

COASTAL WATER AUTHORITY
LAKE HOUSTON FACILITIES PROJECT
2015 ANNUAL BUDGET

COASTAL WATER AUTHORITY
LAKE HOUSTON FACILITIES PROJECT
TABLE OF CONTENTS
2015 ANNUAL BUDGET

	<u>PAGE</u>
President's Letter	C - 1
Budget Summary - Comparative	C - 2
Facts and Assumptions	C - 2 - 1
Reconciliation of 2014 Budget to 2015 Budget	C - 2 - 2
Statement of Revenues and Expenditures	C - 3
Reconciliation of Fund Activity	C - 3 - 1
Water Demand Forecast	C - 4
Investment and Other Income	C - 5
Summary of General and Administrative Expenditures	C - 6
Administrative Expenses	C - 7
Office Salary Allocation	C - 7 - 1
General Operating Expenses	C - 8
Engineering, Legal and Professional Expenses	C - 9
Summary of Field Expenditures	C - 10
Field Expenditures by Location	C - 10 - 1
Summary of Field Salaries by Location	C - 11
Analysis of Base Field Salaries by Function and Location	C - 11 - 1
Analysis of Materials and Supplies by Location	C - 12
Analysis of Contract Labor and Equipment by Location	C - 13
Analysis of Utilities by Location	C - 14

COASTAL WATER AUTHORITY
LAKE HOUSTON FACILITIES PROJECT
BUDGET SUMMARY
2015 ANNUAL BUDGET

<u>APPLICATION OF FUNDS</u>	2014 BUDGET	2014 PROJECTED	2015 BUDGET
Expenditures (1)	\$2,401,165	\$2,250,000	\$2,422,946
Capital Outlay	0	0	0
Total Expenditures	<u>2,401,165</u>	<u>2,250,000</u>	<u>2,422,946</u>
Ending Fund Balances (2)	<u>600,291</u>	<u>600,291</u>	<u>605,737</u>
Total Applications	<u><u>3,001,456</u></u>	<u><u>2,850,291</u></u>	<u><u>3,028,683</u></u>
 <u>SOURCE OF FUNDS</u>			
Beginning Fund Balances (2)	625,746	625,746	600,291
Investment Income	1,135	1,300	1,135
Subtotal Sources	<u>626,881</u>	<u>627,046</u>	<u>601,426</u>
Capital Funding - Construction	0	0	0
Subtotal	<u>626,881</u>	<u>627,046</u>	<u>601,426</u>
System Revenue Project	<u>\$2,374,575</u>	<u>\$2,223,245</u>	<u>\$2,427,257</u>
Total Sources	<u><u>3,001,456</u></u>	<u><u>2,850,291</u></u>	<u><u>3,028,683</u></u>

(1) Includes assets purchased

(2) Operating Fund only.

COASTAL WATER AUTHORITY
LAKE HOUSTON FACILITIES
FACTS AND ASSUMPTIONS
2015 ANNUAL BUDGET

FACTS

1. The 2015 budget is prepared on a cash basis.
2. Lake Houston Facilities books and records consist of two funds, which are the Operating Fund and the Contingency Fund.
3. The required fund balances have been reflected at the minimum balances per the operating contract.
4. Lake Houston Facilities is charged with direct salary and costs as well as an allocation of certain general items based upon an overall payroll allocation of 13%.

ASSUMPTIONS

1. Salaries anticipate funding the employee benefits of one field retiree and includes a provision for compensation contingencies equal to 3% to be administered consistent with the Coastal Water Authority Salary Administration Plan.
2. The 2015 budget staffing level supports ongoing activity levels as requested in the operating and maintenance contract.

COASTAL WATER AUTHORITY
LAKE HOUSTON FACILITIES PROJECT
RECONCILIATION OF 2014
BUDGET TO 2015 BUDGET

	2014 Budget to 2015 Budget
2014 Budget	<u>\$2,401,165</u>
Field Salaries Allocation	4,207
Materials and Supplies	(13,800)
Contract Labor and Equipment	(10,693)
Utilities (Electricity)	18,952
Administrative Expense	20,044
General Operating Expenses (Insurance)	(3,429)
Engineering, Legal and Professional	<u>6,500</u>
Subtotal	<u>21,781</u>
2015 Budget	<u><u>\$2,422,946</u></u>

