

SEWERAGE AND WATER BOARD OF NEW ORLEANS



AMENDED ADOPTED 2011 CAPITAL BUDGET and 2011 – 2015 CAPITAL PROGRAM

June 15, 2011

Sewerage & Water Board of New Orleans
2011 Amended Capital Budget and 2011-2015 Capital Programs
Table of Contents

Five - Year Capital Program Summary – Water, Sewerage & Drainage Departments.....1

Estimated Revenues Available for Water Capital Program.....2

Five – Year Capital Program – Water Department.....3

2011 Funded and Un-funded – Water Department.....4

Supporting Schedule of Participation by Others – Water Department.....5

Estimated Revenues Available for Sewer Capital Program.....6

Five – Year Capital Program – Sewerage Department.....7

2011 Funded and Un-Funded – Sewerage Department.....8

Supporting Schedule of Participation by Others – Sewerage Department.....9

Estimated Revenues Available for Drainage Capital Program.....10

Five – Year Capital Program – Drainage Canals.....11

Five - Year Capital Program – Pumping Stations.....12

2011 Funded and Un-Funded – Drainage Canals.....13

2011 Funded and Un-Funded Pumping Stations.....14

Supporting Schedule of Participation by Others – Drainage Department.....15

Five – Year Capital Program – Power Projects.....16

Sewerage & Water Board of New Orleans
2011 Revised Capital Budget and 2011-2015 Capital Programs
Table of Contents

Five – Year Capital Program – General Budget Items.....17

Water Department – 2011 Capital Program by Quarter.....18

Sewerage Department – 2011 Capital Program by Quarter.....19

Drainage Department – 2011 Capital Program by Quarter.....20

FIVE YEAR CAPITAL PROGRAM (2011 - 2015)
SUMMARY BY DEPARTMENTS (X \$1000)

	2011	2012	2013	2014	2015	TOTAL FIVE-YEAR PROGRAM
WATER DEPARTMENT						
Waterworks	\$46,055	\$80,020	\$44,495	\$41,810	\$12,420	\$224,800
Water Distribution	16,500	16,750	16,000	16,000	16,000	81,250
Prorata of Power Projects	2,210	6,345	1,108	1,230	827	11,720
Water Reserve for Emergencies	700	0	0	0	0	700
Prorata of General Budget Items	9,554	7,384	5,748	8,454	7,697	38,837
TOTAL WATER DEPARTMENT	75,019	110,499	67,351	67,494	36,944	357,307
TOTAL WATER FUNDS AVAILABLE	60,911	0	0	0	0	60,911
SEWERAGE DEPARTMENT						
Sewerage System	47,416	88,229	139,802	40,785	20,565	336,797
Sewage Treatment	46,820	5,666	2,892	4,273	7,552	67,203
Prorata of Power Projects	511	345	1,932	450	393	3,631
Prorata of General Budget Items	8,954	6,884	8,748	7,454	6,695	38,735
TOTAL SEWERAGE DEPARTMENT	103,701	101,124	153,374	52,962	35,205	446,366
TOTAL SEWERAGE FUNDS AVAILABLE	85,451	0	0	0	0	85,451
DRAINAGE DEPARTMENT						
Canals	246,944	336,091	31,758	339,619	80,723	1,035,135
Pumping Stations	887,482	87,149	65,835	21,485	46,348	1,108,299
Prorata of Power Projects	5,874	20,310	8,485	7,095	6,780	48,544
Prorata of General Budget Items	7,971	4,205	3,235	5,829	5,186	26,426
TOTAL DRAINAGE DEPARTMENT	1,148,271	447,755	109,313	374,028	139,037	2,218,404
TOTAL DRAINAGE FUNDS AVAILABLE	1,143,412	0	0	0	0	1,143,412
TOTAL CAPITAL PROJECTS REQUESTED	1,326,991	659,378	330,038	494,484	211,186	3,022,077
TOTAL FUNDS AVAILABLE	\$1,289,774	\$0	\$0	\$0	\$0	\$1,289,774

NOTE: All budget components have been rounded to thousands.
23-Jun-11

SEWERAGE & WATER BOARD OF NEW ORLEANS
 ESTIMATED REVENUES AVAILABLE FOR 2011 CAPITAL BUDGET
 WATER DEPARTMENT (x \$1000)

