

SEWERAGE and WATER BOARD of NEW ORLEANS



ADOPTED 2012 CAPITAL BUDGET and 2012 – 2021 CAPITAL PROGRAM

December 21, 2011

Sewerage & Water Board of New Orleans
2012 Adopted Capital Budget and 2012-2021 Capital Program
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TEN YEAR CAPITAL PROGRAM (2012 - 2021)
SUMMARY BY DEPARTMENTS (X \$1000)

	2012	2013	2014	2015	2016	TOTAL FIVE-YEAR PROGRAM	2017	2018	2019	2020	2021	TOTAL TEN-YEAR PROGRAM
WATER DEPARTMENT												
Waterworks	\$85,091	\$139,165	\$67,530	\$60,790	\$64,240	\$416,816	\$29,282	\$18,830	\$20,020	\$42,170	\$136,270	663,388
Water Distribution	7,100	6,950	6,230	6,230	6,250	32,760	6,250	6,275	6,275	6,300	6,300	64,160
Prorata of Power Projects	2,626	4,398	1,470	1,068	630	10,192	630	630	630	630	630	13,342
Water Reserve for Emergencies	700	0	0	0	0	700	0	0	0	0	0	700
Prorata of General Budget Items	6,478	7,184	8,670	7,148	8,053	37,533	6,467	5,580	7,225	6,904	8,069	71,778
TOTAL WATER DEPARTMENT	101,995	157,697	83,900	75,236	79,173	498,001	42,629	31,315	34,150	56,004	151,269	813,368
TOTAL WATER FUNDS AVAILABLE	79,545	0	0	0	0	79,545	0	0	0	0	0	0
SEWERAGE DEPARTMENT												
Sewerage System	110,201	119,945	42,467	32,135	27,650	332,398	21,660	22,200	22,200	22,450	22,750	443,658
Sewage Treatment	3,295	4,671	3,530	5,830	8,072	25,398	10,500	0	0	0	0	35,898
Prorata of Power Projects	282	243	1,710	153	90	2,478	590	5,090	90	90	90	8,428
Prorata of General Budget Items	5,878	6,683	8,647	6,147	7,080	34,435	5,465	4,605	6,246	5,979	6,993	63,723
TOTAL SEWERAGE DEPARTMENT	119,656	131,542	56,354	44,265	42,892	394,709	38,215	31,895	28,536	28,519	29,833	551,707
TOTAL SEWERAGE FUNDS AVAILABLE	81,120	0	0	0	0	81,120	0	0	0	0	0	0
DRAINAGE DEPARTMENT												
Canals	420,145	166,927	134,152	88,941	216,748	1,026,913	5,690	5,260	5,260	5,280	5,330	1,053,733
Pumping Stations	885,661	27,271	40,410	7,940	2,000	963,282	2,600	35,050	2,700	40,408	14,500	1,058,540
Prorata of Power Projects	25,237	9,085	7,095	6,780	5,680	53,877	6,080	480	1,080	1,080	1,080	63,677
Prorata of General Budget Items	4,892	3,994	5,478	4,715	5,775	24,854	4,160	3,396	5,033	4,870	6,026	48,339
TOTAL DRAINAGE DEPARTMENT	1,335,935	207,277	187,135	108,376	230,203	2,068,926	18,530	44,186	14,073	51,638	26,936	2,224,289
TOTAL DRAINAGE FUNDS AVAILABLE	1,159,084	0	0	0	0	1,159,084	0	0	0	0	0	0
TOTAL CAPITAL PROJECTS REQUESTED	1,557,586	496,516	327,389	227,877	352,268	2,961,636	99,374	107,396	76,759	136,161	208,038	3,589,364
TOTAL FUNDS AVAILABLE	\$1,319,749	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

NOTE: All budget components have been rounded to thousands.
05-Jan-12

SEWERAGE & WATER BOARD OF NEW ORLEANS
 ESTIMATED REVENUES AVAILABLE FOR 2012 CAPITAL BUDGET
 WATER DEPARTMENT (x \$1000)

Operating Revenues:	2012
Water Revenue From Charges	\$59,943
Plus: Other Operating Income	1,610
Plus: Interest Income	44
Plus: Non Operating Revenues (FEMA Reim)	<u>10,674</u>
Total Operating Revenues	72,271
Operating Expenses:	
Less: Operating & Maintenance Expenses	57,356
Less: Debt Service	4,086
Less: Non Operating Expense	<u>295</u>
Total Operating & Non-Operating Expenses	61,737
Net Operating Cash (Total Cash Generated)	10,534
Plus: Participation by Others	69,011
Plus: Net Balance From Prior Years	<u>0</u>
Total Funds Available for Capital	79,545
Water Capital Program Requested	101,995
Less: Total Water Department Funded	<u>79,530</u>
Unfunded Water Capital Program*	\$22,465

* The difference between the amount available for Capital \$79,545 and the amount of Capital funded \$79,530 is \$15,000.

