton Sewer Rehabilitation No. 7	9.71								\$ 12,013,803			\$ 12,013,803	
317-52	B	Network Extensions and Repl of Gravity/FM	Contact No. 3998 Carrollton Sewer Rehabilitation No. 5	9.71								\$ 8,902,541			\$ 8,902,541	
317-53	B	Network Extensions and Repl of Gravity/FM	Contact No. 3997 Carrollton Sewer Rehabilitation No. 4	9.71							\$ 12,053,932				\$ 12,053,932	
317-56	A	Network Extensions and Repl of Gravity/FM	Contract No. 3727, Mid-City Sewer Rehabilitation No. 9	9.71								\$ 12,000,827			\$ 12,000,827	
317-58	A	Network Extensions and Repl of Gravity/FM	Contract No. 3722, Mid-City CCTV and Repair	9.71							\$ 9,159,051				\$ 9,159,051	
317-60	A	Network Extensions and Repl of Gravity/FM	Contract No. 3737, Carrollton Mistletoe 18-inch Sewer Line Replacement	9.71						\$ 423,918					\$ 423,918	
843-22	Citywide	Security System Servers / software: "Algiers 33/33/34 W/S/D	Purchase of servers and software to run security cameras at the Algiers Water Treatment Plant	9.63	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
843-23	Citywide	Security System Servers / software: Miscellaneous Locations 33/33/34 W/S/D	Purchase of servers and software to run security cameras at miscellaneous Board locations	9.63	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
843-32	Citywide	Network UPS Replacement 33/33/34 W/S/D	Replacement of Uninterruptible Power Systems for the Network Devices	9.57	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 40,000
843-19	Citywide	EOC Satellite Hookup-Carrollton 33/33/34 W/S/D	Enhancement of communications during emergencies	9.53	\$ -	\$ -	\$ -	\$ -	\$ 1,320	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,320
843-20	Citywide	EOC Satellite Hookup-Carrollton 33/33/34 W/S/D	Purchase of servers and software to run security cameras at Central Yard	9.53	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
624-1	Citywide	Normal Extensions & Replacements 35/5/60 W/S/D	Normal Extensions and Replacement to Existing Electrical Distribution, Control, and Utilization Equipment and Facilities as needed to ensure reliability and functional capability of the Power Network	9.50	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 400,000
843-25	Citywide	Server Refresh 33/33/34 W/S/D	Upgrade and Replacement of all Board Servers as they reach the 5-7 year age	9.48	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 168,000
812-14	Citywide	Desktop Software 33/33/34 W/S/D	Upgrades of Office Desktop Suite to replace Office 2000 and Windows 2000 and XP.	9.46	\$ 50,000	\$ -	\$ -	\$ -	\$ 166,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 216,000
326-12	B, C	Networks Extensions & Repl of Sewage Pumping Stations	Design, engineering services and construction to permanent repair structural for SPS A.	9.32	\$ 300,000	\$ 3,000,000									\$ 3,300,000	

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812-9	Citywide	Windows Server Software and applicable Client Access Licenses 33/33/34 W/S/D	Upgrade of Network server software, and applicable user licenses	9.30	\$ 10,000	\$ 2,166	\$ 2,166	\$ 16,000	\$ 10,000	\$ 11,500	\$ 2,166	\$ 2,166	\$ 2,166	\$ 2,166	\$ 60,496
843-39	Citywide	High Volume Scanners 33/33/34 W/S/D	Replacement of High Volume Scanners used for Networks and Revenue documents	9.30	\$ -	\$ 3,334	\$ -	\$ -	\$ 6,666	\$ -	\$ -	\$ -	\$ -	\$ 3,334	\$ 13,334
843-11	Citywide	New GIS Server System 33/33/34 W/S/D	Warehouse Install scanning equipment for inventory, labeling barcodes and associated software	9.19	\$ 14,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,000
843-16	Citywide	Micre Printer (checks) 33/33/34 W/S/D	Check printer	9.19	\$ 2,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,250
843-27	Citywide	Oracle Server Refresh 33/33/34 W/S/D	"Refresh /Replace" Oracle Database server	9.13	\$ 6,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,600	\$ -	\$ -	\$ -	\$ 13,200
843-38	Citywide	Printers 33/33/34 W/S/D	Replacement Printers	9.13	\$ 10,000	\$ 10,666	\$ 5,333	\$ 5,333	\$ 5,333	\$ 5,333	\$ 5,333	\$ 5,333	\$ 5,333	\$ 5,333	\$ 63,330
810-5	Citywide	Major Equipment Purchases 33/33/34 W/S/D	Garage I Diagnostic equipment and upgraded every other year	8.80	\$ 1,650	\$ -	\$ 1,650	\$ 1,650	\$ 1,815	\$ -	\$ -	\$ 1,815	\$ 1,815	\$ -	\$ 10,395
812-13	Citywide	Web Developer Software 33/33/34 W/S/D	Upgrades and Replacement of software used by web developer for web design and maintenance	8.75	\$ -	\$ -	\$ -	\$ -	\$ 666	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 666
326-5	A	Networks Extensions & Repl of Sewage Pumping Stations	SPS Blvd X-Replace pumps	8.73	\$ 500,000										\$ 500,000
326-6	A	Networks Extensions & Repl of Sewage Pumping Stations	SPS 1 Replacement - station needs to be relocated and expanded above ground, tied to 800-2	8.73	\$ -	\$ 200,000	\$ 2,000,000								\$ 2,200,000
326-7	Citywide	Networks Extensions & Repl of Sewage Pumping Stations	Forensics Structural engineering services for analysis of sewer pump stations	8.73	\$ 33,000										\$ 33,000
803-2	A	Sewer Share of General Budget	Land Acquisition for SPS 1; tied to 327-7	8.73	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
843-35	Citywide	Board Room AV Renovation 33/33/34 W/S/D	Renovation, upgrade and replacement of Audio-Visual Equipment in the Board Room--microphones, cameras, encoder, etc	8.71	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
843-14	Citywide	System Wide General Wiring 33/33/34 W/S/D	General Wiring for new data drops and special wiring runs	8.65	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 100,000

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843-24	Citywide	Security-New Badge Reading System 33/33/34 W/S/D	Replacement of Security Badge servers, software, etc.	8.64	\$ 156,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 156,000
843-30	Citywide	IP Unified Communication 33/33/34 W/S/D	Voice over IP Telephone System	8.57	\$ -	\$ -	\$ 453,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 453,000
843-31	Citywide	Rewiring (800 @ 275ea) 33/33/34 W/S/D	Data line (drops) rewiring throughout the Board	8.54	\$ -	\$ 73,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73,000
843-36	Citywide	Travel AV / Offsite AV Projectors, etc 33/33/34	Replacement of current and purchase of additional pc projectors and related equipment for use at scattered sites	8.51	\$ 1,667	\$ -	\$ 1,666	\$ -	\$ -	\$ 1,666	\$ -	\$ -	\$ -	\$ -	\$ 4,999
812-10	Citywide	Cassworks Replacement 40/40/20 WSD	Upgrade or Replacement of Cassworks CMMMS system	8.33	\$ -	\$ -	\$ 600,000	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000
812-12	Citywide	Miscellaneous Software 33/33/34 W/S/D	Unspecified software often needed "immediately" by user to complete important project.	8.25	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 3,300	\$ 33,000
843-12	Citywide	Mobile Computing- \$5,000 per truck 50/50 W/S	Purchase of laptop, retrofitting of trucks, etc.	8.22	\$ -	\$ -	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 250,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 1,475,000
843-18	Citywide	Relocate Data Center / Info Systems to Carrollton 33/33/34 W/S/D	Relocation of the Information Systems department to Carrollton by renovating the Head House	8.18	\$ -	\$ -	\$ -	\$ -	\$ 1,666,000	\$ 333,000	\$ -	\$ -	\$ -	\$ -	\$ 1,999,000
843-37	Citywide	Plotters 33/33/34 W/S/D	Replacement Plotters	8.14	\$ 2,666	\$ -	\$ -	\$ -	\$ 4,000	\$ 4,000	\$ -	\$ -	\$ -	\$ 4,000	\$ 14,666
842-1	Citywide	Revenue Department Equipment Purchases ,50/50 W/S	Replace Opex remittance processing and mail extraction equipment	7.89	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000
610	A	Additions & Replacement to Underground Power Distribution Feeders 100% S	New 60 cycle feed from DPS 2 to A through SPS 1- includes new duct bank from 2 to A; provides reliability	7.79	\$ -	\$ -	\$ -	\$ 500,000	\$ 5,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,500,000
339	Citywide	Network Installation of Sewer Mains in DPW Paving Proj	Installation of sewer mains on DPW Paving contracts- verify payback is in another source	7.67	\$ 5,300,000	\$ 5,300,000	\$ 5,300,000	\$ 5,300,000	\$ 5,300,000	\$ 5,300,000	\$ 5,300,000	\$ 5,300,000	\$ 5,300,000	\$ 5,300,000	\$ 53,000,000
313-2	Citywide	Networks Extensions and Repl of Sewer FM	CCTV of sewer FM	7.59	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 5,000,000
313-3	D, E	Networks Extensions and Repl of Sewer FM	Replacement of large diameter forcemains	7.59	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 4,000,000	\$ 10,000,000	\$ -	\$ -	\$ -	\$ 10,000,000	\$ 10,000,000	\$ 46,000,000



<u>Capital Project #</u>	<u>Council District</u>	<u>Title</u>	<u>Description</u>	<u>Priority Score</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2014-2023</u>
348-2	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Rehabilitate OASIS Trains #1 - 4 at EBSTP	7.49	\$ 500,000	\$ 500,000	\$ 750,000	\$ 500,000	\$ 750,000						\$ 3,000,000
348-3	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Pave Access Road from Florida Ave to Plant Gate	7.49	\$ 100,000										\$ 100,000
348-4	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Electrical System Evaluation Study and Upgrades at EBSTP	7.49	\$ 150,000	\$ 1,000,000	\$ 500,000	\$ 500,000	\$ 500,000						\$ 2,650,000
348-6	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Improvements to EBSTP Headworks - Repairs automation; replace header pipe for north pump house; influent channel cleaning	7.49	\$ 200,000	\$ 450,000	\$ 300,000								\$ 950,000
348-7	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Improvements to EBSTP Return Activated Sludge	7.49	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000	\$ 300,000						\$ 1,500,000
348-9	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Install MOV on influent valves to facilitate faster opening and closing	7.49			\$ 180,000								\$ 180,000
348-10	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Improvements to Incinerator and Sludge Handling at EBSTP	7.49		\$ 200,000	\$ 200,000	\$ 845,000							\$ 1,245,000
348-12	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Final Clarifier Improvements EBSTP - line the influent line from the OASIS to clarifiers, replace drive units	7.49		\$ 550,000	\$ 550,000	\$ 550,000	\$ 550,000						\$ 2,200,000
348-13	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Rehabilitation of Oxygen Reactor Area EBSTP-LOX tank replacement	7.49	\$ 50,000										\$ 50,000
348-15	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Install new sludge receiving station to process West Bank Sludge	7.49				\$ 800,000							\$ 800,000
348-16	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Purchase spare pumps for emergencies: RAS pump, sludge pumps, schwing pumps	7.49				\$ 200,000	\$ 200,000						\$ 400,000
348-17	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Solids Processing: Demolition of Multiple Hearth at EBSTP	7.49		\$ 350,000									\$ 350,000
348-18	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Electrical upgrades-rehabilitate electrical switchgears at EBSTP	7.49	\$ 635,000										\$ 635,000
348-19	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	SCADA System Upgrades at EBSTP	7.49			\$ 150,000	\$ 150,000	\$ 150,000						\$ 450,000