Operating Revenues:	2011
Water Revenue From Charges	\$53,953
Plus: Other Operating Income	1,567
Plus: Interest Income	88
Plus: Non Operating Revenues (FEMA Reim)	19,600
Total Operating Revenues	<u>75,208</u>
Operating Expenses:	
Less: Operating & Maintenance Expenses	56,988
Less: Debt Service	4,111
Less: Non Operating Expense	295
Total Operating & Non-Operating Expenses	<u>61,394</u>
Net Operating Cash (Total Cash Generated)	13,814
Plus: Participation by Others	47,097
Plus: Net Balance From Prior Years	0
Total Funds Available for Capital	<u>60,911</u>
Water Capital Program Requested	75,019
Less: Total Water Department Funded	59,874
Unfunded Water Capital Program*	<u>\$15,145</u>

* The difference between the amount available for capital projects \$60,911 and the amount of capital projects funded \$59,874 is \$1,037.

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

C.P.# WATERWORKS	2011	2012	2013	2014	2015	TOTAL FIVE-YEAR PROGRAM
*110 Normal Extensions & Replacements	\$9,295	\$9,100	\$8,700	\$6,600	\$7,050	\$40,745
*112 Modifications to Oak St Raw Water Intake Station	5,000	2,000	25	0	0	7,025
*122 Sycamore and Claiborne Filter Rehabilitation	1,500	3,900	3,000	6,500	5,000	19,900
135 Improvements to Chemical System	500	1,800	500	1,100	250	4,150
156 Advanced Water Treatment (Carr.)	200	7,500	5,000	4,560	120	17,380
157 Advanced Water Treatment (Algiers)	2,450	1,500	2,750	1,050	0	7,750
159 Water Plant Security Improvements	2,000	1,170	4,520	2,000	0	9,690
175 Water Hurricane Recovery Bonds	25,110	53,050	20,000	20,000	0	118,160
TOTAL WATERWORKS	46,055	80,020	44,495	41,810	12,420	224,800
C.P.# WATER DISTRIBUTION						
*214 Normal Extensions & Replacements	1,200	1,200	1,200	1,200	1,200	6,000
*216 Water System Replacement Program	11,500	11,750	11,000	11,000	11,000	56,250
221 Feeder Main Extensions-General	600	600	600	600	600	3,000
*239 Mains D P W Contracts	3,200	3,200	3,200	3,200	3,200	16,000
TOTAL WATER DISTRIBUTION	16,500	16,750	16,000	16,000	16,000	81,250
600 Water Share of Power Projects	2,210	6,345	1,108	1,230	827	11,720
701 Water Reserve for Emergencies	700	0	0	0	0	700
800 Water Share - General Budget Items	9,554	7,384	5,748	8,454	7,697	38,837
TOTAL WATER DEPARTMENT	\$75,019	\$110,499	\$67,351	\$67,494	\$36,944	\$357,307

* Replacement Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS
 2011 CAPITAL BUDGET REQUESTED
 WATER DEPARTMENT (x \$1000)

C.P.#	WATERWORKS	2011 Requested	2011 Funded	2011 Unfunded
* 110	Normal Extensions & Replacements	\$9,295	\$6,370	\$2,925
* 112	Modifications to Oak St Raw Water Intake Station	5,000	5,000	0
* 122	Sycamore and Claiborne Filter Rehabilitation	1,500	0	1,500
135	Improvements to Chemical System	500	0	500
156	Advanced Water Treatment (Carr.)	200	200	0
157	Advanced Water Treatment (Algiers)	2,450	150	2,300
159	Water Plant Security Improvements	2,000	2,000	0
175	Water Hurricane Recovery Bonds	25,110	25,110	0
TOTAL WATERWORKS		46,055	38,830	7,225
C.P.#	WATER DISTRIBUTION			
* 214	Normal Extensions & Replacements	1,200	1,200	0
* 216	Water System Replacement Program	11,500	10,000	1,500
221	Feeder Main Extensions-General	600	0	600
* 239	Mains D P W Contracts	3,200	0	3,200
TOTAL WATER DISTRIBUTION		16,500	11,200	5,300
600	Water Share of Power Projects	2,210	1,473	737
701	Water Reserve for Emergencies	700	0	700
800	Water Share - General Budget Items	9,554	8,371	1,183
TOTAL WATER DEPARTMENT**		\$75,019	\$59,874	\$15,145