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

C.P.#	WATERWORKS	2012	2013	2014	2015	2016	TOTAL FIVE-YEAR PROGRAM	2017	2018	2019	2020	2021	TOTAL TEN-YEAR PROGRAM
*110	Normal Extensions & Replacements	\$8,211	\$14,920	\$6,720	\$7,070	\$6,770	\$43,691	\$7,270	\$6,770	\$8,020	\$9,170	\$17,270	\$92,191
*112	Modifications to Oak St Raw Water Intake Station	4,850	25	0	0	0	4,875	0	0	0	20,000	0	24,875
*122	Sycamore and Claiborne Filter Rehabilitation	2,500	4,100	6,800	6,500	10,200	30,100	10,000	0	0	0	0	40,100
135	Improvements to Chemical System	500	2,050	1,250	100	150	4,050	0	0	0	0	0	4,050
156	Advanced Water Treatment (Carr.)	1,200	17,000	4,560	120	120	23,000	12	60	0	0	0	23,072
157	Advanced Water Treatment (Algiers)	3,050	9,000	1,200	0	0	13,250	0	0	0	1,000	9,000	23,250
158	Water Treatment Carr.	0	0	0	0	0	0	0	0	0	0	100,000	100,000
159	Water Plant Security Improvements	3,170	4,520	2,000	2,000	2,000	13,690	2,000	2,000	2,000	2,000	0	21,690
175	Water Hurricane Recovery Bonds	61,610	87,550	45,000	45,000	45,000	284,160	10,000	10,000	10,000	10,000	10,000	334,160
TOTAL WATERWORKS		85,091	139,165	67,530	60,790	64,240	416,816	29,282	18,830	20,020	42,170	136,270	663,388
C.P.# WATER DISTRIBUTION													
*214	Normal Extensions & Replacements	1,400	1,400	1,430	1,430	1,450	7,110	1,450	1,475	1,475	1,500	1,500	14,510
*216	Water System Replacement Program	1,900	1,750	1,000	1,000	1,000	6,650	1,000	1,000	1,000	1,000	1,000	11,650
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
TOTAL WATER DISTRIBUTION		7,100	6,950	6,230	6,230	6,250	32,760	6,250	6,275	6,275	6,300	6,300	64,160
600	Water Share of Power Projects	2,626	4,398	1,470	1,068	630	10,192	630	630	630	630	630	13,342
701	Water Reserve for Emergencies	700	0	0	0	0	700	0	0	0	0	0	700
800	Water Share - General Budget Items	6,478	7,184	8,670	7,148	8,053	37,533	6,467	5,580	7,225	6,904	8,069	71,778
TOTAL WATER DEPARTMENT		\$101,995	\$157,697	\$83,900	\$75,236	\$79,173	\$498,001	\$42,629	\$31,315	\$34,150	\$56,004	\$151,269	\$813,368

* Replacement Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS
 2012 CAPITAL BUDGET REQUESTED
 WATER DEPARTMENT (x \$1000)

C.P.#	WATERWORKS	2012 Requested	2012 Funded	2012 Unfunded
* 110	Normal Extensions & Replacements	\$8,211	1,795	\$6,416
* 112	Modifications to Oak St Raw Water Intake Station	\$4,850	4,850	0
* 122	Sycamore and Claiborne Filter Rehabilitation	\$2,500	0	2,500
135	Improvements to Chemical System	\$500	0	500
156	Advanced Water Treatment (Carr.)	\$1,200	200	1,000
157	Advanced Water Treatment (Algiers)	\$3,050	150	2,900
159	Water Plant Security Improvements	\$3,170	3,170	0
175	Water Hurricane Recovery Bonds	\$61,610	61,610	0
	TOTAL WATERWORKS	85,091	71,775	13,316
C.P.#	WATER DISTRIBUTION			
* 214	Normal Extensions & Replacements	1,400	1,400	0
* 216	Water System Replacement Program	1,900	400	1,500
221	Feeder Main Extensions-General	600	0	600
* 239	Mains D P W Contracts	3,200	0	3,200
	TOTAL WATER DISTRIBUTION	7,100	1,800	5,300
600	Water Share of Power Projects	2,626	1,206	1,420
701	Water Reserve for Emergencies	700	700	0
800	Water Share - General Budget Items	6,478	4,049	2,429
	TOTAL WATER DEPARTMENT**	\$101,995	79,530	\$22,465