<u>Capital Project #</u>	<u>Council District</u>	<u>Title</u>	<u>Description</u>	<u>Priority Score</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2014-2023</u>
348-20	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Grease processing system - install system to process and feed FOG into FBI	7.49					\$ 250,000						\$ 250,000
348-21	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Rehabilitate belt filter process	7.49					\$ 350,000						\$ 350,000
348-14a	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Conversion from gaseous Chlorine to Hypochlorite EBSTP (ned to 381-3 and 348-14b)	7.33						\$ 500,000					\$ 500,000
348-14b	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Disinfection improvements to chlorination system at EBSTP (ned to 348-14a)	7.33								\$ 300,000	\$ 300,000		\$ 600,000
381-3	C	Improvements to the WBSTP	Construction of NaHOCl tank storage system & pump delivery, eliminating storage of liquid chlorine, Contract 3606 Tied to 348-14	7.33	\$ 1,000,000										\$ 1,000,000
613-7	Citywide	Modifications to the Power Generating System 35/5/60 W/S/D	Inspect and refurbish Turbine No. 1	7.24	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,250,000	\$ -	\$ -	\$ -	\$ 5,250,000
843-9	Citywide	Minor Equipment Purchases 33/33/34 WSD	Customer Services: Upgrade telephone center equipment & software to symposium.	7.15	\$ 49,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 49,500
843-10	Citywide	Minor Equipment Purchases 33/33/34 W/S/D	Upgrade telephone equipment at various locations throughout SWBNO (DPS 13, SPS C, DPS 6, Algiers WTP, DPS 4, CWP Admin & Engineering	7.15	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
823	Citywide	Purchase of Water Meters 50/50 W/S	Replace or install new water meters	7.14	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 10,000,000
613-17	Citywide	Modifications to the Power Generating System 60/5/35 W/S/D	Chemical conditioning control/Ph adjustments to Boiler blowdown at the discharge (study)	6.97	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
348-11	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Miscellaneous capital need for EBSTP - Plant wide alarm system, painting and repairs, bracing for generator building door	6.89	\$ 135,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000						\$ 435,000
381-1	C	Improvements to the WBSTP	Westbank Sewage Treatment Plant Expansion	6.89							\$ 650,000	\$ 7,000,000			\$ 7,650,000
381-5	C	Improvements to the WBSTP	Miscellaneous Repairs at WBSTP (repairs to #2 air compressor)	6.89		\$ 100,000									\$ 100,000
381-6	C	Improvements to the WBSTP	Headworks Repair at WBSTP (grit pump replacement, install wire covers)	6.89		\$ 50,000	\$ 200,000								\$ 250,000
381-7	C	Improvements to the WBSTP	Effluent Pumps Repair at WBSTP	6.89			\$ 35,000	\$ 35,000	\$ 35,000						\$ 105,000
381-8	C	Improvements to the WBSTP	Trickling Filter Improvements at WBSTP - Main Pump Rehabilitation	6.89	\$ 120,000	\$ 120,000	\$ 120,000		\$ 125,000						\$ 485,000

<u>Capital Project #</u>	<u>Council District</u>	<u>Title</u>	<u>Description</u>	<u>Priority Score</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2014-2023</u>
381-9	C	Improvements to the WBSTP	Site Piping Improvements at WBSTP	6.89	\$ 75,000										\$ 75,000
381-10	C	Improvements to the WBSTP	Emergency Generator and Switchgear at WBSTP	6.89			\$ 985,000								\$ 985,000
381-11	C	Improvements to the WBSTP	Belt Filter Press Rehabilitation at WBSTP	6.89	\$ 2,229,000										\$ 2,229,000
381-13	C	Improvements to the WBSTP	Solids Handling Improvements at WBSTP	6.89			\$ 250,000								\$ 250,000
381-4	C	Improvements to the WBSTP	Rehabilitate clarifiers	6.89				\$ 200,000	\$ 85,000						\$ 285,000
381-14	C	Improvements to the WBSTP	Grit Pump Replacement at WBSTP	6.89	\$ 50,000										\$ 50,000
381-15	C	Improvements to the WBSTP	Stormwater Management at WBSTP	6.89		\$ 2,500,000									\$ 2,500,000
317-3	Citywide	Network Extensions and Repl of Gravity/FM	CCTV of gravity sewers	6.44	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 5,000,000
317-2	Citywide	Network Extensions and Repl of Gravity/FM	Sewer extension	6.44	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 2,000,000
807-15	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Install security system, including cameras in Warehouse, replace card access, etc.	6.10	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
810-1	Citywide	Major Equipment Purchases 33/33/34 W/S/D	Vehicle replacement (large trucks, cranes, etc.) at approximately 15 equipment and 15 heavy trucks each year	5.80	\$ 66,000	\$ 198,000	\$ 198,000	\$ 214,500	\$ 214,500	\$ 222,750	\$ 222,750	\$ 231,000	\$ 231,000	\$ 235,000	\$ 2,033,500
810-6	Citywide	Major Equipment Purchases 33/33/34 W/S/D	Garage I Replacement of 2 hydraulic lifts	5.80	\$ 16,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,500	\$ 33,000
810-7	Citywide	Major Equipment Purchases 33/33/34 W/S/D	Garage II Replacement of 2 heavy equipment lift for wheel alignment, front end rack	5.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,500	\$ 16,500	\$ -	\$ 33,000
843-1	Citywide	Minor Equipment Purchases 33/ 33/ 34 W/S/D	Vehicle replacement (small trucks, cars, etc.) at 15 each year	5.80	\$ -	\$ -	\$ 132,000	\$ 132,000	\$ 148,500	\$ 148,500	\$ 156,750	\$ 156,750	\$ 156,750	\$ 165,000	\$ 1,196,250
313-1	Citywide	Networks Extensions and Repl of Sewer FM	Condition assessment, rehab & replace of sewer force mains	5.79	\$ 2,000,000	\$ 2,000,000	\$ 2,250,000	\$ 2,250,000	\$ 2,250,000	\$ 2,250,000	\$ 2,250,000	\$ 2,250,000	\$ 2,250,000	\$ 2,500,000	\$ 22,250,000
843-5	Citywide	Minor Equipment Purchases 33/33/34 W/S/D	Warehouse: Replace shelving	5.69	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
812-3	Citywide	Computer Systems Development 33/33/34 W/S/D	Support Services: Replace or upgrade Cyndrus vehicle management system	5.47	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000
807-4	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Josephs: Replace plumbing in the 18 restrooms floor by floor	5.41	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
807-12	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Secure perimeter with new chain link fence. Includes deep footing for support and security	5.41	\$ 33,000	\$ 33,000	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 99,000

<u>Capital Project #</u>	<u>Council District</u>	<u>Title</u>	<u>Description</u>	<u>Priority Score</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2014-2023</u>
808-2	E	Improvements to Customer Service Satellite Stations 50/50 W/S	Rental for new New Orleans East Satellite Bldg	5.38	\$ 85,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 85,000
807-2	B	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Josephs: Replacement of switchgear for generator hook-up	5.36	\$ 330,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000
807-7	B	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Josephs: Replace window seals (Atrium is leaking.)	5.36	\$ 6,600	\$ 6,600	\$ 6,600	\$ 6,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,400
807-1	B	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Joseph: Replace 2nd floor IT air conditioning unit pumps, drive motors and controls	5.28	\$ 1,975,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,975,000
807-6	B	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Josephs: Replace/repair west hydraulic elevator.	5.28	\$ 51,150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,150
381-2	C	Improvements to the WBSTP	Construction of containment levee and DPS, Contract 3602.	5.17		\$ 2,700,000									\$ 2,700,000
843-6	Citywide	Minor Equipment Purchases 33/33/34 W/S/D	Grounds Maintenance Posthole driver, iron wheel for curves edges	5.03	\$ -	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
843-7	Citywide	Minor Equipment Purchases 33/33/34 W/S/D	Central Yard: Garage I and II, Body Shop, Old Warehouse, Inventory, Support Services (Admin Bldg), EMIS-Install pre-Katrina telecom equipment for newly repaired facilities	5.03	\$ 28,050	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,050
319-1	C	Normal Extension and Replacement of Sewer Mains in Algiers Basin	Installation of Emergency Disconnects at Algiers Sewer Pumping Stations	5.00		\$ 500,000									\$ 500,000
319-2	C	Normal Extension and Replacement of Sewer Mains in Algiers Basin	Design, engineering, const mgmt, const, testing, inspect and certification for the rehab of the sanitary sewer manholes and line segments within the Algiers Basin	5.00						\$ 10,150,000	\$ 10,225,000				\$ 20,375,000
348-5	Citywide	Normal Extensions and Replacements - Waste Water Treatment Plants (Eastbank)	Replace Utility water pumps and strainers	5.00			\$ 275,000								\$ 275,000
358	Citywide	WWTP Normal Extensions & Replacements	Capacity analysis and evaluation EBSTP	4.94				\$ 10,000							\$ 10,000
812-4	Citywide	Computer Systems Development 33/33/34 W/S/D	Implementation of AVL automatic vehicle locator system	4.86	\$ 660,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 660,000
807-14	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Install new fencing from Garage I to Gas Station	4.67	\$ -	\$ -	\$ 6,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,600
812-1	Citywide	Computer Systems Development 33/33/34 W/S/D	Warehouse: Install scanning equipment for inventory, labeling barcodes and associated software	4.61	\$ 3,300	\$ 3,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,600
807-22	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Repaving of parking lot	4.53	\$ -	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000

<u>Capital Project #</u>	<u>Council District</u>	<u>Title</u>	<u>Description</u>	<u>Priority Score</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>TOTAL 2014-2023</u>
843-42	Citywide	Update Network Infrastructure	Purchase of new routers and switches beyond useful life	3.98	\$ 60,000	\$ 20,000	\$ 13,333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 93,333
843-41	C	New West Bank Yard 33/33/34 W/S/D	Design and construction of new west bank yard, include land acquisition	3.98	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 495,000	\$ 1,815,000	\$ 2,310,000
812-2	Citywide	Computer Systems Development 33/33/34 W/S/D	Fuel Islands: Replace existing fuel access system	3.92	\$ -	\$ -	\$ -	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000
808-1	C	Improvements to Customer Service Satellite Stations 50/50 W/S	Installation of security cameras and access cards	3.75	\$ 200,000	\$ -	\$ -	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
807-17	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Fuel Island -Provide for installation of canopy and lights	3.49	\$ -	\$ -	\$ -	\$ -	\$ 16,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,500
807-18	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Fuel Island -Upgrade or replace fuel island	3.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000	\$ 330,000
814	Citywide	Re-Engineering 33/33/34	Review of organizational structure	3.00	\$ -	\$ -	\$ 330,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000
807-16	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Replace electric gate near warehouse	2.49	\$ -	\$ -	\$ 16,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,500
		Total			\$ 42,779,499										
		Total Sewerage Capital Program (including other funds)			\$ 96,591,084	\$ 52,221,654	\$ 61,061,087	\$ 37,914,243	\$ 60,298,848	\$ 44,681,147	\$ 62,102,982	\$ 75,853,626	\$ 56,920,340	\$ 53,391,274	\$ 601,036,286

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 TEN-YEAR CAPITAL PROGRAM  
 DRAINAGE DEPARTMENT (x \$1000)

C.P.# CANALS	2014	2015	2016	2017	2018	TOTAL FIVE-YEAR PROGRAM	2019	2020	2021	2022	2023	TOTAL TEN-YEAR PROGRAM
* 418 Normal Extensions & Replacements	\$800	\$820	\$870	\$890	\$890	\$4,270	\$960	\$960	\$980	\$1,030	\$1,030	\$9,230
439 Major Drainage Participation in D P W Projects	4,300	4,300	4,300	4,300	4,300	21,500	4,300	4,300	4,300	4,300	4,300	43,000
453 Improvements to Metairie Relief Canal (S&WB 76% Part.)	0	450	6,100	100	0	6,650	0	0	0	0	0	6,650
466 Louisiana Avenue Canal (SELA)	86,250	5,500	1,000	0	0	92,750	0	0	0	0	0	92,750
471 SELA Program Management (**)	1,500	1,500	1,500	0	0	4,500	0	0	0	0	0	4,500
472 Tchoupitoulas Corridor Drainage	0	0	250	12,000	0	12,250	0	0	0	0	0	12,250
474 Melpomene Street Canal	5	0	0	0	0	5	0	0	0	0	0	5
476 Hollygrove Canal (SELA)	5	0	0	0	0	5	0	0	0	0	0	5
478 So. Claiborne-Lowerline To Monticello St. (SELA)	3,000	300	300	0	0	3,600	0	0	0	0	0	3,600
483 Airline & Monticello Canal Improvements	0	50	475	8,400	0	8,925	0	0	0	0	0	8,925
486 Napoleon Avenue Canal Improvements (SELA)	1,700	800	450	0	0	2,950	0	0	0	0	0	2,950
492 Donner Canal Improvements (SELA)	0	0	50	1,750	89,000	90,800	0	0	0	0	0	90,800
496 General De Gaulle Canal (SELA)	100	50	3,000	54,700	53,000	110,850	0	0	0	0	0	110,850
497 Florida Avenue Canal - DPS # 19 to Peoples (SELA)	173,749	11,050	500	0	0	185,299	0	0	0	0	0	185,299
498 Dwyer Intake Canal ( St. Charles Canal to Dwyer DPS) (SELA)	50	0	0	0	0	50	0	0	0	0	0	50
499 Jefferson Avenue Canal (SELA)	8,100	650	0	0	0	8,750	0	0	0	0	0	8,750
<b>TOTAL DRAINAGE CANALS</b>	<b>\$279,559</b>	<b>\$25,470</b>	<b>\$18,795</b>	<b>\$82,140</b>	<b>\$147,190</b>	<b>\$553,154</b>	<b>\$5,260</b>	<b>\$5,260</b>	<b>\$5,280</b>	<b>\$5,330</b>	<b>\$5,330</b>	<b>\$579,614</b>

\* Replacement Capital

(\*\*) Approved by Board, as a study to act as basis for 65% federal funding of selected Drainage Capital Projects.