* Replacement Capital

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

C. P. # PARTICIPATION BY OTHERS	2011	2012	2013	2014	2015	TOTAL FIVE-YEAR PROGRAM
110 Normal Extensions & Replacements (Waterworks)	\$3,150	\$0	\$0	\$0	\$0	\$3,150
112 Modifications to Oak St Raw Water Intake Station	150	0	0	0	0	150
156 Advanced Water Treatment (Carr.)	200	0	0	0	0	200
159 Water Plant Security Improvements	2,000	1,170	2,900	0	0	6,070
175 Water Hurricane Recovery Bonds	25,110	53,050	20,000	20,000	0	118,160
214 Normal Extensions & Replacements (Water Distribution)	1,200	1,200	1,200	1,200	1,200	6,000
216 Water System Replacement Program	10,000	10,000	10,000	10,000	10,000	50,000
613 Modifications to Power Generating System	1,066	0	0	0	0	1,066
807 Improvements to Central Yard & St Joseph St	1,048	0	0	330	660	2,038
810 Major Equipment Purchases	2,701	0	0	0	0	2,701
843 Minor Equipment Purchases	472	0	0	0	0	472
TOTAL ANTICIPATED PARTICIPATION	\$47,097	\$65,420	\$34,100	\$31,530	\$11,860	\$190,007

SEWERAGE & WATER BOARD OF NEW ORLEANS
 ESTIMATED REVENUES AVAILABLE FOR 2011 Capital Budget
 SEWERAGE DEPARTMENT (x \$1000)

	2011
Operating Revenues:	
Sewer Revenue From Charges	\$68,108
Plus: Other Operating Income	1,248
Plus: Interest Income	205
Plus: Non Operating Revenues (FEMA Reim)	6,577
Total Operating & Non Operating Revenues	<u>76,138</u>
Less: Operating & Maintenance Expenses	42,903
Less: Debt Service	20,250
Less: Non Operating Expense	295
Total Operating & Non Operating Expenses	<u>63,448</u>
Net Operating Cash (Total Cash Generated)	<u>12,690</u>
Plus: Participation by Others	72,761
Plus: Net Balance From Prior Years	0
Total Funds Available for Capital	<u>85,451</u>
Sewer Capital Program Requested	<u>103,701</u>
Less: Total Sewerage Department Funded	85,242
Unfunded Sewerage Capital Program*	<u>\$18,459</u>

* The difference between the amount available for capital projects \$85,451 and the amount of capital projects funded \$85,242 is \$209.

23-Jun-11

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

C.P.# SEWERAGE SYSTEM	2011	2012	2013	2014	2015	TOTAL FIVE-YEAR PROGRAM
300 Engineering Inspection of Sewerage Installation	\$10	\$10	\$10	\$10	\$15	\$55
313 Ext & Replace - Sewer Force Mains EPA Consent Decree	0	0	0	0	2,250	2,250
*317 Ext & Replace - Gravity Mains EPA Consent Decree	14,146	51,069	91,985	2,500	200	159,900
*318 Rehabilitation Gravity Sewer System	6,300	6,300	6,300	6,600	6,600	32,100
*319 Extension and Replacements - Sanitary Sewer Mains Algiers	500	500	10,650	10,725	500	22,875
*326 Ext & Rep. to Pumping Stations EPA Consent Decree	2,300	3,850	10,857	5,650	1,000	23,657
*339 Mains In D P W Contracts EPA Consent Decree	10,000	10,000	10,000	5,300	0	35,300
358 Normal Extensions & Replacements	0	0	0	0	0	0
368 Wetland Assimilation	3,500	6,500	0	0	0	10,000
375 Sewerage Hurricane Recovery Bonds	10,660	10,000	10,000	10,000	10,000	50,660
TOTAL SEWERAGE SYSTEM	47,416	88,229	139,802	40,785	20,565	336,797
SEWAGE TREATMENT						
*348 Ext & Replace -Treatment Plants	46,307	2,272	2,423	3,930	3,742	58,674
381 Modification & Extension of WBSTP to 20/50 MGD	513	3,394	469	343	3,810	8,529
TOTAL SEWAGE TREATMENT	46,820	5,666	2,892	4,273	7,552	67,203
600 Sewer Share of Power Projects	511	345	1,932	450	393	3,631
800 Sewer Share of General Budget Items	8,954	6,884	8,748	7,454	6,695	38,735
TOTAL SEWERAGE DEPARTMENT	\$103,701	\$101,124	\$153,374	\$52,962	\$35,205	\$446,366

* Replacement Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS
 2011 CAPITAL BUDGET REQUESTED
 SEWERAGE DEPARTMENT (x \$1000)