* Replacement Capital

** Capital Projects funded for year 2012 was \$15,000 less than funds available.

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

C. P. # PARTICIPATION BY OTHERS	2012	2013	2014	2015	2016	TOTAL FIVE-YEAR PROGRAM	2017	2018	2019	2020	2021	TOTAL TEN-YEAR PROGRAM	
	110 Normal Extensions & Replacements (Waterworks)	\$350	\$0	\$0	\$0	\$0	350	0	0	0	0	0	\$350
112 Modifications to Oak St Raw Water Intake Station	0	0	0	0	0	0	0	0	0	0	0	\$0	FEMA
156 Advanced Water Treatment (Carr.)	200	0	0	0	0	200	0	0	0	0	0	\$200	DHH
159 Water Plant Security Improvements	3,170	4,520	2,000	2,000	2,000	13,690	2,000	2,000	2,000	2,000	0	\$21,690	FEMA
175 Water Hurricane Recovery Bonds	61,610	87,550	45,000	45,000	45,000	284,160	10,000	10,000	10,000	10,000	0	\$324,160	FEMA
214 Normal Extensions & Replacements (Water Distribution)	1,400	1,400	1,430	1,430	1,450	7,110	1,450	1,475	1,475	1,500	1,500	\$14,510	FORCE ACCOUNT
216 Water System Replacement Program	0	0	0	0	0	0	0	0	0	0	0	\$0	DHH
613 Modifications to Power Generating System	1,206	350	0	0	0	1,556	0	0	0	0	0	\$1,556	C O E
807 Improvements to Central Yard & St Joseph St	1,048	0	330	0	660	2,038	0	0	0	0	0	\$2,038	FEMA
810 Major Equipment Purchases	2	2	2	0	0	6	0	0	0	0	0	\$6	FEMA
843 Minor Equipment Purchases	25	0	0	0	0	25	0	0	0	0	0	\$25	FEMA
TOTAL ANTICIPATED PARTICIPATION	\$69,011	\$93,822	\$48,762	\$48,430	\$49,110	309,135	\$13,450	\$13,475	\$13,475	\$13,500	\$1,500	\$364,535	

SEWERAGE & WATER BOARD OF NEW ORLEANS
 ESTIMATED REVENUES AVAILABLE FOR 2012 Capital Budget
 SEWERAGE DEPARTMENT (x \$1000)

	2012
Operating Revenues:	
Sewer Revenue From Charges	\$72,468
Plus: Other Operating Income	1,267
Plus: Interest Income	59
Plus: Non Operating Revenues (FEMA Reim)	<u>3,841</u>
Total Operating & Non Operating Revenues	77,635
Less: Operating & Maintenance Expenses	43,309
Less: Debt Service	20,263
Less: Non Operating Expense	<u>295</u>
Total Operating & Non Operating Expenses	63,867
Net Operating Cash (Total Cash Generated)	13,768
Plus: Participation by Others	67,352
Plus: Net Balance From Prior Years	<u>0</u>
Total Funds Available for Capital	81,120
Sewer Capital Program Requested	119,656
Less: Total Sewerage Department Funded	<u>81,078</u>
Unfunded Sewerage Capital Program*	\$38,578

* The difference between the amount available for Capital \$81,120 and the amount of Capital funded \$81,078 is \$42,000.

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

C.P.# SEWERAGE SYSTEM	2012	2013	2014	2015	2016	TOTAL FIVE-YEAR PROGRAM	2017	2018	2019	2020	2021	TOTAL TEN-YEAR PROGRAM
313 Ext & Replace - Sewer Force Mains EPA Consent Decree	300	2,000	2,000	2,000	2,250	8,550	2,250	2,250	2,250	2,250	2,250	\$19,800
*317 Ext & Replace - Gravity Mains EPA Consent Decree	40,138	97,985	3,750	1,450	1,500	144,823	1,500	1,750	1,750	2,000	2,000	\$153,823
*318 Rehabilitation Gravity Sewer System	6,300	6,300	7,300	6,600	6,600	33,100	6,600	6,900	6,900	6,900	7,200	\$67,600
*319 Extension and Replacements - Sanitary Sewer Mains Algiers	0	0	10,650	10,225	0	20,875	0	0	0	0	0	\$20,875
*326 Ext & Rep. to Pumping Stations EPA Consent Decree	3,293	1,660	8,467	1,560	7,000	21,980	1,000	1,000	1,000	1,000	1,000	\$26,980
*339 Mains In D P W Contracts EPA Consent Decree	5,000	5,000	5,300	5,300	5,300	25,900	5,300	5,300	5,300	5,300	5,300	\$52,400
358 WWTP Normal Extensions & Replacements	0	0	0	0	0	0	10	0	0	0	0	\$10
368 Wetland Assimilation	9,100	0	0	0	0	9,100	0	0	0	0	0	\$9,100
375 Sewerage Hurricane Recovery Bonds	46,070	7,000	5,000	5,000	5,000	68,070	5,000	5,000	5,000	5,000	5,000	\$93,070
TOTAL SEWERAGE SYSTEM	110,201	119,945	42,467	32,135	27,650	332,398	21,660	22,200	22,200	22,450	22,750	\$443,658
SEWAGE TREATMENT												
*348 Ext & Replace -Treatment Plants	2,779	2,224	2,290	5,380	4,362	17,035	0	0	0	0	0	\$17,035
381 Modification & Extension of WBSTP to 20/50 MGD	516	2,447	1,240	450	3,710	8,363	10,500	0	0	0	0	\$18,863
TOTAL SEWAGE TREATMENT	3,295	4,671	3,530	5,830	8,072	25,398	10,500	0	0	0	0	\$35,898
600 Sewer Share of Power Projects	282	243	1,710	153	90	2,427	590	5,090	90	90	90	\$8,428
800 Sewer Share of General Budget Items	5,878	6,683	8,647	6,147	7,080	34,435	5,465	4,605	6,246	5,979	6,993	\$63,723
TOTAL SEWERAGE DEPARTMENT	\$119,656	\$131,542	\$56,354	\$44,265	\$42,892	\$394,658	\$38,215	\$31,895	\$28,536	\$28,519	\$29,833	\$551,707