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 TEN-YEAR CAPITAL PROGRAM  
 DRAINAGE DEPARTMENT (x \$1000)

C.P.# PUMPING STATIONS	2014	2015	2016	2017	2018	TOTAL FIVE-YEAR PROGRAM	2019	2020	2021	2022	2023	TOTAL TEN-YEAR PROGRAM
*511 Normal Extensions & Replacements - Stations	\$15,413	\$5,070	\$24,660	\$8,940	\$4,600	\$58,683	\$4,000	\$2,700	\$2,000	\$2,000	\$2,000	\$71,383
512 Expansion of DPS #15	0	1,250	14,500	0	0	15,750	0	0	0	0	0	15,750
535 DPS # 6 Improvements	0	0	500	1,000	0	1,500	0	0	0	12,500	12,500	26,500
546 DPS #4 West - Build a 1000 CFS Station (SELA)	0	0	0	0	0	0	0	0	25,908	0	0	25,908
573 DPS # 13 Improvements (SELA)	0	1,500	0	0	0	1,500	0	33,050	0	0	0	34,550
575 Hurricane Recovery Bonds	660	10,000	0	0	0	10,660	0	0	0	0	0	10,660
576 COE Storm Proofing Projects	0	8,250	7,032	5,828	11,016	32,126	3,274	10,585	4,908	9,126	1,350	61,369
578 Permanent Pump Stations at the Lake,Elaine DPS Repairs	200	200	0	0	0	400	0	0	0	0	0	400
<b>TOTAL DRAINAGE PUMPING STATION</b>	<b>16,273</b>	<b>26,270</b>	<b>46,692</b>	<b>15,768</b>	<b>15,616</b>	<b>120,619</b>	<b>7,274</b>	<b>46,335</b>	<b>32,816</b>	<b>23,626</b>	<b>15,850</b>	<b>246,520</b>
600 Drainage Share of Power Projects	129,705	730	480	480	9,480	140,875	3,980	19,580	11,980	13,980	480	190,875
703 Drainage Reserve for Emergencies	700	700	700	700	700	3,500	700	700	700	700	700	7,000
800 Drainage Share of General Budget Items	9,200	6,172	7,410	5,759	6,202	34,743	4,522	4,187	4,698	5,091	6,421	59,662
<b>TOTAL DRAINAGE DEPARTMENT</b>	<b>\$435,437</b>	<b>\$59,342</b>	<b>\$74,077</b>	<b>\$104,847</b>	<b>\$179,188</b>	<b>\$852,891</b>	<b>\$21,736</b>	<b>\$76,062</b>	<b>\$55,474</b>	<b>\$48,727</b>	<b>\$28,781</b>	<b>\$1,083,671</b>

\* Replacement Capital

Sewerage & Water Board of New Orleans  
 Drainage Cost of Service Model  
 Drainage Financing Plan

	2014	2015	2016	2017	2018	2019	2020
1 Existing Tax Revenues							
Current 3 mill levy	\$ 12,749,000	\$ 12,876,000	\$ 13,005,000	\$ 13,135,000	\$ 13,266,000	\$ 13,399,000	\$ 13,533,000
Current 6 mill levy	\$ 12,885,000	\$ 13,014,000	\$ 13,144,000	\$ 13,275,000	\$ 13,408,000	\$ 13,542,000	\$ 13,677,000
Current 9 mill levy	\$ 19,314,000	\$ 19,507,000	\$ 19,702,000	\$ 19,899,000	\$ 20,098,000	\$ 20,299,000	\$ 20,502,000
2 Mill Levy 'Roll Forward'							
Roll Forward	\$ 1,984,000	\$ 2,004,000	\$ 2,024,000	\$ 2,044,000	\$ 2,064,000	\$ 2,085,000	\$ 2,106,000
5 Additional Drainage Fee Revenue							
Year	Revenue Increase						
2013		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2014	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2015	0.00%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2016	0.00%		\$ 35,000,000	\$ 35,000,000	\$ 35,000,000	\$ 35,000,000	\$ 35,000,000
2017	10.00%			\$ 3,354,167	\$ 3,500,000	\$ 3,500,000	\$ 3,500,000
2018	10.00%				\$ 3,689,583	\$ 3,850,000	\$ 3,850,000
2019	10.00%					\$ 4,058,542	\$ 4,235,000
2020	10.00%						\$ 4,464,396
6 Other Revenues	\$ 1,126,000	\$ 1,137,000	\$ 1,148,000	\$ 1,159,000	\$ 1,171,000	\$ 1,183,000	\$ 1,195,000
7 Total Operating Revenues	\$ 48,058,000	\$ 48,538,000	\$ 84,023,000	\$ 87,866,167	\$ 92,196,583	\$ 96,916,542	\$ 102,062,396
11 Baseline Operating and Maintenance Expense	\$ 34,265,595	\$ 35,556,107	\$ 36,898,463	\$ 38,294,873	\$ 39,747,647	\$ 41,259,202	\$ 42,832,059
12 Additional O&M Expense	\$ 1,000,000	\$ 2,000,000	\$ 4,000,000	\$ 6,000,000	\$ 8,000,000	\$ 8,300,000	\$ 8,611,250
13 Additional Permanent Pump Stations O&M Expense	\$ -	\$ -	\$ -	\$ 5,000,000	\$ 5,187,500	\$ 5,382,031	\$ 5,583,857
14 Additional West Closure O&M Expense	\$ 1,000,000	\$ 1,037,500	\$ 1,076,406	\$ 1,116,771	\$ 1,158,650	\$ 1,202,100	\$ 1,247,179
15 Total Operating and Maintenance Expense	\$ 36,265,595	\$ 38,593,607	\$ 41,974,869	\$ 50,411,644	\$ 54,093,798	\$ 56,143,333	\$ 58,274,345
16 Operating Income (Loss)	\$ 11,792,405	\$ 9,944,393	\$ 42,048,131	\$ 37,454,523	\$ 38,102,785	\$ 40,773,209	\$ 43,788,051
17 Non-operating Revenue	\$ 112,000	\$ 113,000	\$ 114,000	\$ 115,000	\$ 116,000	\$ 117,000	\$ 118,000
18 Payment from Water	\$ 1,424,244	\$ 1,424,244	\$ -	\$ -	\$ -	\$ -	\$ -
19 Net Revenue Available for Debt Service	\$ 13,328,649	\$ 11,481,637	\$ 42,162,131	\$ 37,569,523	\$ 38,218,785	\$ 40,890,209	\$ 43,906,051
20 Existing Debt Service	\$ 2,661,040	\$ 2,628,240	\$ 2,630,472	\$ 2,637,682	\$ 2,643,852	\$ 2,643,022	\$ 2,650,742
21 Coverage	5.01	4.37	16.03	14.24	14.46	15.47	16.56
22 Proposed Debt Service	\$ -	\$ -	\$ 5,519,677	\$ 9,900,373	\$ 15,069,595	\$ 18,749,380	\$ 22,341,551
23 Coverage	5.01	4.37	5.17	3.00	2.16	1.91	1.76
24 SELA Capital Repayment	\$ -	\$ -	\$ 8,300,000	\$ 8,300,000	\$ 8,300,000	\$ 8,300,000	\$ 8,300,000
25 Coverage	5.00	4.36	2.56	1.80	1.46	1.37	1.31
26 Revenue Financed Capital	\$ 9,000,000	\$ 6,000,000	\$ 23,000,000	\$ 15,000,000	\$ 12,000,000	\$ 11,000,000	\$ 10,000,000
27 Repayment to DPW	\$ 1,275,000	\$ 1,275,000	\$ 1,275,000	\$ -	\$ -	\$ -	\$ -
28 Payments to Claimants	\$ 357,600	\$ 921,000	\$ 921,000	\$ 921,000	\$ -	\$ -	\$ -
29 Net Surplus / (Deficit)	\$ 35,009	\$ 657,396	\$ 515,981	\$ 810,467	\$ 205,338	\$ 197,806	\$ 613,757
30 Beginning Cash Balance	\$ 37,348,264	\$ 37,383,273	\$ 38,040,669	\$ 38,556,650	\$ 39,367,117	\$ 39,572,455	\$ 39,770,261
31 Ending Cash Balance	\$ 37,383,273	\$ 38,040,669	\$ 38,556,650	\$ 39,367,117	\$ 39,572,455	\$ 39,770,261	\$ 40,384,019
32 Target Fund Balance (180 days of O&M)	\$ 17,632,797	\$ 18,296,804	\$ 18,987,435	\$ 22,205,822	\$ 23,046,899	\$ 23,921,666	\$ 24,831,548



Sewerage & Water Board of New Orleans  
 Drainage Cost of Service Model  
 CIP Financing Plan

	2014	2015	2016	2017	2018	2019	2020
1 Beginning Unspent Bond Proceeds	\$ -	\$ 168,000	\$ 765,980	\$ 492,850	\$ 1,074,705	\$ 633,524	\$ (13,100,748)
Sources							
2 Revenue Financed Capital	\$ 9,000,000	\$ 6,000,000	\$ 23,000,000	\$ 15,000,000	\$ 12,000,000	\$ 11,000,000	\$ 10,000,000
3 Contributions	\$ 369,905,000	\$ 10,720,240	\$ 2,215,159	\$ 62,351,003	\$ 152,337,617	\$ 463,710	\$ 477,621
4 Revenue Bond Proceeds	\$ 63,000,000	\$ 50,000,000	\$ 59,000,000	\$ 42,000,000	\$ 41,000,000	\$ -	\$ -
5 Total Available Funds	\$ 441,905,000	\$ 66,888,240	\$ 84,981,139	\$ 119,843,853	\$ 206,412,322	\$ 12,097,234	\$ (2,623,127)
Uses							
6 Capital Improvement Plan	\$ 435,437,000	\$ 61,122,260	\$ 78,588,289	\$ 114,569,148	\$ 201,678,798	\$ 25,197,981	\$ 90,822,006
7 Bond Issuance Costs	\$ 945,000	\$ 750,000	\$ 885,000	\$ 630,000	\$ 615,000	\$ -	\$ -
8 Debt Service Reserve	\$ 5,355,000	\$ 4,250,000	\$ 5,015,000	\$ 3,570,000	\$ 3,485,000	\$ -	\$ -
9 Ending Unspent Bond Proceeds	\$ 168,000	\$ 765,980	\$ 492,850	\$ 1,074,705	\$ 633,524	\$ (13,100,748)	\$ (93,445,132)
10 Carryforward Bond Projects	\$0	\$0	\$0	\$0	\$0	\$21,336,000	\$96,998,000

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 2014 CAPITAL BUDGET REQUESTED  
 DRAINAGE DEPARTMENT (x \$1000)

C.P.# CANALS	2014 Requested	2014 Participation by Others	2014 Funded by S. & W.B.
* 418 Normal Extensions & Replacements	\$800	\$300	\$500
439 Major Drainage Participation in D P W Projects	4,300	0	4,300
466 Louisiana Avenue Canal (SELA)	86,250	81,250	5,000
471 SELA Program Management (**)	1,500	0	1,500
474 Melpomene Street Canal	5	0	5
476 Hollygrove Canal (SELA)	5	0	5
478 So. Claiborne-Lowerline To Monticello St. (SELA)	3,000	0	3,000
486 Napoleon Avenue Canal Improvements (SELA)	1,700	0	1,700
496 General De Gaulle Canal (SELA)	100	0	100
497 Florida Avenue Canal - DPS # 19 to Peoples (SELA)	173,749	156,549	17,200
498 Dwyer Intake Canal ( St. Charles Canal to Dwyer DPS) (SELA)	50	0	50
499 Jefferson Avenue Canal (SELA)	8,100	0	8,100
<b>TOTAL DRAINAGE CANALS</b>	<b>\$279,559</b>	<b>\$238,099</b>	<b>\$41,460</b>

\* Replacement Capital

(\*\*) Approved by Board, as a study to act as basis for 65% federal funding of selected Drainage Capital Projects.