C.P.#	SEWERAGE SYSTEM	2011 Requested	2011 Funded	2011 Unfunded
300	Engineering Inspection of Sewerage Installation	\$10	\$0	\$10
313	Ext & Replace - Sewer Force Mains EPA Consent Decree	0	0	0
*317	Ext & Replace - Gravity Mains EPA Consent Decree	14,146	14,146	0
*318	Rehabilitation Gravity Sewer System	6,300	6,300	0
*319	Extension and Replacements - Sanitary Sewer Mains Algiers	500	0	500
*326	Ext & Rep. to Pumping Stations EPA Consent Decree	2,300	1,800	500
*339	Mains In D P W Contracts EPA Consent Decree	10,000	0	10,000
368	Wetland Assimilation	3,500	3,500	0
375	Sewerage Hurricane Recovery Bonds	10,660	10,660	0
TOTAL SEWERAGE SYSTEM		47,416	36,406	11,010
SEWAGE TREATMENT				
*348	Ext & Replace -Treatment Plants	46,307	39,850	6,457
381	Modification & Extension of WBSTP to 20/50 MGD	513	0	513
TOTAL SEWAGE TREATMENT		46,820	39,850	6,970
600	Sewer Share of Power Projects	511	502	9
800	Sewer Share of General Budget Items	8,954	8,484	470
TOTAL SEWERAGE DEPARTMENT**		\$103,701	\$85,242	\$18,459

* Replacement Capital

** Capital Projects funded for year 2011 was \$209 less than funds available.

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

C. P. # PARTICIPATION BY OTHERS	2011	2012	2013	2014	2015	TOTAL FIVE-YEAR PROGRAM
317 Extensions & Repl. - Sewer Force Mains EPA Consent Decree	\$13,578	\$3,000	\$0	\$0	\$0	\$16,578
318 Rehabilitation Gravity Sewer System	1,100	1,100	1,100	1,200	1,200	5,700
326 Extensions & Repl. - Pumping Stations EPA Consent Decree	700	0	0	0	0	700
348 Extensions & Repl. - Treatment Plants	38,850	0	0	0	0	38,850
368 Wetland Assimilation	3,500	6,500	0	0	0	10,000
375 Sewerage Hurricane Recovery Bonds	10,660	10,000	10,000	10,000	0	40,660
613 Modifications to Power Generating System	152	0	0	0	0	152
807 Improvements to Central Yard & St Joseph St	1,048	0	0	330	660	2,038
810 Major Equipment Purchases	2,701	0	0	0	0	2,701
843 Minor Equipment Purchases	472	0	0	0	0	472
TOTAL ANTICIPATED PARTICIPATION	\$72,761	\$20,600	\$11,100	\$11,530	\$1,860	\$117,851

SEWERAGE AND WATER BOARD OF NEW ORLEANS
 ESTIMATED REVENUE AVAILABLE FOR 2011 CAPITAL BUDGET
 DRAINAGE DEPARTMENT (X \$1000)

	2011
Operating Revenues:	
Plus: Three-Mill Ad Valorem Tax (4.66 Mills)	\$12,369
Plus: Six-Mill Ad Valorem Tax (4.71 Mills)	12,502
Plus: Nine-Mill Ad Valorem Tax (7.06 Mills)	18,740
Total Ad Valorem Tax (16.43 Mills)	<u>43,611</u>
Net Balance From Prior Year	15,500
Plus: Interest Income	217
Plus: Non - Operating Revenue (FEMA)	152
Total Operating & Non Operating Revenues	<u>59,480</u>
Operating Expenses:	
Less: Operating & Maintenance Expenses	32,550
Less: Debt Service	2,197
Less: Non - Operating Expenses	295
Total Operating & Non Operating Expenses	<u>35,042</u>
Net Operating Cash (Total Cash Generated)	<u>24,438</u>
Plus: Participation by Others	<u>1,118,974</u>
Total Funds Available for Capital	<u>1,143,412</u>
Drainage Capital Program Requested	1,148,271
Less: Total Drainage Department Funded	1,142,011
Unfunded Drainage Capital Program*	<u>\$6,260</u>

* The difference between the amount available for Capital \$1,143,412 and the amount of Capital funded \$1,142,010 is \$1,401.