* Replacement Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS
 2012 CAPITAL BUDGET REQUESTED
 SEWERAGE DEPARTMENT (x \$1000)

C.P.#	2012 Requested	2012 Funded	2012 Unfunded
C.P.# SEWERAGE SYSTEM			
313 Ext & Replace - Sewer Force Mains EPA Consent Decree	\$300	300	0
*317 Ext & Replace - Gravity Mains EPA Consent Decree	\$40,138	15,140	24,998
*318 Rehabilitation Gravity Sewer System	\$6,300	3,100	3,200
*326 Ext & Rep. to Pumping Stations EPA Consent Decree	\$3,293	2,793	500
*339 Mains In D P W Contracts EPA Consent Decree	\$5,000	0	5,000
368 Wetland Assimilation	\$9,100	9,100	0
375 Sewerage Hurricane Recovery Bonds	\$46,070	46,070	0
TOTAL SEWERAGE SYSTEM	110,201	76,503	33,698
SEWAGE TREATMENT			
*348 Ext & Replace -Treatment Plants	2,779	357	2,422
381 Modification & Extension of WBSTP to 20/50 MGD	516	0	516
TOTAL SEWAGE TREATMENT	3,295	357	2,938
600 Sewer Share of Power Projects	282	200	82
800 Sewer Share of General Budget Items	5,878	4,018	1,860
TOTAL SEWERAGE DEPARTMENT**	\$119,656	\$81,078	\$38,578

* Replacement Capital

** Capital Projects funded for year 2012 was \$42,000 less than funds available.

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

C. P. #	2012	2013	2014	2015	2016	TOTAL FIVE-YEAR PROGRAM	2017	2018	2019	2020	2021	TOTAL TEN-YEAR PROGRAM	
317 Extensions & Repl. - Sewer Force Mains EPA Consent Decree	\$10,000	\$1,000	\$1,250	\$1,250	\$1,500	\$15,000	0	0	0	0	0	15,000	FEMA/DEQ
318 Rehabilitation Gravity Sewer System	1,100	1,100	1,100	1,200	1,200	5,700	1,200	1,300	1,300	1,300	1,400	12,200	Force Account
326 Extensions & Repl. - Pumping Stations EPA Consent Decree	150	6,957	150	0	0	7,257	0	0	0	0	0	7,257	FEMA
368 Wetland Assimilation	8,800	0	0	0	0	8,800	0	0	0	0	0	8,800	Coastal Wetlands
375 Sewerage Hurricane Recovery Bonds	46,070	7,000	5,000	5,000	5,000	68,070	5,000	5,000	5,000	5,000	5,000	93,070	FEMA
613 Modifications to Power Generating System	157	50	0	0	0	207	0	0	0	0	0	207	C O E
807 Improvements to Central Yard & St Joseph St	1,048	0	330	0	660	2,038	0	0	0	0	0	2,038	FEMA
810 Major Equipment Purchases	2	36	13	36	0	87	0	0	0	0	0	87	FEMA
843 Minor Equipment Purchases	25	0	0	0	0	25	0	0	0	0	0	25	FEMA
TOTAL ANTICIPATED PARTICIPATION	\$67,352	\$16,143	\$7,843	\$7,486	\$8,360	\$107,184	\$6,200	\$6,300	\$6,300	\$6,300	\$6,400	138,684	

SEWERAGE AND WATER BOARD OF NEW ORLEANS
 ESTIMATED REVENUE AVAILABLE FOR 2012 CAPITAL BUDGET
 DRAINAGE DEPARTMENT (X \$1000)

	2012
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)	<u>18,740</u>
Total Ad Valorem Tax (16.43 Mills)	43,611
Net Balance From Prior Year	11,089
Plus: Interest Income	148
Plus: Non - Operating Revenue (FEMA)	<u>624</u>
Total Operating & Non Operating Revenues	55,472
Operating Expenses:	
Less: Operating & Maintenance Expenses	32,126
Less: Debt Service	2,205
Less: Non - Operating Expenses	<u>295</u>
Total Operating & Non Operating Expenses	<u>34,626</u>
Net Operating Cash (Total Cash Generated)	20,846
Plus: Participation by Others	<u>1,138,238</u>
Total Funds Available for Capital	1,159,084
Drainage Capital Program Requested	1,335,935
Less: Total Drainage Department Funded	<u>1,158,938</u>
Unfunded Drainage Capital Program*	\$176,997

* The difference between the amount available for Capital \$1,159,084 and the amount of Capital funded \$1,158,938 is \$146,000.