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 TEN-YEAR CAPITAL PROGRAM  
 DRAINAGE DEPARTMENT (x \$1000)

C.P.# PUMPING STATIONS	2014	2014	2014
	Requested	Participation by Others	Funded by S. & W.B.
*511 Normal Extensions & Replacements - Stations	\$15,413	\$1,500	\$13,913
575 Hurricane Recovery Bonds	660	660	0
578 Permanent Pump Stations at the Lake, Elaine DPS Repairs	200	0	200
<b>TOTAL DRAINAGE PUMPING STATION</b>	<b>16,273</b>	<b>2,160</b>	<b>14,113</b>
600 Drainage Share of Power Projects	129,705	128,975	730
703 Drainage Reserve for Emergencies	700	0	700
800 Drainage Share of General Budget Items	9,200	671	8,529
<b>TOTAL DRAINAGE DEPARTMENT</b>	<b>\$435,437</b>	<b>\$369,905</b>	<b>\$65,532</b>

\* Replacement Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 DRAINAGE DEPARTMENT (x \$1000)  
 SUPPORTING SCHEDULE OF PARTICIPATION BY OTHERS

C. P. #	PARTICIPATION BY OTHERS	2014	2015	2016	2017	2018	TOTAL FIVE-YEAR PROGRAM	2019	2020	2021	2022	2023	TOTAL TEN-YEAR PROGRAM	
418	Normal Extensions & Replacements	\$300	\$300	\$350	\$350	\$350	\$1,650	\$400	\$400	\$400	\$450	\$450	\$3,750	Force Acct
453	Improvements to Metairie Relief Canal (S&WB 76% Part.)	0	108	1,464	24	0	1,596	0	0	0	0	0	1,596	Jeff Parish
466	Louisiana Avenue Canal (SELA)	81,250	0	0	0	0	81,250	0	0	0	0	0	81,250	C O E & DPW
472	Tchoupitoulas Corridor	0	0	0	1,850	0	1,850	0	0	0	0	0	1,850	Dock Board
483	Airline and Monticello	0	0	114	2,016	0	2,130	0	0	0	0	0	2,130	Jeff Parish
492	Donner Canal Improvements (SELA)	0	0	0	0	82,500	82,500	0	0	0	0	0	82,500	C O E
496	General DeGaulle Canal (SELA)	0	0	0	52,500	52,500	105,000	0	0	0	0	0	105,000	C O E ; RPC
497	Florida Avenue Canal - Peoples Ave. Subbasin (SELA)	156,549	0	0	0	0	156,549	0	0	0	0	0	156,549	C O E & SW
511	Normal Extensions & Replacements - DPS	1,500	0	0	0	0	1,500	0	0	0	0	0	1,500	FEMA
535	DPS # 6 Improvements	0	0	160	320	0	480	0	0	0	4,000	4,000	8,480	Jeff Parish
546	DPS # 4 West - Build a 1000 CSF Station (SELA)	0	0	0	0	0	0	0	0	20,726	0	0	20,726	C O E
575	Hurricane Recovery Bonds	660	10,000	0	0	0	10,660	0	0	0	0	0	10,660	FEMA
613	Modifications to Power Generating System	21,495	0	0	0	0	21,495	0	0	0	0	0	21,495	C O E
676	Modifications to Power Generating System HMGP	107,480	0	0	0	0	107,480	0	0	0	0	0	107,480	FEMA
807	Improvements to Central Yard & St Joseph St	646	0	0	0	0	646	0	0	0	0	0	646	FEMA
875	Minor Equipment Purchases	25	0	0	0	0	25	0	0	0	0	0	25	FEMA
<b>TOTAL ANTICIPATED PARTICIPATION</b>		<b>\$369,905</b>	<b>\$10,408</b>	<b>\$2,088</b>	<b>\$57,060</b>	<b>\$135,350</b>	<b>\$574,811</b>	<b>\$400</b>	<b>\$400</b>	<b>\$21,126</b>	<b>\$4,450</b>	<b>\$4,450</b>	<b>\$605,637</b>	

SEWERAGE AND WATER BOARD OF NEW ORLEANS  
 DRAINAGE DEPARTMENT (x \$1000)  
 2014 CAPITAL PROGRAM BY QUARTER

	2014 TOTAL PROGRAM	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
<b>C.P.# DRAINAGE CANALS</b>					
* 418 Normal Extensions & Replacements	\$800	\$200	\$200	\$200	\$200
439 Major Drainage Participation in D P W Projects	4,300	1,075	1,075	1,075	1,075
466 Louisiana Avenue Canal (SELA)	86,250	21,563	21,563	21,563	21,563
471 SELA Program Management (**)	1,500	375	375	375	375
474 Melpomene Street Canal	5	1	1	1	1
476 Hollygrove Canal (SELA)	5	1	1	1	1
478 So. Claiborne-Lowerline To Monticello St. (SELA)	3,000	750	750	750	750
486 Napoleon Avenue Canal Improvements (SELA)	1,700	425	425	425	425
496 General De Gaulle Canal (SELA)	100	25	25	25	25
497 Florida Avenue Canal - DPS # 19 to Peoples (SELA)	173,749	43,437	43,437	43,437	43,437
498 Dwyer Intake Canal ( St. Charles Canal to Dwyer DPS) (SELA)	50	13	13	13	13
499 Jefferson Avenue Canal (SELA)	8,100	2,025	2,025	2,025	2,025
<b>C.P.# DRAINAGE PUMPING STATIONS</b>	279,559	69,890	69,890	69,890	69,890
*511 Normal Extensions & Replacements - Stations	15,413	3,853	3,853	3,853	3,853
575 Hurricane Recovery Bonds	660	165	165	165	165
578 Permanent Pump Stations at the Lake, Elaine DPS Repairs	200	50	50	50	50
	16,273	4,068	4,068	4,068	4,068
600 Drainage Share of Power Projects	129,705	32,426	32,426	32,426	32,426
703 Drainage Reserve for Emergencies	700	175	175	175	175
800 Drainage Share of General Budget Items	9,200	2,300	2,300	2,300	2,300
<b>TOTAL DRAINAGE DEPARTMENT</b>	<b>\$435,437</b>	<b>\$108,859</b>	<b>\$108,859</b>	<b>\$108,859</b>	<b>\$108,859</b>

\* Replacement Capital

Sewerage and Water Board of New Orleans

Drainage (w/Gen/Pow) Capital Projects Prioritization 2014-23

Funded by Participation by Others

Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total 2014-2023	
418-2	Citywide	Normal Extensions & Repairs of Canals	Force account work that will be funded 100% via participation by others (developers, property owners, etc)	10.00	\$ 300,000	\$ 300,000	\$ 350,000	\$ 350,000	\$ 350,000	\$ 400,000	\$ 400,000	\$ 400,000	\$ 450,000	\$ 450,000	\$ 3,750,000	
511-1	D	Normal Extensions & Replacement-DPS FEMA	Station "D" rollup door and foundation (FEMA)	10.00	\$ 1,500,000										\$ 1,500,000	
575-1	Citywide	Water Hurricane Recovery Bond FEMA (33/33/33 W/S/D)	Labor for Maintenance Services FEMA	10.00	\$660,000										\$ 660,000	
575-2	Citywide	Water Hurricane Recovery Bond FEMA (33/33/33 W/S/D)		10.00		\$10,000,000									\$ 10,000,000	
613-1	Citywide	Modifications to the Power Generating System FEMA, 100% D	Contract 1350-Rehab/replace Turbine #4 Steam Path, condenser, Rotor (This 20 Megawatt unit is currently available for emergency use with a reduced capacity of 8,000 KW); install 8 transmitters tied into highlift chart readers; update governor control system	10.00	\$ 700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000
613-2	Citywide	Modifications to the Power Generating System 100% D FEMA	Contract 1354 - Rehab of Boilers 1 and 3, Duct and Elevators (FEMA)	10.00	\$ 13,613,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 13,613,000
613-6	Citywide	Modifications to the Power Generating System 100% D HMGP	Hardening of power plant including inspecting and refurbishing the overhead cranes at low lift, structural repairs to the boiler room	10.00	\$ 1,588,943	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,588,943
613-8	Citywide	Modifications to the Power Generating System 100% D HMGP	Rehabilitation of current above ground fuel storage tank to provide seven (7) days of fuel for boilers, and turbines	10.00	\$ 4,992,818	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,992,818
807-19	D	Improvements to Central Yard & St. Joseph Street FEMA .33/33/34 W/S/D	Central Yard: Repairs/replacement of Garage 1 & 2, Body Shop, including frame rack, paint booth, air compressor, shop equipment FEMA	10.00	\$ 645,725	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 645,725

Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total 2014-2023
875-1	Citywide	Minor Equipment Purchases FEMA 33/33/34 W/S/D	Central Yard: Replacement of tools (milling machine, drill presses and bits (2), saws (2), tooling equipment associated with lave, plumbing - pipe machine, dyes, welding machine) FEMA	10.00	\$ 22,440	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 22,440
875-2	Citywide	Minor Equipment Purchases (FEMA) 33/33/34 W/S/D	Warehouse: Replacement of hydraulic lift (FEMA)	10.00	\$ 2,310	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,310
676-1	Citywide	Modifications to the Power Generating System HMGP 34/13/53 W/S/D		10.00	\$ 23,118,193	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,118,193
676-2	Citywide	Modifications to the Power Generating System HMGP 34/13/53 W/S/D	Refurbish Turbines 3, including controls upgrade (HMGP)	10.00	\$ 9,425,602	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,425,602
676-3	Citywide	Modifications to the Power Generating System HMGP 34/13/53 W/S/D	Refurbish Turbines 5, including controls upgrade (HMGP)	10.00	\$ 9,955,602	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,955,602
676-4	Citywide	Additions & Replacement to Underground Power Distribution Feeders HMGP 34/13/53 W/S/D	Design Build Contract to replace feeders 202/302, 24/224, 416, 406, SPS A to DPS 2 (HMGP)	10.00	\$ 16,122,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,122,600
676-5	Citywide	Additions & Replacement to Underground Power Distribution Feeders HMGP 34/13/53 W/S/D	OSP-02 60 hz underground feeder is linked with OSP-01 15 MW Generator (HMGP)	10.00	\$ 2,024,521	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,024,521
676-6	Citywide	Modifications to Oak St Raw Water Intake Station 34/13/53 W/S/D	Design and construction of new Oak Street Raw Water Intake and Pump Station (HMGP FEMA)	10.00	\$ 42,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,400,000
676-7	Citywide	Modifications to the Power Generating System HMGP 34/13/53 W/S/D	Hardening of power plant including inspecting and refurbishing the overhead cranes at low lift, structural repairs to the boiler room	10.00	\$ 842,140	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 842,140
676-8	Citywide	Modifications to the Power Generating System HMGP 34/13/53 W/S/D	Rehabilitation of current above ground fuel storage tank to provide five (5) days of fuel for boilers, and turbines	10.00	\$ 2,646,194	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,646,194
676-9	Citywide	Furnishing and Installation of 20MW Load Bank for testing Generators (HMGP) 34/13/53 W/S/D	The electrical testing and power verification of retrofitted Generators #3, #4 and #5, require a stable load system capable of handling 20MW to verify generator rated capacity	10.00	\$ 945,520	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 945,520

Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total 2014-2023
466-1	B	Louisiana Avenue Canal <u>COE (65% Cost Share)</u>	Construction of covered canal in Louisiana Avenue right of way from S. Claiborne to Constance. This project will be constructed as a single project and take five years to complete. Paving costs associated with this construction project will be paid by DPW construction and engineering and are currently estimated at \$22 million. The estimate for damage claims is listed under Extra Work. Eng. Est. \$123,000,000 Corps of Engineer SELA Program 65%	7.74	\$ 81,250,000										\$ 81,250,000
492	C	Donner Canal, Algiers Outfall Canal & Nolan Canal Improvements COE (65% Cost Share)	Engineering, construction and inspection including channel excavation, construction of new culverts, and construction of concrete open canal flumes associated with the Donner, Algiers Outfall and Nolan Canals. This work is included in the proposed Algiers Basin - Plan E drainage improvement area. Eng. Est. \$110,000,000 Corps of Engineer SELA Program 65%	7.74					\$ 82,500,000						\$ 82,500,000
496-1	C	General DeGaulle Canal Improvements COE, RPC, CCC, DOTD (65% Cost Share)	Design, construction and inspection of drainage improvements within the General DeGaulle right of way between the Norman Canal and Wall Boulevard, Indiana St. between Seine and Gen DeGaulle and Vixen, Memorial Park between Texas and the Algiers Outfall Canal, and Lang between Gen DeGaulle and Berkley. This work is included in the proposed Algiers Basin-Plan E improvement area. Eng. Est. \$140,000,000 Corps of Engineer SELA Program 65%	7.74				\$ 52,500,000	\$ 52,500,000						\$ 105,000,000
497-2	D	Florida Avenue Canal Phase II & III (St. Ferdinand to Mazant St) - Contract 4163/4164 <u>COE (65% Cost Share)</u>	Design, construction and inspection of an open concrete canal within the Florida Avenue right of way between Peoples Avenue and DPS #19. Construction of phase II (Piety St. to Mazant St. - Contract 4163CE will begin in 2012. Eng. Est. \$100,544,622 Corps of Engineer SELA Program 65%	7.74	\$ 65,549,015										\$ 65,549,015
613-17	Citywide	Modifications to the Power Generating System 60/5/35 W/S/D	Chemical conditioning control/Ph adjustments to Boiler blowdown at the discharge (study)	6.97	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000
535-1	A	Improvements at DPS 6 <u>Jefferson parish</u>	Modifications to Vertical Pumps 1, 2 & 3	6.49			\$ 160,000								\$ 160,000
535-2	A	Improvements at DPS 6 <u>Jefferson parish</u>	Additional 2000 cfs capacity	6.49								\$ 4,000,000	\$ 4,000,000		\$ 8,000,000
546	D	New Drainage Station 4W <u>COE</u>	A new drainage facility is required to supplement the western portion of the drainage basin served by DPS 4. This station will have 1000 cfs capacity with 100% on-site power generation. This project (Contract \$140) is in the construction phase. Costs are associated with engineering services during construction. Design is nearly complete by Design Engineering, Inc. with funding to be provided under the future COE SELA program \$20,726,400 on hold	5.57								\$ 20,726,000			\$ 20,726,000
453-1	A	Metairie Relief Canal - <u>Jefferson Parish</u>	Widen the existing Metairie Relief Canal from Palmetto to Airline Highway. Jefferson Parish has proposed this project. SWBNO 76%/Jefferson Parish 24% (\$1,596,000) Project tied to 483	5.15		\$ 108,000	\$ 1,464,000	\$ 24,000							\$ 1,596,000
483	A	Airline and Monticello <u>Jefferson Parish Portion</u>	Construction of a new canal at Airline Drive in coordination with Jefferson Parish. This project will include crossing Airline Drive and will complete the improvements to the Monticello Canal. SWBNO 74%, Jefferson 26% - \$2,130,000 scheduling this work must be coordinated with Jefferson Parish and Project 453	5.15			\$ 114,000	\$ 2,016,000							\$ 2,130,000



Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total 2014-2023
535-3	A	Improvements at DPS 6 - Jefferson Parish	Painting outside equipment	5.10				\$ 320,000							\$ 320,000
472-1	A, B	Tchoupitoulas Corridor Drainage - Dock Board	Construction of approximately 1300 feet of 96" x 154" RCAP or a poured in place box culvert in the Napoleon Avenue right of way between Tchoupitoulas and Constance St. <u>Note:</u> The Dock Board has verbally committed \$1,850,000 towards these projects. However, the SWBNO has completed the Nashville Canal extension and has not yet received compensation for the work already performed. The Dock Board has been notified that no additional work will be initiated until past accounts are resolved in full.	4.88				\$ 1,850,000							\$ 1,850,000
497-4	D	Florida Avenue Canal Phase IV (Florida Ave/Peoples Canal) - Contract 4165CE COE (65% Cost Share)	Design, construction and inspection of an open concrete canal within the Florida Avenue right of way between Peoples Avenue and DPS #19. Phase III (St. Ferdinand St. to Piety St. - Contract 4164CE) will begin in 2014. Eng. Est. \$116,203,720 Corps of Engineer SELA Program 65%	7.74	\$ 91,000,000										\$ 91,000,000
Total					\$ 369,904,623										

### Payback Corps of Engineers

466-2	B	Louisiana Avenue Canal SWBNO (35% Cost Share minus relocation and engineering fees)	Construction of covered canal in Louisiana Avenue right of way from S. Claiborne to Constance. This project will be constructed as a single project and take five years to complete. Paving costs associated with this construction project will be paid by DPW construction and engineering and are currently estimated at \$22 million. The estimate for damage claims is listed under Extra Work. Eng. Est. \$123,000,000 Corps of Engineer SELA Program 65%	7.74	\$ 43,750,000										\$ 43,750,000
492	C	Donner Canal, Algiers Outfall Canal & Nolan Canal Improvements SWBNO (35% Cost share minus relocation and engineering fees)	Engineering, construction and inspection including channel excavation, construction of new culverts, and construction of concrete open canal flumes associated with the Donner, Algiers Outfall and Nolan Canals. This work is included in the proposed Algiers Basin - Plan E drainage improvement area. Eng. Est. \$110,000,000 Corps of Engineer SELA Program 65%	7.74				\$ 35,700,000							\$ 35,700,000
496-1	C	General DeGaulle Canal Improvements SWBNO (35% Cost share minus relocation and engineering fees)	Design, construction and inspection of drainage improvements within the General DeGaulle right of way between the Norman Canal and Wall Boulevard, Indiana St. between Seine and Gen DeGaulle and Vixen, Memorial Park between Texas and the Algiers Outfall Canal, and Lang between Gen DeGaulle and Berkley. This work is included in the proposed Algiers Basin-Plan E improvement area. Eng. Est. \$140,000,000 Corps of Engineer SELA Program 65%	7.74				\$ 11,100,000	\$ 17,500,000						\$ 28,600,000

Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total 2014-2023
497-2	D	Florida Avenue Canal Phase II & III (St. Ferdinand to Mazant St) - Contract 4163/4164 <u>SWBNO 35% Cost Share minus relocation and engineering fees</u>	Design, construction and inspection of an open concrete canal within the Florida Avenue right of way between Peoples Avenue and DPS #19. Construction of phase II (Piety St. to Mazant St. - Contract 4163CE will begin in 2012. Eng. Est. \$100,544,622 Corps of Engineer SELA Program 65%	7.74	\$ 22,095,607										\$ 22,095,607
497-4	D	Florida Avenue Canal Phase IV (Florida Ave/Peoples Canal) - Contract 4165CE <u>SWBNO 35% Cost Share minus relocation and engineering fees</u>	Design, construction and inspection of an open concrete canal within the Florida Avenue right of way between Peoples Avenue and DPS #19. Phase III (St. Ferdinand St. to Piety St. - Contract 4164CE) will begin in 2014. Eng. Est. \$116,203,720 Corps of Engineer SELA Program 65%	7.74	\$ 49,000,000										\$ 49,000,000

### Funded by Sewerage & Water Board of New Orleans

474	B	Melpomene Canal Improvements	Funding in Extra Work is for damage claims. Construction of the concrete box has been completed.	10.00	\$ 5,000										\$ 5,000
476	A	Hollygrove Canal Improvements	Extra work is for resolution of Damage claims. The construction of the concrete box culverts are complete.	10.00	\$ 5,000										\$ 5,000
498	E	Dwyer Intake Canal Improvements - Contract 4173CE	This project (Contract 4173 CE) is currently under construction. Consulting fees are associated with engineering design during construction. Funding for claims is including in extra work.	10.00	\$ 50,000										\$ 50,000
511-3	A	Normal Extensions & Replacement-DPS	Repairs to Discharge Tubes - DPS 7	10.00	\$ 6,000,000										\$ 6,000,000
576-9	C, E	COE Storm Proofing Projects	OSP-09 DPS 11, 14, 16 Storm proofing	10.00		\$ 5,381,958	\$ 859,839								\$ 6,241,797
576-10	D	COE Storm Proofing Projects	OSP-10 DPS 17 Generator and Building	10.00				\$ 11,016,240	\$ 1,762,598						\$ 12,778,838
576-11	D	COE Storm Proofing Projects	OSP-11 DPS 10 Generator & Storm proofing	10.00						\$ 10,252,805	\$ 1,771,685				\$ 12,024,490
576-13	D	Storm Proofing Projects	OSP-14 DPS 17 Storm proofing	10.00			\$ 4,968,000								\$ 4,968,000
576-14	Citywide	Storm Proofing Projects	OSP-15 CWPP Frequency Changer	10.00					\$ 1,511,852	\$ 332,608					\$ 1,844,460
576-15	A, E	Storm Proofing Projects	OSP-16 DPS 15, 18, Grant, Monicello & Prichard Storm Proofing	10.00						\$ 3,135,948	\$ 689,909				\$ 3,825,857
576-17	C, D	Storm Proofing Projects	OSP-05 DPS 5 Storm proofing	10.00							\$ 8,436,027	\$ 1,349,765			\$ 9,785,792
576-18	Citywide	Storm Proofing Projects	OSP-X Water Wells at 15 DPS	10.00		\$ 8,250,000	\$ 1,650,000								\$ 9,900,000
807-13	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Renovation of old warehouse, currently unfunded by FEMA	10.00	\$ -	\$ 330,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000
807-21	D	Improvements to Central Yard & St. Joseph Street FEMA 33/33/34 W/S/D	Central Yard: Body Shop and Garage renovation by raising to safe water level currently unfunded by FEMA	10.00	\$ -	\$ -	\$ -	\$ 660,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 660,000
812-15	Citywide	New Development Contract Work 33/33/34 W/S/D	Programming done for implementations of new systems and system expansions such as CAM replacement, Financial System replacement or bringing up new modules of current software	10.00	\$ 267,000	\$ 133,000	\$ 100,000	\$ 67,000	\$ 33,000	\$ 33,000	\$ 33,000	\$ 33,000	\$ 33,000	\$ 33,000	\$ 765,000
820	Citywide	Overhead charged to Capital 33/33/34 W/S/D	Portion of overhead attributed to capital from operations and maintenance	10.00	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 3,590,000	\$ 35,900,000
843-13	Citywide	Wiring-Drainage System100 D	Data wiring for each drainage pumping station	10.00	\$ 30,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000

Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total 2014-2023
843-17	Citywide	Mainframe UPS Battery Replacement 33/33/34 W/S/D	Replacement of	10.00	\$ -	\$ -	\$ -	\$ -	\$ 2,475	\$ 2,475	\$ -	\$ -	\$ -	\$ -	\$ 4,950
843-26	Citywide	Server Expansion 33/33/34 W/S/D	Additional Server Purchases	10.00	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400	\$ 7,400	\$ 74,000
843-29	Citywide	Centralized Storage Expansion 33/33/34 W/S/D	Expansion of centralized storage of data off individual pc's onto a server-based system	10.00	\$ 6,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,000
843-33	Citywide	Personal Computers 33/33/34 W/S/D	Phased replacement of all personal computers throughout the Board	10.00	\$ 67,000	\$ 67,000	\$ 67,000	\$ 67,000	\$ 67,000	\$ 67,000	\$ 67,000	\$ 67,000	\$ 67,000	\$ 67,000	\$ 670,000
578-3	A, D	COE Permanent Pump Stations at the Lake	Inspection of the permanent pump stations	10.00	\$ 200,000	\$ 200,000									\$ 400,000
703	Citywide	Drainage Reserve for Emergencies	Contingency	10.00	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 700,000	\$ 7,000,000
812-16	Citywide	New Development Contract Work 33/33/34 W/S/D	Web EOC Town Square Software	10.00	\$ 8,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,300
812-17	Citywide	New Development Contract Work 33/33/34 W/S/D	Springwater Certificate Tracking System Software	10.00	\$ 1,667	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,667
812-19	Citywide	New Development Contract Work 33/33/34 W/S/D	GT Stud1 Structural Analysis and Design (v31) Software	10.00	\$ 4,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,000
812-6	B	HR System Replacement 33/33/34 W/S/D	Replacement of Human Resources / Payroll system	9.78	\$ -	\$ 1,000,000	\$ 167,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,167,000
812-7	Citywide	Financial System Replacement 33/33/34 W/S/D	Replacement of Financial system (Budget, A/R, GJ, Warehouse, Fixed Assets, etc.)	9.78	\$ -	\$ -	\$ 1,000,000	\$ 333,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,333,000
812-11	Citywide	AutoCAD 33/33/34 W/S/D	Upgrade of AutoCAD and related software	9.78	\$ 25,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
812-18	Citywide	New Development Contract Work 33/33/34 W/S/D	Warehouse Software Appliance	9.75	\$ 8,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,250
812-20	Citywide	New Development Contract Work 33/33/34 W/S/D	Audit Software	9.75	\$ 8,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,250
812-21	Citywide	New Development Contract Work 33/33/34 W/S/D	WebSense Software Appliance	9.75	\$ 8,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,250
843-28	Citywide	Vault Server Refresh 33/33/34 W/S/D	"Refresh/Replace" Vault server	9.66	\$ -	\$ 37,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 37,000	\$ 37,000	\$ 111,000
843-20	Citywide	Security System Servers / software: Central Yard 33/33/34 W/S/D	Purchase of servers and software to run security cameras at Central Yard	9.63	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
843-21	Citywide	Security System Servers / software: St Joseph Street 33/33/34 W/S/D	Purchase of servers and software to run security cameras at St. Joseph St.	9.63	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000
843-22	Citywide	Security System Servers / software: "Algiers 33/33/34 W/S/D	Server-based system and software will allow searching of videos, access to cameras based on a strict security system, and LAN viewing of security cameras from any Board LAN location	9.63	\$ 34,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 34,000
843-23	Citywide	Security System Servers / software: Miscellaneous Locations 33/33/34 W/S/D	Purchase of servers and software to run security cameras at miscellaneous Board locations	9.63	\$ 34,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 34,000
843-32	Citywide	Network UPS Replacement 33/33/34 W/S/D	Replacement of Uninterruptible Power Systems for the Network Devices	9.57	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 4,000	\$ 40,000
843-19	Citywide	EOC Satellite Hookup-Carrollton 33/33/34 W/S/D	Enhancement of communications during emergencies	9.53	\$ -	\$ -	\$ -	\$ -	\$ 1,320	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,320
624-1	Citywide	Normal Extensions & Replacements 35/5/60 W/S/D	Normal Extensions and Replacement to Existing Electrical Distribution, Control, and Utilization Equipment and Facilities as needed to ensure reliability and functional capability of the Power Network	9.50	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 480,000	\$ 4,800,000

Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total 2014-2023
843-25	Citywide	Server Refresh 33/33/34 W/S/D	Upgrade and Replacement of all Board Servers as they reach the 5-7 year age	9.48	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 16,800	\$ 168,000
812-14	Citywide	Desktop Software 33/33/34 W/S/D	Upgrades of Office Desktop Suite to replace Office 2000 and Windows 2000 and XP	9.46	\$ 50,000	\$ -	\$ -	\$ -	\$ 167,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 217,000
843-39	Citywide	High Volume Scanners 33/33/34 W/S/D	Replacement of High Volume Scanners used for Networks and Revenue documents	9.31	\$ -	\$ 3,333	\$ -	\$ -	\$ 6,667	\$ -	\$ -	\$ -	\$ 3,333	\$ 3,333	\$ 16,666
812-9	Citywide	Windows Server Software and applicable Client Access Licenses 33/33/34 W/S/D	Upgrade of Network server software, and applicable user licenses	9.30	\$ 10,000	\$ 2,167	\$ 2,167	\$ 17,000	\$ 10,000	\$ 11,500	\$ 2,167	\$ 2,167	\$ 2,167	\$ 2,167	\$ 61,502
843-16	Citywide	Micre Printer (checks) 33/33/34 W/S/D	Check printer	9.19	\$ 2,250	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,250
843-27	Citywide	Oracle Server Refresh 33/33/34 W/S/D	"Refresh/Replace" Oracle Database server	9.13	\$ 6,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,600	\$ -	\$ -	\$ -	\$ 13,200
843-38	Citywide	Printers 33/33/34 W/S/D	Replacement printers	9.13	\$ 10,000	\$ 10,667	\$ 5,334	\$ 5,334	\$ 5,334	\$ 5,334	\$ 5,334	\$ 5,334	\$ 5,334	\$ 5,334	\$ 63,339
812-12	Citywide	Miscellaneous Software 33/33/34 W/S/D	Unspecified software often needed "immediately" by user to complete important project	9.00	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 3,400	\$ 34,000
511-2	D	Normal Extensions & Replacement-DPS	DPS 4 suction basin canal cracks and erosion	8.88	\$ 450,000										\$ 450,000
810-5	Citywide	Major Equipment Purchases 33/33/34 W/S/D	Garage I Diagnostic equipment and upgraded every other year FEMA/SWBNO funds	8.80	\$ 1,650	\$ -	\$ 1,650	\$ -	\$ 1,815	\$ -	\$ 1,815	\$ -	\$ 1,815	\$ -	\$ 8,745
812-13	Citywide	Web Developer Software 33/33/34 W/S/D	Upgrades and Replacement of software used by web developer for web design and maintenance	8.76	\$ -	\$ -	\$ -	\$ -	\$ 667	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 667
511-19	Citywide	Normal Extensions & Replacement-DPS	Miscellaneous repairs to DPS (restrooms, HVAC, doors, roofs, piping, bubblers, etc.)	8.75	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 10,000,000
511-19	Citywide	Normal Extensions & Replacement-DPS	Forensics Structural engineering services for analysis	8.75	\$ 33,000										\$ 33,000
511-20	Citywide	Normal Extensions & Replacement-DPS	Labor for Maintenance Services	8.75	\$ 330,000										\$ 330,000
843-35	Citywide	Board Room AV Renovation 33/33/34 W/S/D	Renovation, upgrade and replacement of Audio-Visual Equipment in the Board Room-microphones, cameras,encoder, etc.	8.72	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
843-14	Citywide	System Wide General Wiring 33/33/34 W/S/D	General Wiring for new data drops and special wiring runs	8.64	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 100,000
843-24	Citywide	Security-New Badge Reading System 33/33/34 W/S/D	Replacement of Security Badge servers, software, etc.	8.64	\$ 157,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 157,000
843-30	Citywide	IP Unified Communication 33/33/34 W/S/D	Voice over IP Telephone System	8.59	\$ -	\$ -	\$ 454,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 454,000
496-2	C	General DeGaulle Corridor Canal Culvert Replacement SWBNO	Replacement of six (6) culvert crossings within Corridor	8.56	\$ 50,000										\$ 50,000
610-3	A, B	Additions & Replacement to Underground Power Distribution Feeders	Replace feeder 408 (7, 160 lf)	8.54	\$ -	\$ -	\$ -	\$ -	\$ 9,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,000,000
843-31	Citywide	Rewiring (800 @ 275ea) 33/33/34 W/S/D	Data line (drops) rewiring throughout the Board	8.54	\$ -	\$ 74,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 74,000
843-36	Citywide	Travel AV / Offsite AV Projectors, etc 33/33/34 W/S/D	Replacement of current and purchase of additional pc projectors and related equipment for use at scattered sites around the Board and offsite from the Board	8.52	\$ 1,667	\$ -	\$ 1,667	\$ -	\$ -	\$ 1,667	\$ -	\$ -	\$ -	\$ -	\$ 5,001
812-10	Citywide	Cassworks Replacement 40/40/20 WSD	Upgrade or Replacement of Cassworks CMMS system	8.33	\$ -	\$ -	\$ 1,200,000	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,600,000

Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total 2014-2023
610-4	A, B	Additions & Replacement to Underground Power Distribution Feeders	Replace feeder 508 (7,590 lf) based on locating in existing duct bank	8.25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000	\$ -	\$ -	\$ -	\$ -	\$ 3,500,000
511-16	Citywide	Normal Extensions & Replacement-DPS	Emergency repairs, engineering, inspections and testing services	8.21	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 10,000,000
610-5	A, B	Additions & Replacement to Underground Power Distribution Feeders	Replace feeder 412 (11,500 lf)	8.19	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,100,000	\$ -	\$ -	\$ -	\$ 10,100,000
511-8	E	Normal Extensions & Replacement-DPS	Repairs to Discharge Tubes - DPS 5	8.18	\$ -	\$ 500,000	\$ 4,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,100,000
843-18	Citywide	Relocate Data Center / Info Systems to Carrollton 33/33/34 W/S/D	Relocation of the Information Systems department to Carrollton by renovating the Head House	8.17	\$ -	\$ -	\$ -	\$ -	\$ 1,667,000	\$ 334,000	\$ -	\$ -	\$ -	\$ -	\$ 2,001,000
610-6	A, B	Additions & Replacement to Underground Power Distribution Feeders	Replace feeder 312 (11,430 lf) based on locating in existing duct bank	8.13	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ -	\$ -	\$ 2,500,000
843-37	Citywide	Plotters 33/33/34 W/S/D	Replacement Plotters	8.13	\$ 2,667	\$ -	\$ -	\$ -	\$ 4,000	\$ 4,000	\$ -	\$ -	\$ 4,000	\$ 4,000	\$ 18,667
610-7	A, B	Additions & Replacement to Underground Power Distribution Feeders	Replace feeder 314 (9,460 lf)	8.10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,000,000	\$ -	\$ -	\$ 9,000,000
610-8	A, B	Additions & Replacement to Underground Power Distribution Feeders	Replace feeder 414 (9,460 lf) based on locating in existing duct bank	8.07	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000	\$ -	\$ 3,000,000
843-11	Citywide	New GIS Server System 33/33/34 W/S/D	Warehouse: Install scanning equipment for inventory, labeling, barcodes, and associated software	8.06	\$ 14,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 14,000
610-9	A, B	Additions & Replacement to Underground Power Distribution Feeders	Replace feeder 612-B (14,220 lf)	8.04	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,500,000	\$ -	\$ 10,500,000
511-6	E	Normal Extensions & Replacement-DPS	Grant DPS bridge and station repairs	8.00	\$ -	\$ -	\$ 60,000	\$ 540,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000
879-1	Citywide	Green Infrastructure	Development and implementation of green infrastructure projects	7.79	\$ 500,000	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
511-10	A	Normal Extensions & Replacement-DPS	Repairs to DPS 7 Screen and add new screen cleaners	7.77	\$ -	\$ 400,000	\$ 4,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,400,000
511-14	E	Normal Extensions & Replacement-DPS	Screen Cleaner Replacement at DPS 16	7.77	\$ -	\$ 900,000	\$ 8,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,500,000
511-17	C	Normal Extensions & Replacement-DPS	DPS 3 frontal protection and stormproofing	7.77	\$ -	\$ 550,000	\$ 5,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,950,000
511-18	A, B	Normal Extensions & Replacement-DPS	DPS - 1 replacement of constant duty pumps (50cfs)	7.76	\$ -	\$ 220,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 220,000
466-3	B	Louisiana Avenue Canal SWBNO Relocations Costs	Construction of covered canal in Louisiana Avenue right of way from S. Claiborne to Constance. This project will be constructed as a single project and take five years to complete. Paving costs associated with this construction project will be paid by DPW construction and engineering and are currently estimated at \$22 million. The estimate for damage claims is listed under Extra Work. Eng. Est. \$123,000,000 Corps of Engineer SELA Program 65%	7.74	\$ 4,000,000	\$ 4,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,500,000
466-4	B	Louisiana Avenue Canal Energy Temporary Relocations & S&WB Forensic Engineering	Construction of covered canal in Louisiana Avenue right of way from S. Claiborne to Constance. This project will be constructed as a single project and take five years to complete. Paving costs associated with this construction project will be paid by DPW construction and engineering and are currently estimated at \$22 million. The estimate for damage claims is listed under Extra Work. Eng. Est. \$123,000,000 Corps of Engineer SELA Program 65%	7.74	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000,000

Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total 2014-2023
471	Citywide	SELA Program Mgmt	Professional services contract to administer the SELA programs	7.74	\$ 1,500,000	\$ 1,500,000	\$ 1,500,000								\$ 4,500,000
478-1	A	S. Claiborne Ave Canal Phase I (Monticello St to Leonidas St) - Contract 4180CE <u>SWBNO Engineering Fees</u>	Design, const & inspection of new drainage canal on S. Claiborne between Lowerline & Monticello. This work will be completed in two phases (Contract 4180CE). Construction will take four years to complete. Extra work is consultant costs, damage claims and landscaping. Corps of Engineer SELA Program 65%.	7.74	\$ 250,000	\$ 50,000	\$ 50,000								\$ 350,000
478-1	A	S. Claiborne Ave Canal Phase I (Monticello St to Leonidas St) - Contract 4180CE <u>SWBNO Relocation Costs</u>	Design, const & inspection of new drainage canal on S. Claiborne between Lowerline & Monticello. This work will be completed in two phases (Contract 4180CE). Construction will take four years to complete. Extra work is consultant costs, damage claims and landscaping. Corps of Engineer SELA Program 65%.	7.74	\$ 2,000,000										\$ 2,000,000
478-1	A	S. Claiborne Ave Canal Phase I (Monticello St to Leonidas St) - Contract 4180CE Entergy Temporary Relocations & S&WB Forensic Engineering	Design, const & inspection of new drainage canal on S. Claiborne between Lowerline & Monticello. This work will be completed in two phases (Contract 4180CE). Construction will take four years to complete. Extra work is consultant costs, damage claims and landscaping. Corps of Engineer SELA Program 65%.	7.74	\$ 250,000	\$ 100,000	\$ 100,000								\$ 450,000
478-2	A	S. Claiborne Ave Canal Phase II (Leonidas St to Lowerline St) - Contract 4181CE <u>COE (65% Cost Share)</u>	Design, const & inspection of new drainage canal on S. Claiborne between Lowerline & Monticello. This work will be completed in two phases (Contract 4181CE). Construction will take four years to complete. Extra work is consultant costs, damage claims and landscaping. Corps of Engineer SELA Program 65%.	7.74	\$ 250,000	\$ 50,000	\$ 50,000								\$ 350,000
478-2	A	S. Claiborne Ave Canal Phase II (Leonidas St to Lowerline St) - Contract 4181CE Entergy Temporary Relocations & S&WB Forensic Engineering	Design, const & inspection of new drainage canal on S. Claiborne between Lowerline & Monticello. This work will be completed in two phases (Contract 4181CE). Construction will take four years to complete. Extra work is consultant costs, damage claims and landscaping. Corps of Engineer SELA Program 65%.	7.74	\$ 250,000	\$ 100,000	\$ 100,000								\$ 450,000
486-1	B	Napoleon Ave Canal Phase II (S. Claiborne Ave to Carondelet St) - Contract 4176CE <u>swbno - Engineering Fees</u>	Design, construction and inspection of an additional canal in Napoleon Avenue right of way to increase the drainage capacity in the Uptown Basin (Contract 4176 CE Const. will take two years to complete. Contract award \$55,121,351 Corps of Engineer SELA Program 65%.	7.74	\$ 150,000	\$ 100,000	\$ 50,000								\$ 300,000
486-1	B	Napoleon Ave Canal Phase II (S. Claiborne Ave to Carondelet St) - Contract 4176CE Entergy Temporary Relocations & S&WB Forensic Engineering	Design, construction and inspection of an additional canal in Napoleon Avenue right of way to increase the drainage capacity in the Uptown Basin (Contract 4176 CE Const. will take two years to complete. Contract award \$55,121,351 Corps of Engineer SELA Program 65%.	7.74	\$ 500,000	\$ 250,000	\$ 250,000								\$ 1,000,000
486-2	B	Napoleon Ave Canal Phase III (Carondelet St to Constance) - Contract 4177CE <u>SWBNO Engineering Fees</u>	Design, construction and inspection of an additional canal in Napoleon Avenue right of way to increase the drainage capacity in the Uptown Basin (Contract 4177CE Construction will take two years to complete. Eng. Est. \$46,101,745 Corps of Engineer SELA Program 65%.	7.74	300000	\$ 100,000									\$ 400,000
486-2	B	Napoleon Ave Canal Phase III (Carondelet St to Constance) - Contract 4177CE <u>SWBNO Relocation Costs</u>	Design, construction and inspection of an additional canal in Napoleon Avenue right of way to increase the drainage capacity in the Uptown Basin (Contract 4177CE Construction will take two years to complete. Eng. Est. \$46,101,745 Corps of Engineer SELA Program 65%.	7.74	250000	\$ 100,000									\$ 350,000
486-2		Napoleon Ave Canal Phase III (Carondelet St to Constance) - Contract 4177CE Entergy temporary relocations & S&WB Forensic Engineering	Design, construction and inspection of an additional canal in Napoleon Avenue right of way to increase the drainage capacity in the Uptown Basin (Contract 4177CE Construction will take two years to complete. Eng. Est. \$46,101,745 Corps of Engineer SELA Program 65%.	7.74	\$ 500,000	250000	\$ 150,000								\$ 900,000

Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total 2014-2023
492	C	Donner Canal, Algiers Outfall Canal & Nolan Canal Improvements SWBNO	Engineering, construction and inspection including channel excavation, construction of new culverts, and construction of concrete open canal flumes associated with the Donner, Algiers Outfall and Nolan Canals. This work is included in the proposed Algiers Basin - Plan E drainage improvement area. Eng. Est. \$110,000,000 Corps of Engineer SELA Program 65%	7.74			\$ 50,000	\$ 1,750,000	\$ 6,500,000						\$ 8,300,000
496-1	C	General DeGaulle Canal Improvements SWBNO	Design, construction and inspection of drainage improvements within the General DeGaulle right of way between the Norman Canal and Wall Boulevard, Indiana St. between Seine and Gen DeGaulle and Vixen, Memorial Park between Texas and the Algiers Outfall Canal, and Lang between Gen DeGaulle and Berkley. This work is included in the proposed Algiers Basin-Plan E improvement area. Eng. Est. \$140,000,000 Corps of Engineer SELA Program 65%	7.74	\$ 50,000	\$ 50,000	\$ 3,000,000	\$ 2,200,000	\$ 500,000						\$ 5,800,000
497-1	D	Florida Avenue Canal Phase I (DPS No. 19 to Mazant St) - Contract 4160CE SWBNO	Costs associated with construction of Phase I (DPS No. 19 to Mazant St. - Contract 4160CE Corps of Engineer SELA Program 100%	7.74	\$ 100,000	\$ 50,000									\$ 150,000
497-2	D	Florida Avenue Canal Phase II & III (St. Ferdinand to Mazant St) - Contract 4163/4164 SWBNO Engineering Fees	Design, construction and inspection of an open concrete canal within the Florida Avenue right of way between Peoples Avenue and DPS #19. Construction of phase II (Piety St. to Mazant St. - Contract 4163CE will begin in 2012. Eng. Est. \$100,544,622 Corps of Engineer SELA Program 65%	7.74	\$ 4,900,000										\$ 4,900,000
497-2	D	Florida Avenue Canal Phase II & III (St. Ferdinand to Mazant St) - Contract 4163CE/4164CE SWBNO Relocation Costs	Design, construction and inspection of an open concrete canal within the Florida Avenue right of way between Peoples Avenue and DPS #19. Construction of phase II (Piety St. to Mazant St. - Contract 4163CE will begin in 2012. Eng. Est. \$100,544,622 Corps of Engineer SELA Program 65%	7.74	\$ 3,500,000	\$ 3,500,000									\$ 7,000,000
497-2		Florida Avenue Canal Phase II & III (St. Ferdinand to Mazant St) - Contract 4163CE/4164CE Entergy Temporary Relocations & S&WB Forensic Engineering	Design, construction and inspection of an open concrete canal within the Florida Avenue right of way between Peoples Avenue and DPS #19. Construction of phase II (Piety St. to Mazant St. - Contract 4163CE will begin in 2012. Eng. Est. \$100,544,622 Corps of Engineer SELA Program 65%	7.74	\$ 1,000,000	\$ 500,000	\$ 500,000								\$ 2,000,000
497-4	D	Florida Avenue Canal Phase IV (Florida Ave/Peoples Canal) - Contract 4165CE SWBNO Relocation Costs	Design, construction and inspection of an open concrete canal within the Florida Avenue right of way between Peoples Avenue and DPS #19. Phase III (St. Ferdinand St. to Piety St. - Contract 4164CE) will begin in 2014. Eng. Est. \$116,203,720 Corps of Engineer SELA Program 65%	7.74	\$ 6,200,000	\$ 6,000,000									\$ 12,200,000
497-4		Florida Avenue Canal Phase IV (Florida Ave/Peoples Canal) - Contract 4165CE Entergy temporary relocations & S&WB Forensic Engineering	Design, construction and inspection of an open concrete canal within the Florida Avenue right of way between Peoples Avenue and DPS #19. Phase III (St. Ferdinand St. to Piety St. - Contract 4164CE) will begin in 2014. Eng. Est. \$116,203,720 Corps of Engineer SELA Program 65%	7.74	\$ 1,500,000	\$ 1,000,000									\$ 2,500,000
499-1	A, B	Jefferson Ave Canal Phase I (S Claiborne Ave to Dryades) - Contract 4178CE SWBNO Engineering Fees	Design, construction and inspection of a covered canal within the Jefferson Avenue right of way between S. Claiborne and Constance (Contract 4178 CE) Corps of Engineer SELA Program 65% Eng. Est. \$65,726,775	7.74	\$ 300,000	\$ 150,000									\$ 450,000
499-1	A, B	Jefferson Ave Canal Phase I (S Claiborne Ave to Dryades) - Contract 4178CE SWBNO Relocation Costs	Design, construction and inspection of a covered canal within the Jefferson Avenue right of way between S. Claiborne and Constance (Contract 4178 CE) Corps of Engineer SELA Program 65% Eng. Est. \$65,726,776	7.74	\$ 4,900,000	\$ 500,000									\$ 5,400,000
499-1	A, B	Jefferson Ave Canal Phase I (S Claiborne Ave to Dryades) - Contract 4178CE Entergy Temporary Relocations & Forensic Engineering	Design, construction and inspection of a covered canal within the Jefferson Avenue right of way between S. Claiborne and Constance (Contract 4178 CE) Corps of Engineer SELA Program 65% Eng. Est. \$65,726,777	7.74	\$ 600,000										\$ 600,000

Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total 2014-2023
499-2	D	Jefferson Ave Canal Phase II (Dryades to Constance) - Contract 4179CE, <u>SWBNO Engineering Fees</u>	Design, construction and inspection of a covered canal within the Jefferson Avenue right of way between S. Claiborne and Constance. Phase II (Dryades to Constance - Contract 4179CE) will start in 2012. Corps of Engineer SELA Program 65%	7.74	\$ 100,000										\$ 100,000
499-2	D	Jefferson Ave Canal Phase II (Dryades to Constance) - Contract 4179CE <u>SWBNO Relocation Costs</u>	Design, construction and inspection of a covered canal within the Jefferson Avenue right of way between S. Claiborne and Constance. Phase II (Dryades to Constance - Contract 4179CE) will start in 2012. Corps of Engineer SELA Program 65%	7.74	\$ 1,700,000										\$ 1,700,000
499-2	D	Jefferson Ave Canal Phase II (Dryades to Constance) - Contract 4179CE <u>Emergency Temporary Relocations &amp; S&amp;WB Forensic Engineering</u>	Design, construction and inspection of a covered canal within the Jefferson Avenue right of way between S. Claiborne and Constance. Phase II (Dryades to Constance - Contract 4179CE) will start in 2012. Corps of Engineer SELA Program 65%	7.74	\$ 500,000										\$ 500,000
439	Citywide	Major Drainage Participation in DPW Paving Projects	Engineering design, survey and inspection of Large Drainage Lines (36" and greater). SWBNO portion	7.68	\$ 4,300,000	\$ 4,300,000	\$ 4,300,000	\$ 4,300,000	\$ 4,300,000	\$ 4,300,000	\$ 4,300,000	\$ 4,300,000	\$ 4,300,000	\$ 4,300,000	\$ 43,000,000
511-5	C	Normal Extensions & Replacement - DPS	Replacement of DPS 7 three vertical pumps	7.66				\$ 2,000,000	\$ 2,000,000	\$ 2,000,000					\$ 6,000,000
511-4	C	Normal Extensions & Replacement-DPS	Repairs to Discharge Tubes - DPS 3	7.66	\$ 4,600,000										\$ 4,600,000
612	A, B, D	Furnishing Emergency Generation for Drainage Underpass Pumping Stations 100% D	Generators are desirable at various Underpass Stations (Canal Blvd, St. Bernard Ave., Paris Ave., Press Dr., Old Carrollton, New Carrollton and Hospital St.)	7.45	\$ 250,000	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
613-7	Citywide	Modifications to the Power Generating System 35/5/60 W/S/D	Inspect and refurbish Turbine No. 1	7.24	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,000,000	\$ -	\$ -	\$ -	\$ 9,000,000
511-7	B	Normal Extensions & Replacement-DPS	Repairs to Discharge Tubes - DPS 2	7.20		\$ 500,000		\$ 4,400,000							\$ 4,900,000
843-9	Citywide	Minor Equipment Purchases 33/33/34 WSD	Customer Services: Upgrade telephone center equipment & software to symposium	7.15	\$ 51,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,000
843-10	Citywide	Minor Equipment Purchases 33/33/34 W/S/D	Upgrade telephone equipment at various locations throughout SWBNO (DPS 13, SPS C, DPS 6, Algiers WTP, DPS 4; CWP Admin & Engineering	7.15	\$ 34,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 34,000
807-1	B	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Joseph: Replace 2nd floor IT air conditioning unit pumps, drive motors and controls	6.96	\$ 1,975,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,975,000
807-2	B	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Joseph: Replacement of switchgear for generator hook-up	6.76	\$ 330,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000
511-11	D	Normal Extensions & Replacement-DPS	Repair to Discharge Pipes at Amid DPS	6.73	\$ 500,000										\$ 500,000
535-1	A	Improvements at DPS 6 <u>SWBNO</u>	Modifications to Vertical Pumps 1, 2 & 3	6.49			\$ 340,000								\$ 340,000



Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total 2014-2023	
535-2	A	Improvements at DPS 6 <u>SWBNO</u>	Additional 2000 cfs capacity	6.49									\$ 8,500,000	\$ 8,500,000	\$ 17,000,000	
573-2	C	DPS 13 Improvements <u>COE</u>	Design, const & inspect of improvements to DPS 13 expansion and floodwall 1300 cfs	6.49		\$ 500,000					\$ 333,050,000				\$ 33,550,000	
511-15	Citywide	Normal Extensions & Replacement-DPS	Drainage Operations Data Acquisition (DODA)	6.33					\$ 600,000						\$ 600,000	
807-15	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Install security system, including cameras in Warehouse, replace card access, etc.	6.10	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
472-2	A, B	Tchoupitoulas Corridor Drainage <u>SWBNO</u>	Construction of approximately 1300 feet of 96" x 154" RCAP or a poured in place box culvert in the Napoleon Avenue right of way between Tchoupitoulas and Constance St. <u>Note:</u> The Dock Board has verbally committed \$1,850,000 towards these projects. However, the SWBNO has completed the Nashville Canal extension and has not yet received compensation for the work already performed. The Dock Board has been notified that no additional work will be initiated until past accounts are resolved in full.	5.88			\$ 250,000	\$ 10,150,000							\$ 10,400,000	
511-9	E	Normal Extensions & Replacement-DPS	Reconstruction of the Maxent DPS	5.83							\$ 700,000				\$ 700,000	
810-1	Citywide	Major Equipment Purchases 33/33/34 W/S/D	Vehicle replacement (large trucks, cranes, etc.) at approximately 15 equipment and 15 heavy trucks each year	5.80	\$ 66,000	\$ 198,000	\$ 198,000	\$ 214,500	\$ 214,500	\$ 222,750	\$ 222,750	\$ 231,000	\$ 231,000	\$ 235,000	\$ 2,033,500	
810-6	Citywide	Major Equipment Purchases 33/33/34 W/S/D	Garage I Replacement of 2 hydraulic lifts	5.80	\$ 5,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,500	\$ 38,500	
810-7	Citywide	Major Equipment Purchases 33/33/34 W/S/D	Garage II Replacement of 2 heavy equipment lift for wheel alignment, front end rack	5.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,500	\$ 49,500	
843-1	Citywide	Minor Equipment Purchases 33/33/34 W/S/D	Vehicle replacement (small trucks, cars, etc.) at 15 each year	5.80	\$ -	\$ -	\$ 132,000	\$ 132,000	\$ 148,500	\$ 148,500	\$ 156,750	\$ 156,750	\$ 156,750	\$ 165,000	\$ 1,196,250	
843-5	Citywide	Minor Equipment Purchases 33/33/34 W/S/D	Warehouse: Replace shelving	5.71	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000	
807-5	B	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Joseph: Replace elevator controls, cable and governance of east elevator	5.63	\$ 51,150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,150	
546	D	New Drainage Station 4W <u>SWBNO</u>	A new drainage facility is required to supplement the western portion of the drainage basin served by DPS 4. This station will have 1000 cfs capacity with 100% on-site power generation. This project (Contract 5140) is in the construction phase. Costs are associated with engineering services during construction. Design is nearly complete by Design Engineering, Inc. with funding to be provided under the future COE SELA program \$20,726,400 on hold.	5.57								\$ 5,182,000		\$ 5,182,000		
807-4	B	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Joseph: Replace plumbing in the 18 restrooms floor by floor	5.54	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000	
812-3	Citywide	Computer Systems Development 33/33/34 W/S/D	Support Services: Replace or upgrade Cymdrus vehicle management system	5.47	\$ -	\$ -	\$ -	\$ -	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000	

Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total 2014-2023
807-12	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Secure perimeter with new chain link fence. Includes deep footing for support and security.	5.43	\$ 33,000	\$ 33,000	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 99,000
807-7	B	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Joseph: Replace window seals (Atrium is leaking)	5.40	\$ 6,600	\$ 6,600	\$ 6,600	\$ 6,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 26,400
807-6	B	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	St. Joseph: Replace/repair west hydraulic elevator	5.33	\$ 51,150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51,150
512-2	E	Expansion of DPS 15	Upgrade pumping capacity of DPS 15	5.21	\$ -	\$ 500,000	\$ 14,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000,000
453-2	A	Metairie Relief Canal SWBNO	Widen the existing Metairie Relief Canal from Palmetto to Airline Highway. Jefferson Parish has proposed this project. SWBNO 76%/Jefferson Parish 24% (\$1,596,000) Project tied to 483	5.15	\$ -	\$ 342,000	\$ 4,636,000	\$ 76,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,054,000
483	A	Airline and Monticello SWBNO	Construction of a new canal at Airline Drive in coordination with Jefferson Parish. This project will include crossing Airline Drive and will complete the improvements to the Monticello Canal SWBNO 74%, Jefferson 26% - \$2,130,000 scheduling this work must be coordinated with Jefferson Parish and Project 453	5.15	\$ -	\$ 50,000	\$ 361,000	\$ 6,384,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,795,000
512-1	Citywide	Expansion of DPS 15	Renovation of existing facility (painting)	5.10	\$ -	\$ 750,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000
535-3	A	Improvements at DPS 6 SWBNO	Painting outside equipment	5.10	\$ -	\$ -	\$ -	\$ 680,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 680,000
573-2	C	DPS 13 Improvements	Paint exterior equipment (screen cleaners, discharge pipes, etc)	5.10	\$ -	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000
811-2	Citywide	Plant Stationary Equipment 100% D	Laser alignment machine for pump/motors	5.06	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
418-1	Citywide	Normal Extensions & Repairs of Canals	Reconstruction of drainage lines >36"	5.00	\$ 500,000	\$ 520,000	\$ 520,000	\$ 540,000	\$ 540,000	\$ 560,000	\$ 560,000	\$ 580,000	\$ 580,000	\$ 580,000	\$ 5,480,000
843-6	Citywide	Minor Equipment Purchases 33/33/34 W/S/D	Grounds Maintenance: Posthole driver, iron wheel for curves edges	5.00	\$ -	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
811-1	Citywide	Plant Stationary Equipment 100% D	Replacement of bridge cranes, etc.	4.97	\$ 52,000	\$ 50,000	\$ 50,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 60,000	\$ 572,000
812-4	Citywide	Computer Systems Development 33/33/34 W/S/D	Implementation of AVL automatic vehicle locator system	4.83	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000
807-14	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Install new fencing from Garage 1 to Gas Station	4.66	\$ -	\$ 6,600	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,600
812-1	Citywide	Computer Systems Development 33/33/34 W/S/D	Warehouse: Install scanning equipment for inventory, labeling, barcodes, and associated software	4.54	\$ 3,300	\$ 3,300	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,600
807-22	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Repaving of parking lot	4.52	\$ -	\$ 33,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,000
843-42	Citywide	Update Network Infrastructure	Purchase of new routers and switches beyond useful life	3.93	\$ 60,000	\$ 20,000	\$ 13,333	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 93,333

Capital Project #	Council District	Title	Description	Priority Score	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total 2014-2023
843-41	C	New West Bank Yard 33/33/34 W/S/D	Design and construction of new west bank yard, include land acquisition	3.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,805,000
812-2	Citywide	Computer Systems Development 33/33/34 W/S/D	Fuel Islands: Replace existing fuel access system	3.92	\$ -	\$ -	\$ -	\$ 165,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 165,000
807-17	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Fuel Island - Provide for installation of canopy and lights	3.49	\$ -	\$ -	\$ -	\$ -	\$ 16,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,500
807-18	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Fuel Island - Upgrade or replace fuel island	3.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000	\$ 330,000	\$ 660,000
814	Citywide	Re-engineering 33/33/34	Review of organizational structure	3.00	\$ -	\$ -	\$ 330,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 330,000
807-16	D	Improvements to Central Yard & St. Joseph Street 33/33/34 W/S/D	Central Yard: Replace electric gate near warehouse	2.49	\$ -	\$ -	\$ 16,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 16,500
Total					\$ 65,532,851										
Total Drainage Capital Program (including other funds)					\$ 435,437,474	\$ 59,342,267	\$ 74,076,809	\$ 104,846,873	\$ 179,188,618	\$ 21,736,276	\$ 76,062,429	\$ 55,473,984	\$ 48,726,935	\$ 28,781,199	\$ 1,083,672,864

The Payback to Corps of Engineers section is a finance item and should be omitted from the total drainage capital program totals.