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

C.P.# CANALS	2011	2012	2013	2014	2015	TOTAL FIVE-YEAR PROGRAM
400 Engineering Inspection of Drainage Installation	\$10	\$10	\$10	\$10	\$15	\$55
* 418 Normal Extensions & Replacements	1,055	650	3,450	350	350	5,855
439 Major Drainage Participation in D P W Projects	4,300	4,300	4,300	4,300	4,300	21,500
453 Improvements to Metairie Relief Canal (S&WB 76% Part.)	450	6,100	100	0	0	6,650
466 Louisiana Avenue Canal (SELA)	140	100,126	3,848	1,924	0	106,038
471 SELA Program Management (**)	1,500	1,500	1,500	1,500	1,500	7,500
472 Tchoupitoulas Corridor	0	0	250	12,000	0	12,250
474 Melpomene Street Canal	50	0	0	0	0	50
476 Hollygrove Canal (SELA)	50	0	0	0	0	50
478 So. Claiborne-Lowerline To Monticello St. (SELA)	97,038	1,606	225	1,094	0	99,963
483 Airline & Monticello Canal Improvements	0	50	475	8,400	0	8,925
486 Napoleon Avenue Canal Improvements (SELA)	75,104	47,801	1,903	0	0	124,808
492 Donner Canal Improvements (SELA)	50	1,750	0	116,500	0	118,300
496 General De Gaulle Canal (SELA)	300	550	3,000	73,000	72,200	149,050
497 Florida Avenue Canal - DPS # 19 to Peoples (SELA)	420	111,390	9,272	118,013	2,358	241,453
498 Dwyer Intake Canal (St. Charles Canal to Dwyer DPS) (SELA)	750	250	0	0	0	1,000
499 Jefferson Avenue Canal (SELA)	65,727	60,008	3,425	2,528	0	131,688
TOTAL DRAINAGE CANALS	\$246,944	\$336,091	\$31,758	\$339,619	\$80,723	\$1,035,135

* 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
 FIVE-YEAR CAPITAL PROGRAM
 DRAINAGE DEPARTMENT (x \$1000)

C.P.# PUMPING STATIONS	2011	2012	2013	2014	2015	TOTAL FIVE-YEAR PROGRAM
*511 Normal Extensions & Replacements - Stations	\$7,000	\$6,800	\$7,000	\$20,760	\$6,940	\$48,500
512 Expansion of DPS #15	1,500	0	15,000	0	0	16,500
535 DPS # 6 Improvements	400	0	0	0	13,500	13,900
546 DPS #4 West - Build a 1000 CFS Station (SELA)	0	0	0	0	25,908	25,908
554 Expansion of Dwyer DPS (SELA)	50	0	0	0	0	50
557 Flood Gate - DPS #16 Discharge Tunnel	0	0	1,000	0	0	1,000
573 DPS # 13 Improvements (SELA)	0	500	33,325	725	0	34,550
575 Hurricane Recovery Bonds	660	0	0	0	0	660
576 COE Storm Proofing Projects	77,872	79,849	9,510	0	0	167,231
578 Permanent Pump Stations at the Lake,Elaine DPS Repairs	800,000	0	0	0	0	800,000
TOTAL DRAINAGE PUMPING STATION	887,482	87,149	65,835	21,485	46,348	1,108,299
600 Drainage Share of Power Projects	5,874	20,310	8,485	7,095	6,780	48,544
800 Drainage Share of General Budget Items	7,971	4,205	3,235	5,829	5,186	26,426
TOTAL DRAINAGE DEPARTMENT	\$1,148,271	\$447,755	\$109,313	\$374,028	\$139,037	\$2,218,404

* Replacement Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS
 2011 CAPITAL BUDGET REQUESTED
 DRAINAGE DEPARTMENT (x \$1000)

C.P.# CANALS	2011 Requested	2011 Funded	2011 Unfunded
400 Engineering Inspection of Drainage Installation	\$10	\$0	\$10
* 418 Normal Extensions & Replacements	1,055	1,055	0
439 Major Drainage Participation in D P W Projects	4,300	0	4,300
453 Improvements to Metairie Relief Canal (S&WB 76% Part.)	450	0	450
466 Louisiana Avenue Canal (SELA)	140	140	0
471 SELA Program Management (**)	1,500	1,500	0
474 Melpomene Street Canal	50	50	0
476 Hollygrove Canal (SELA)	50	50	0
478 So. Claiborne-Lowerline To Monticello St. (SELA)	97,038	97,038	0
486 Napoleon Avenue Canal Improvements (SELA)	75,104	75,104	0
492 Donner Canal Improvements (SELA)	50	50	0
496 General De Gaulle Canal (SELA)	300	300	0
497 Florida Avenue Canal - DPS # 19 to Peoples (SELA)	420	420	0
498 Dwyer Intake Canal (St. Charles Canal to Dwyer DPS) (SELA)	750	750	0
499 Jefferson Avenue Canal (SELA)	65,727	65,727	0
TOTAL DRAINAGE CANALS	\$246,944	\$242,184	\$4,760