*** There were 4 SELA Relocation Projects that amounted to approximately \$15 Mil that were not funded, due to lack of available funds.

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

C.P.# CANALS	2012	2013	2014	2015	2016	TOTAL FIVE-YEAR PROGRAM	2017	2018	2019	2020	2021	TOTAL TEN-YEAR PROGRAM
* 418 Normal Extensions & Replacements	800	800	820	870	890	4,180	890	960	960	980	1030	\$9,000
439 Major Drainage Participation in D P W Projects	4,300	4,300	4,300	4,300	4,300	21,500	4300	4300	4300	4300	4300	\$43,000
453 Improvements to Metairie Relief Canal (S&WB 76% Part.)	0	0	450	6,100	100	6,650	0	0	0	0	0	\$6,650
466 Louisiana Avenue Canal (SELA)	0	103,974	1,924	0	0	105,898	0	0	0	0	0	\$105,898
471 SELA Program Management (**)	1,500	1,500	1,500	1,500	0	6,000	0	0	0	0	0	\$6,000
472 Tchoupitoulas Corridor	0	0	0	250	12,000	12,250	0	0	0	0	0	\$12,250
474 Melpomene Street Canal	50	0	0	0	0	50	0	0	0	0	0	\$50
476 Hollygrove Canal (SELA)	50	0	0	0	0	50	0	0	0	0	0	\$50
478 So. Claiborne-Lowerline To Monticello St. (SELA)	99,964	0	0	0	0	99,964	0	0	0	0	0	\$99,964
483 Airline & Monticello Canal Improvements	0	0	50	475	8,400	8,925	0	0	0	0	0	\$8,925
486 Napoleon Avenue Canal Improvements (SELA)	73,652	47,757	0	0	0	121,409	0	0	0	0	0	\$121,409
492 Donner Canal Improvements (SELA)	0	0	50	1,750	116,500	118,300	0	0	0	0	0	\$118,300
496 General De Gaulle Canal (SELA)	550	550	2,500	73,000	72,200	148,800	500	0	0	0	0	\$149,300
497 Florida Avenue Canal - DPS # 19 to Peoples (SELA)	111,390	4,032	122,558	696	2,358	241,034	0	0	0	0	0	\$241,034
498 Dwyer Intake Canal (St. Charles Canal to Dwyer DPS) (SELA)	250	0	0	0	0	250	0	0	0	0	0	\$250
499 Jefferson Avenue Canal (SELA)	127,639	4,014	0	0	0	131,653	0	0	0	0	0	\$131,653
TOTAL DRAINAGE CANALS	\$420,145	\$166,927	\$134,152	\$88,941	\$216,748	\$1,026,913	\$5,690	\$5,260	\$5,260	\$5,280	\$5,330	\$1,053,733

* 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	2012	2013	2014	2015	2016	TOTAL FIVE-YEAR PROGRAM	2017	2018	2019	2020	2021	TOTAL TEN-YEAR PROGRAM
*511 Normal Extensions & Replacements - Stations	\$9,013	\$9,000	\$24,060	\$6,940	\$2,000	\$51,013	2,600	2,000	2,700	2,000	2,000	62,313
512 Expansion of DPS #15	750	500	14,500	0	0	15,750	0	0	0	0	0	15,750
535 DPS # 6 Improvements	0	0	400	1,000	0	1,400	0	0	0	12,500	12,500	26,400
546 DPS #4 West - Build a 1000 CFS Station (SELA)	0	0	0	0	0	0	0	0	0	25,908	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	3,660	0	0	0	0	3,660	0	0	0	0	0	3,660
576 COE Storm Proofing Projects	72,038	16,071	1,250	0	0	89,359	0	0	0	0	0	89,359
578 Permanent Pump Stations at the Lake, Elaine DPS Repairs	800,200	200	200	0	0	800,600	0	0	0	0	0	800,600
TOTAL DRAINAGE PUMPING STATION	885,661	27,271	40,410	7,940	2,000	963,282	2,600	35,050	2,700	40,408	14,500	1,058,540
600 Drainage Share of Power Projects	25,237	9,085	7,095	6,780	5,680	53,877	6,080	480	1,080	1,080	1,080	63,677
800 Drainage Share of General Budget Items	4,892	3,994	5,478	4,715	5,775	24,854	4,160	3,396	5,033	4,870	6,026	48,339
TOTAL DRAINAGE DEPARTMENT	\$1,335,935	\$207,277	\$187,135	\$108,376	\$230,203	\$2,068,926	\$18,530	\$44,186	\$14,073	\$51,638	\$26,936	2,224,289

* Replacement Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS
 2012 CAPITAL BUDGET REQUESTED
 DRAINAGE DEPARTMENT (x \$1000)