COASTAL WATER AUTHORITY
LAKE HOUSTON FACILITIES PROJECT
STATEMENT OF REVENUES AND EXPENDITURES
2015 ANNUAL BUDGET

	<u>2014 BUDGET</u>	<u>2014 PROJECTED</u>	<u>2015 BUDGET</u>
REVENUES			
Funds provided by City of Houston	\$2,374,575	\$2,223,245	\$2,427,257
Interest on Investments	1,135	1,300	1,135
Total Revenue	<u>2,375,710</u>	<u>2,224,545</u>	<u>2,428,392</u>
 EXPENDITURES			
Field Salaries	899,295	850,000	903,502
Materials & Supplies	182,700	180,000	168,900
Contract Labor & Equipment (1)	493,693	410,000	483,000
Utilities	106,062	115,000	125,014
Administrative Expenses	362,502	360,000	382,546
General Operating Expenses	270,133	255,000	266,704
Engineering, Legal & Professional	86,780	80,000	93,280
Subtotal	<u>2,401,165</u>	<u>2,250,000</u>	<u>2,422,946</u>
Total Expenditures	<u>2,401,165</u>	<u>2,250,000</u>	<u>2,422,946</u>
	(2)		(3)
Net Increase (Decrease) in	<u>(\$25,455)</u>	<u>(\$25,455)</u>	<u>\$5,446</u>
Operating/Construction Fund Balances			

(1) Includes assets purchased.

(2) Net of \$25,455 decrease in required operating reserve.

(3) Net of \$5,446 increase in required operating reserve.

COASTAL WATER AUTHORITY
LAKE HOUSTON FACILITIES PROJECT
RECONCILIATION OF FUND ACTIVITY
2015 ANNUAL BUDGET

	OPERATING FUND	CONTINGENCY FUND	TOTAL LAKE HOUSTON FACILITIES PROJECT FUND
Beginning Balance	\$600,291	\$2,000,000	\$2,600,291
Service Revenue	2,427,257	0	2,427,257
Interest Earnings	135	1,000	1,135
Transfer - Interest	1,000	(1,000)	0
Expenses	(2,422,946)	0	(2,422,946)
Net Activity	<u>5,446</u>	<u>0</u>	<u>5,446</u>
Ending Balance	<u>\$605,737</u>	<u>\$2,000,000</u>	<u>\$2,605,737</u>

COASTAL WATER AUTHORITY
LAKE HOUSTON FACILITIES PROJECT
WATER DEMAND FORECAST
2015 ANNUAL BUDGET

	<u>2014</u> <u>BUDGET</u>	<u>2014</u> <u>PROJECTED</u>	<u>2015</u> <u>BUDGET</u>
Gallons (in thousands)	<u>13,682,900</u>	<u>13,821,600</u>	<u>15,051,100</u>

COASTAL WATER AUTHORITY
LAKE HOUSTON FACILITIES PROJECT
INVESTMENT AND OTHER INCOME
2015 ANNUAL BUDGET

INVESTMENT INCOME

Average Cash and Investments	\$2,270,000
Average Effective Interest Rate	0.05%
Total	<u>\$ 1,135</u>

OTHER INCOME

Lake Houston Facilities does not anticipate any miscellaneous income.

COASTAL WATER AUTHORITY
 LAKE HOUSTON FACILITIES PROJECT
 SUMMARY OF GENERAL AND ADMINISTRATIVE EXPENDITURES
 2015 ANNUAL BUDGET

<u>GENERAL AND ADMINISTRATIVE EXPENDITURES</u>	<u>2014 BUDGET</u>	<u>2014 PROJECTED</u>	<u>2015 BUDGET</u>
ADMINISTRATIVE	\$362,502	\$360,000	\$382,546
GENERAL OPERATING (Insurance)	270,133	255,000	266,704
ENGINEERING, LEGAL & PROFESSIONAL	<u>86,780</u>	<u>80,000</u>	<u>93,280</u>
Total	<u>\$719,415</u>	<u>\$695,000</u>	<u>\$742,530</u>