* 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
 FIVE-YEAR CAPITAL PROGRAM
 DRAINAGE DEPARTMENT (x \$1000)

C.P.# PUMPING STATIONS

	2011	2011 Funded	2011 Unfunded
*511 Normal Extensions & Replacements - Stations	\$7,000	\$7,000	\$0
512 Expansion of DPS #15	1,500	0	1,500
535 DPS # 6 Improvements	400	400	0
546 DPS #4 West - Build a 1000 CFS Station (SELA)	0	0	0
554 Expansion of Dwyer DPS (SELA)	50	50	0
557 Flood Gate - DPS #16 Discharge Tunnel	0	0	0
573 DPS # 13 Improvements (SELA)	0	0	0
575 Hurricane Recovery Bonds	660	660	0
576 COE Storm Proofing Projects	77,872	77,872	0
578 Permanent Pump Stations at the Lake,Elaine DPS Repairs	800,000	800,000	0
TOTAL DRAINAGE PUMPING STATION	887,482	885,982	1,500
600 Drainage Share of Power Projects	5,874	5,874	\$0
800 Drainage Share of General Budget Items	7,971	7,971	\$0
TOTAL DRAINAGE DEPARTMENT**	\$1,148,271	\$1,142,011	\$6,260

* Replacement Capital

** Capital Projects funded for year 2011 was \$1,402 less than funds available.

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

C. P. # PARTICIPATION BY OTHERS	2011	2012	2013	2014	2015	TOTAL FIVE-YEAR PROGRAM	
418 Normal Extensions & Replacements							
453 Improvements to Metairie Relief Canal (S&WB 76% Part.)	\$1,055	\$300	\$300	\$350	\$350	\$2,355	Force Account
466 Louisiana Avenue Canal (SELA)	108	1,464	24	0	0	1,596	Jefferson Parish
472 Tchoupitoulas Corridor	0	105,525	0	0	0	105,525	C O E & DPW
478 S Claiborne-Lowerline To Monticello St. (SELA)	0	0	0	1,850	0	1,850	Dock Board
483 Airline and Monticello	94,747	0	0	0	0	94,747	C O E
486 Napoleon Canal Improvements (SELA)	0	114	2,016	0	0	2,130	Jefferson Parish
492 Donner Canal Improvements (SELA)	69,080	0	0	0	0	69,080	C O E
496 General DeGaulle Canal (SELA)	0	0	25,275	30,950	0	56,225	C O E
497 Florida Avenue Canal - Peoples Ave. Subbasin (SELA)	0	39,000	45,500	0	0	84,500	C O E ; RPC; CCC; DODT
499 Jefferson Avenue Canal (SELA)	0	100,944	0	0	0	100,944	C O E & SWFC
511 Normal Extensions & Replacements - DPS	65,727	0	0	0	0	65,727	C O E
535 DPS # 6 Improvements	750	0	0	0	0	750	FEMA
546 DPS # 4 West - Build a 1000 CSF Station (SELA)	128	0	0	0	4,320	4,448	Jefferson Parish
557 New Flood Gates at DPS #16 Discharged(St. Charles)-COE	0	0	0	0	20,726	20,726	C O E
573 DPS # 13 Improvements (SELA)	0	0	1,000	0	0	1,000	C O E
575 Hurricane Recovery Bonds	0	20,150	325	0	0	20,475	C O E
576 COE Storming Proofing Projects	660	0	0	0	0	660	FEMA
578 Permanent Pump Stations at the Lake,Elaine DPS Repairs	77,871	64,604	7,863	0	0	150,338	C O E
601 Earhart Corridor	800,000	0	0	0	0	800,000	C O E
613 Modifications to Power Generating System	800	0	0	0	0	800	C O E
807 Improvements to Central Yard & St Joseph St	3,827	18,500	0	0	0	22,327	C O E
810 Major Equipment Purchases	1,048	0	0	330	0	1,378	FEMA
843 Minor Equipment Purchases	2,701	0	0	0	0	2,701	FEMA
	472	0	0	0	0	472	FEMA
TOTAL ANTICIPATED PARTICIPATION	\$1,118,974	\$350,601	\$82,303	\$33,480	\$25,396	\$1,610,754	