C.P.# CANALS	2012 Requested	2012 Funded	2012 Unfunded
* 418 Normal Extensions & Replacements	\$800	300	500
439 Major Drainage Participation in D P W Projects	\$4,300	0	4,300
471 SELA Program Management (**)	\$1,500	0	1,500
474 Melpomene Street Canal	\$50	50	0
476 Hollygrove Canal (SELA)	\$50	50	0
478 So. Claiborne-Lowerline To Monticello St. (SELA)	\$99,964	66,803	33,161
486 Napoleon Avenue Canal Improvements (SELA)	\$73,652	49,474	24,178
496 General De Gaulle Canal (SELA)	\$550	550	0
497 Florida Avenue Canal - DPS # 19 to Peoples (SELA)	\$111,390	65,849	45,541
498 Dwyer Intake Canal (St. Charles Canal to Dwyer DPS) (SELA)	\$250	250	0
499 Jefferson Avenue Canal (SELA)	\$127,639	77,704	49,935
TOTAL DRAINAGE CANALS	\$420,145	\$261,030	\$159,115

* 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)

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C.P.# PUMPING STATIONS

	2012	2012 Funded	2012 Unfunded
*511 Normal Extensions & Replacements - Stations	\$9,013	\$3,063	\$5,950
512 Expansion of DPS #15	\$750	0	750
575 Hurricane Recovery Bonds	\$3,660	3,660	0
576 COE Storm Proofing Projects	\$72,038	63,788	8,250
578 Permanent Pump Stations at the Lake, Elaine DPS Repairs	\$800,200	800,000	200
TOTAL DRAINAGE PUMPING STATION	885,661	870,511	15,150
600 Drainage Share of Power Projects	25,237	23,337	\$1,900
800 Drainage Share of General Budget Items	4,892	4,060	\$832
TOTAL DRAINAGE DEPARTMENT**	\$1,335,935	\$1,158,938	\$176,997

* Replacement Capital

** Capital Projects funded for year 2012 was \$146,000 less than funds available.

*** There were 4 SELA Relocation Projects that amounted to approximately \$15 Mil that were not funded, due to lack of available funds.

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

C. P. #	PARTICIPATION BY OTHERS	2012	2013	2014	2015	2016	TOTAL	2017	2018	2019	2020	2021	TOTAL	
							FIVE-YEAR PROGRAM						TEN-YEAR PROGRAM	
418	Normal Extensions & Replacements	\$300	\$300	\$300	\$350	\$350	\$1,600	350	400	400	400	450	3,600	Force Account
453	Improvements to Metairie Relief Canal (S&WB 76% Part.)	0	0	108	1,464	24	1,596	0	0	0	0	0	1,596	Jefferson Parish
466	Louisiana Avenue Canal (SELA)	0	65,082	0	0	0	65,082	0	0	0	0	0	65,082	C O E & DPW
472	Tchoupitoulas Corridor	0	0	0	0	1,850	1,850	0	0	0	0	0	1,850	Dock Board
478	S Claiborne-Lowerline To Monticello St. (SELA)	61,585	0	0	0	0	61,585	0	0	0	0	0	61,585	C O E
483	Airline and Monticello	0	0	0	114	2,016	2,130	0	0	0	0	0	2,130	Jefferson Parish
486	Napoleon Canal Improvements (SELA)	44,902	29,966	0	0	0	74,868	0	0	0	0	0	74,868	C O E
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; CCC; DODT
497	Florida Avenue Canal - Peoples Ave. Subbasin (SELA)	65,549	0	75,504	0	0	141,053	0	0	0	0	0	141,053	C O E & SWFC
499	Jefferson Avenue Canal (SELA)	75,292	0	0	0	0	75,292	0	0	0	0	0	75,292	C O E
511	Normal Extensions & Replacements - DPS	750	0	0	0	0	750	0	0	0	0	0	750	FEMA
535	DPS # 6 Improvements	0	0	128	320	0	448	0	0	0	4,000	4,000	8,448	Jefferson Parish
546	DPS # 4 West - Build a 1000 CSF Station (SELA)	0	0	0	0	0	0	0	0	0	20,726	0	20,726	C O E
575	Hurricane Recovery Bonds	3,660	0	0	0	0	3,660	0	0	0	0	0	3,660	FEMA
576	COE Storming Proofing Projects	61,788	14,421	1,250	0	0	77,459	0	0	0	0	0	77,459	C O E
578	Permanent Pump Stations at the Lake, Elaine DPS Repairs	800,000	0	0	0	0	800,000	0	0	0	0	0	800,000	C O E
601	Earhart Corridor	800	0	0	0	0	800	0	0	0	0	0	800	C O E
613	Modifications to Power Generating System	22,537	1,100	0	0	0	23,637	0	0	0	0	0	23,637	C O E
807	Improvements to Central Yard & St Joseph St	1,048	0	330	0	660	2,038	0	0	0	0	0	2,038	FEMA
810	Major Equipment Purchases	2	0	0	0	0	2	0	0	0	0	0	2	FEMA
843	Minor Equipment Purchases	25	0	0	0	0	25	0	0	0	0	0	25	FEMA
TOTAL ANTICIPATED PARTICIPATION		\$1,138,238	\$110,869	\$77,620	\$54,748	\$139,900	\$1,521,375	\$350	\$400	\$400	\$25,126	\$4,450	1,552,101	

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

C.P.# POWER PROJECTS	2012	2013	2014	2015	2016	TOTAL FIVE-YEAR PROGRAM	2017	2018	2019	2020	2021	TOTAL TEN-YEAR PROGRAM
601 Earhart Blvd. Corridor	\$800	\$0	\$0	\$0	\$0	\$800	0	0	0	0	0	800
610 Underground Power Feeders	\$550	\$5,425	\$4,325	\$4,950	\$4,600	15,250	5,500	5,000	0	0	0	30,350
612 Furn Generators for Drainage Facilities	\$0	\$250	\$250	\$0	\$0	500	0	0	0	0	0	500
613 Modification of Steam System	\$25,695	\$4,551	\$3,400	\$2,251	\$1,000	36,897	1,000	400	1,000	1,000	1,000	41,297
* 624 Extension & Replacements to Electrical System	\$1,100	\$3,500	\$800	\$800	\$800	7,000	800	800	800	800	800	11,000
676 Redundant Feeder to Station A	\$0	\$0	\$1,500	\$0	\$0	1,500	0	0	0	0	0	1,500
TOTAL POWER PROJECTS	\$28,145	\$13,726	\$10,275	\$8,001	\$6,400	\$61,947	\$7,300	\$6,200	\$1,800	\$1,800	\$1,800	85,447

* Replacement Capital

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

C.P.# GENERAL BUDGET ITEMS	2012	2013	2014	2015	2016	TOTAL FIVE-YEAR PROGRAM	2017	2018	2019	2020	2021	TOTAL TEN-YEAR PROGRAM
800 Sewer Share of General Budget	\$0	\$0	\$1,000	\$0	\$0	\$1,000	\$0	\$0	\$0	\$0	\$0	\$1,000
803 Propety Acquisition	\$100	\$0	\$0	\$0	\$0	200	\$0	\$0	\$0	\$0	\$100	\$300
807 Improvements to Central Yard & St. Joseph Street	\$4,224	\$1,656	\$1,213	\$186	\$2,001	12,344	\$51	\$0	\$0	\$0	\$990	\$13,385
808 Improvement to Customer Service Satellite	\$50	\$25	\$25	\$0	\$25	150	\$170	\$0	\$0	\$50	\$0	\$370
* 810 Major Equipment Purchases	\$309	\$308	\$637	\$704	\$649	3,018	\$647	\$673	\$671	\$697	\$102	\$5,808
* 811 Plant Stationary Equipment	\$126	\$52	\$52	\$50	\$60	518	\$60	\$60	\$60	\$60	\$60	\$818
* 812 Computer Systems Development	\$312	\$2,303	\$7,904	\$3,029	\$4,089	20,032	\$2,490	\$213	\$123	\$2,121	\$2,094	\$27,073
814 Re-engineering	\$0	\$0	\$0	\$1,000	\$0	1,000	\$0	\$0	\$0	\$0	\$0	\$1,000
820 Overhead Charged to Capital	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	53,200	\$8,400	\$8,400	\$8,400	\$8,400	\$8,400	\$95,200
823 Purchase of Water Meters	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	12,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$22,000
842 Revenue Department Equipment Purchases	\$266	\$133	\$0	\$0	\$180	712	\$60	\$0	\$0	\$190	\$0	\$962
* 843 Minor Equipment Purchases	\$961	\$1,679	\$564	\$1,640	\$2,504	9,390	\$1,224	\$1,235	\$6,250	\$3,235	\$6,342	\$27,676
862 Fire Hydrants and Related Parts	\$500	\$500	\$1,000	\$1,000	\$1,000	5,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$10,000
TOTAL GENERAL BUDGET ITEMS	\$17,248	\$17,056	\$22,795	\$18,009	\$20,908	\$118,564	\$16,102	\$13,581	\$18,504	\$17,753	\$21,088	\$205,592

* Replacment Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS
 WATER DEPARTMENT (x \$1000)
 2012 CAPITAL PROGRAM BY QUARTER

C.P.# WATERWORKS	2012				
	TOTAL PROGRAM	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
* 110 Normal Extensions & Replacements	\$8,211	\$2,053	\$2,053	\$2,053	\$2,052
* 112 Modifications to Oak St Raw Water Intake Station	\$4,850	\$1,213	\$1,213	\$1,213	\$1,211
* 122 Filter Rehabilitation	\$2,500	\$625	\$625	\$625	\$625
135 Improvements to Chemical System	\$500	\$125	\$125	\$125	\$125
156 Advanced Water Treatment (Carr.)	\$1,200	\$300	\$300	\$300	\$300
157 Advanced Water Treatment (Algiers)	\$3,050	\$763	\$763	\$763	\$761
159 Water Plant Security Improvements	\$3,170	\$793	\$793	\$793	\$791
175 Water Hurricane Recovery Bonds	\$61,610	\$15,403	\$15,403	\$15,403	\$15,401
TOTAL WATERWORKS	85,091	21,275	21,275	21,275	21,266
C.P.# WATER DISTRIBUTION					
* 214 Normal Extensions & Replacements	1,400	350	350	350	350
* 216 Water System Replacement Program	1,900	475	475	475	475
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	7,100	1,775	1,775	1,775	1,775
600 Water Share of Power Projects	2,626	657	657	655	657
701 Water Reserve for Emergencies	700	175	175	175	175
800 Water Share - General Budget Items	6,478	1,620	1,620	1,618	1,620
TOTAL WATER DEPARTMENT	\$101,995	\$25,502	\$25,502	\$25,498	\$25,493