SEWERAGE AND WATER BOARD OF NEW ORLEANS
 FIVE-YEAR CAPITAL PROGRAM
 POWER PROJECTS (x \$1000)

C.P.# POWER PROJECTS	2011	2012	2013	2014	2015	TOTAL FIVE-YEAR PROGRAM
601 Earhart Blvd. Corridor						
609 Normal Extension & Replacement of Radio	\$800	\$0	\$0	\$0	\$0	\$800
610 Underground Power Feeders	\$50	\$0	\$0	\$0	\$0	50
612 Furn Generators for Drainage Facilities	0	550	5,425	4,325	4,950	15,250
613 Modification of Steam System	0	0	250	250	0	500
* 624 Extension & Replacements to Electrical System	6,685	22,990	3,590	3,400	12,250	48,915
676 Redundant Feeder to Station A	1,060	3,460	760	760	760	6,800
	0	0	1,500	0	0	1,500
TOTAL POWER PROJECTS	\$8,595	\$27,000	\$11,525	\$8,735	\$17,960	\$73,815

* Replacement Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS
 FIVE-YEAR CAPITAL PROGRAM
 GENERAL BUDGET ITEMS (x \$1000)

C.P.# GENERAL BUDGET ITEMS	2011	2012	2013	2014	2015	TOTAL FIVE-YEAR PROGRAM
800 Sewer Share of General Budget						
803 Propety Acquisition	\$0	\$0	\$4,000	\$0	\$0	\$4,000
807 Improvements to Central Yard & St. Joseph Street	100	0	0	0	0	100
808 Improvement to Customer Service Satellite	4,124	372	219	1,129	2,148	7,992
* 810 Major Equipment Purchases	50	0	0	0	0	50
* 811 Plant Stationary Equipment	8,107	109	45	704	600	9,565
* 812 Computer Systems Development	129	51	55	50	50	335
814 Re-engineering	557	4,018	1,364	7,409	2,518	15,866
820 Overhead Charged to Capital	0	1,000	0	0	0	1,000
823 Purchase of Water Meters	8,400	8,400	8,400	8,400	8,400	42,000
842 Revenue Department Equipment Purchases	2,000	2,000	2,000	2,000	2,000	10,000
* 843 Minor Equipment Purchases	265	0	0	0	180	445
862 Fire Hydrants and Related Parts	2,247	2,025	639	1,147	2,684	8,742
	500	500	1,000	1,000	1,000	15,866
TOTAL GENERAL BUDGET ITEMS	\$26,479	\$18,475	\$13,722	\$21,839	\$19,580	\$115,961

* Replacment Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS
 WATER DEPARTMENT (x \$1000)
 2011 CAPITAL PROGRAM BY QUARTER

C.P.# WATERWORKS	2011 TOTAL PROGRAM	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
* 110 Normal Extensions & Replacements	\$9,295	\$2,323	\$2,324	\$2,324	\$2,324
* 112 Modifications to Oak St Raw Water Intake Station	5,000	1,250	1,250	1,250	1,250
* 122 Filter Rehabilitation	1,500	375	375	375	375
135 Improvements to Chemical System	500	125	125	125	125
156 Advanced Water Treatment (Carr.)	200	50	50	50	50
157 Advanced Water Treatment (Algiers)	2,450	613	613	613	614
159 Water Plant Security Improvements	2,000	500	500	500	500
175 Water Hurricane Recovery Bonds	25,110	6,277	6,277	6,278	6,278
TOTAL WATERWORKS	46,055	11,513	11,514	11,515	11,516
C.P.# WATER DISTRIBUTION					
* 214 Normal Extensions & Replacements	1,200	300	300	300	300
* 216 Water System Replacement Program	11,500	2,875	2,875	2,875	2,875
221 Feeder Main Extensions-General	600	150	150	150	150
* 239 Mains In D P W Contracts	3,200	800	800	800	800
TOTAL WATER DISTRIBUTION	16,500	4,125	4,125	4,125	4,125
600 Water Share of Power Projects	2,210	552	552	552	554
701 Water Reserve for Emergencies	700	175	175	175	175
800 Water Share - General Budget Items	9,554	2,388	2,388	2,389	2,389
TOTAL WATER DEPARTMENT	\$75,019	\$18,753	\$18,754	\$18,756	\$18,759

* Replacement Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS
 SEWERAGE DEPARTMENT (x \$1000)
 2011 CAPITAL PROGRAMS BY QUARTER

C.P.# SEWERAGE SYSTEM	2011 TOTAL PROGRAM	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
300 Engineering Inspection of Sewerage Installations	\$10	\$3	\$2	\$3	\$2
* 317 Extensions & Replacements - Gravity Mains	14,146	3,536	3,536	3,537	3,537
* 318 Rehabilitation Gravity Sewer System	6,300	1,575	1,575	1,575	1,575
* 319 Extensions & Replacements - Sanitary Sewer Mains Algiers	500	125	125	125	125
* 326 Extensions & Replacements to Sewer Pumping Stations	2,300	575	575	575	575
* 339 Mains In D P W Contracts	10,000	2,500	2,500	2,500	2,500
368 Wetland Assimilation	3,500	875	875	875	875
375 Sewerage Hurricane Recovery Bonds	10,660	2,665	2,665	2,665	2,665
TOTAL SEWERAGE SYSTEM	47,416	11,854	11,853	11,855	11,854
C.P.# SEWAGE TREATMENT					
* 348 Extensions & Replacements - Treatment Plants	46,307	11,577	11,577	11,577	11,576
381 Modification & Extension of WBSTP to 20/50 MGD	513	128	128	128	129
TOTAL SEWAGE TREATMENT	46,820	11,705	11,705	11,705	11,705
600 Sewer Share of Power Projects	511	127	128	128	128
800 Sewer Share of General Budget Items	8,954	2,238	2,238	2,239	2,239
TOTAL SEWERAGE DEPARTMENT	\$103,701	\$25,924	\$25,924	\$25,927	\$25,926

* Replacement Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS
DRAINAGE DEPARTMENT (x \$1000)
2011 CAPITAL PROGRAM BY QUARTER

C.P.# DRAINAGE CANALS	2011 TOTAL PROGRAM	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
400 Engineering Inspection of Drainage Installation	\$10	\$3	\$2	\$3	\$2
* 418 Normal Extensions & Replacements	1,055	263	264	264	264
439 Major Drainage Participation in D P W Projects	4,300	1,075	1,075	1,075	1,075
453 Improvements to Metairie Relief Canal (S&WB 76% Part.)	450	113	113	112	112
466 Louisiana Avenue Canal (SELA)	140	35	35	35	35
471 SELA Program Management (**)	1,500	375	375	375	375
474 Melpomene Street Canal	50	12	13	12	13
476 Hollygrove Canal (SELA)	50	12	13	12	13
478 So. Claiborne-Lowerline To Monticello St. (SELA)	97,038	24,259	24,259	24,260	24,260
486 Napoleon Avenue Canal Improvements (SELA)	75,104	18,776	18,776	18,776	18,776
492 Donner Canal Improvements (SELA)	50	12	12	13	13
496 General De Gaulle Canal (SELA)	300	75	75	75	75
497 Florida Avenue Canal - DPS # 19 to Peoples (SELA)	420	105	105	105	105
498 Dwyer Intake Canal (St. Charles Canal to Dwyer DPS) (SELA)	750	187	187	188	188
499 Jefferson Avenue Canal (SELA)	65,727	16,431	16,432	16,432	16,432
C.P.# DRAINAGE PUMPING STATIONS	246,944	61,733	61,736	61,737	61,738
*511 Normal Extensions & Replacements - Stations	7,000	1,750	1,750	1,750	1,750
512 Expansion of DPS #15	1,500	375	375	375	375
535 DPS # 6 Improvements	400	100	100	100	100
554 Expansion of Dwyer DPS (SELA)	50	12	12	13	13
575 Hurricane Recovery Bonds	660	165	165	165	165
576 COE Storm Proofing Projects	77,871	19,467	19,468	19,468	19,468
578 Permanent Pump Stations at the Lake, Elaine DPS Repairs	800,000	200,000	200,000	200,000	200,000
	887,481	221,869	221,870	221,871	221,871
600 Drainage Share of Power Projects	5,874	1,468	1,468	1,469	1,469
800 Drainage Share of General Budget Items	7,971	1,992	1,993	1,993	1,993
TOTAL DRAINAGE DEPARTMENT	\$1,148,270	\$287,062	\$287,067	\$287,070	\$287,071

* Replacement Capital