* Replacement Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS
 SEWERAGE DEPARTMENT (x \$1000)
 2012 CAPITAL PROGRAMS BY QUARTER

C.P.# SEWERAGE SYSTEM	2012				
	TOTAL PROGRAM	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
313 Ext & Replace - Sewer Force Mains EPA Consent Decree	300	75	75	75	75
* 317 Extensions & Replacements - Gravity Mains	40,138	10,035	10,035	10,035	10,033
* 318 Rehabilitation Gravity Sewer System	6,300	1,575	1,575	1,575	1,575
* 319 Extensions & Replacements - Sanitary Sewer Mains Algiers	0	0	0	0	0
* 326 Extensions & Replacements to Sewer Pumping Stations	3,293	823	823	823	824
* 339 Mains In D P W Contracts	5,000	1,250	1,250	1,250	1,250
368 Wetland Assimilation	9,100	2,275	2,275	2,275	2,275
375 Sewerage Hurricane Recovery Bonds	46,070	11,518	11,518	11,518	11,516
TOTAL SEWERAGE SYSTEM	110,201	27,476	27,476	27,476	27,473
C.P.# SEWAGE TREATMENT					
* 348 Extensions & Replacements - Treatment Plants	2,779	695	695	695	694
381 Modification & Extension of WBSTP to 20/50 MGD	516	129	129	129	129
TOTAL SEWAGE TREATMENT	3,295	824	824	824	823
600 Sewer Share of Power Projects	282	71	71	70	70
800 Sewer Share of General Budget Items	5,878	1,470	1,470	1,469	1,469
TOTAL SEWERAGE DEPARTMENT	\$119,656	\$29,841	\$29,841	\$29,839	\$29,835

* Replacement Capital

SEWERAGE AND WATER BOARD OF NEW ORLEANS
 DRAINAGE DEPARTMENT (x \$1000)
 2012 CAPITAL PROGRAM BY QUARTER

C.P.# DRAINAGE CANALS	2012				
	TOTAL PROGRAM	FIRST QUARTER	SECOND QUARTER	THIRD QUARTER	FOURTH QUARTER
* 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
453 Improvements to Metairie Relief Canal (S&WB 76% Part.)	0	0	0	0	0
466 Louisiana Avenue Canal (SELA)	0	0	0	0	0
471 SELA Program Management (**)	1,500	375	375	375	375
474 Melpomene Street Canal	50	13	13	12	12
476 Hollygrove Canal (SELA)	50	13	13	12	12
478 So. Claiborne-Lowerline To Monticello St. (SELA)	99,964	24,991	24,991	24,991	24,991
486 Napoleon Avenue Canal Improvements (SELA)	73,652	18,413	18,413	18,413	18,413
492 Donner Canal Improvements (SELA)	0	0	0	0	0
496 General De Gaulle Canal (SELA)	550	138	138	137	137
497 Florida Avenue Canal - DPS # 19 to Peoples (SELA)	111,390	27,848	27,848	27,847	27,847
498 Dwyer Intake Canal (St. Charles Canal to Dwyer DPS) (SELA)	250	63	63	62	62
499 Jefferson Avenue Canal (SELA)	127,639	31,910	31,910	31,910	31,909
C.P.# DRAINAGE PUMPING STATIONS	420,145	105,039	105,039	105,034	105,033
*511 Normal Extensions & Replacements - Stations	9,012	2,253	2,253	2,253	2,253
512 Expansion of DPS #15	750	188	188	187	187
535 DPS # 6 Improvements	0	0	0	0	0
573 DPS # 13 Improvements (SELA)	0	0	0	0	0
575 Hurricane Recovery Bonds	3,660	915	915	915	915
576 COE Storm Proofing Projects	72,038	18,010	18,010	18,009	18,009
578 Permanent Pump Stations at the Lake, Elaine DPS Repairs	800,200	200,050	200,050	200,050	200,050
	885,660	221,416	221,416	221,414	221,414
600 Drainage Share of Power Projects	25,237	6,309	6,309	6,309	6,310
800 Drainage Share of General Budget Items	4,892	1,223	1,223	1,223	1,223
TOTAL DRAINAGE DEPARTMENT	\$1,335,934	333,987	333,987	333,980	333,980

* Replacement Capital