COASTAL WATER AUTHORITY
 LAKE HOUSTON FACILITIES PROJECT
 ADMINISTRATIVE EXPENSES
 2015 ANNUAL BUDGET

Administrative Salaries	\$138,223 (1)
Pension Plan Contribution (11.8% of total compensation)	122,924
Payroll Taxes (7.65% of total compensation)	79,692
Office Lease and Utilities	26,887 (2)
Office Supplies	1,950 (2)
Travel, Meetings and Parking	1,040 (2)
Directors Compensation	2,600 (2)
Printing and Reproduction	520 (2)
Telephone/ Data Maintenance	3,900 (2)
Vehicle: Gas & Maintenance	910 (2)
Miscellaneous	3,900 (2) (3)
	<u>\$382,546</u>

- (1) Allocated based upon payroll estimate of 13%.
- (2) Allocation based upon total payroll estimate of 13%.
- (3) Includes payroll and courier services.

COASTAL WATER AUTHORITY
 LAKE HOUSTON FACILITIES PROJECT
 OFFICE SALARY ALLOCATION
 2015 ANNUAL BUDGET

Executive Director

Chief Engineer

Chief Financial Officer

Accountant

Accountant

Accountant

Accountant

Accountant

Secretary

	Base Office Salaries	1,032,280
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	3% Compensation Contingency (1)	30,970
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	Total Office Salaries	1,063,250
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	Office Allocation Factor (2)	13%
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	Lake Houston Office Salaries	\$138,223
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(1) Provides for compensation contingency to include performance review in 2015.

(2) Based upon payroll estimate allocation

COASTAL WATER AUTHORITY
 LAKE HOUSTON FACILITIES PROJECT
 GENERAL OPERATING EXPENSES
 2015 ANNUAL BUDGET

INSURANCE PREMIUM DESCRIPTION

Texas Commercial Policy (General Liability)	17,479	(3)	(5)	(7)
Excess Liability	15,926	(9)	(5)	(7)
Public Official & Employees Liability	7,353	(3)	(4)	(7)
Pension - Fidelity Bond	22	(3)	(4)	
Pension - Fiduciary Responsibility	702	(3)	(4)	
Medical Insurance	186,067	(3)	(6)	(7)
Contract Equipment/Difference in Conditions	3,204	(3)	(5)	
Public Official Position (Director Fidelity)	150	(3)	(4)	
Automobile Insurance	7,067	(3)	(6)	
Workers Compensation	13,243	(3)	(5)	(7)
Dental Insurance	8,445	(3)	(8)	(7)
Vision Insurance	807	(3)	(5)	(7)
Combined Group Life/Short & Long Term Disability	6,239	(3)	(5)	(7)
	<u>\$266,704</u>			

- (1) Allocated based upon total insurable value of 0%.
- (2) Coverage 100% specific for Trinity River.
- (3) Allocated based upon total payroll estimate of 13%.
- (4) Assumes no rate increase.
- (5) Assumes 3% rate increase.
- (6) Assumes 10% rate increase.
- (7) Assumes full employment.
- (8) Assumes 4% rate increase.
- (9) Allocated based upon total insurable value of 25%.

COASTAL WATER AUTHORITY
LAKE HOUSTON FACILITIES PROJECT
ENGINEERING, LEGAL AND PROFESSIONAL EXPENSES
2015 ANNUAL BUDGET

Engineering Services	\$40,000 (1)
Legal Services	20,000 (3)
Accounting & Auditing	8,580 (2)
Computer Support services	7,800 (2)
Website Development & Maintenance	6,500 (2)
Hardware, Software Upgrades and Maintenance	5,200 (2)
Miscellaneous Bank Fees	5,200 (3)
	<u>\$93,280</u>

(1) Based upon specific services.

(2) Allocated based upon total payroll estimate of 13%.

(3) Based upon specific and allocated services.

COASTAL WATER AUTHORITY
 LAKE HOUSTON FACILITIES PROJECT
 SUMMARY OF FIELD EXPENDITURES
 2015 ANNUAL BUDGET

<u>FIELD EXPENDITURES</u>	<u>2014 BUDGET</u>	<u>2014 PROJECTED</u>	<u>2015 BUDGET</u>
SALARIES	\$899,295	\$850,000	\$903,502
MATERIALS & SUPPLIES	182,700	180,000	168,900
CONTRACT LABOR AND EQUIPMENT			
Contracted	\$493,693	410,000	483,000
Purchased	\$0	0	0
Subtotal	<u>493,693</u>	<u>410,000</u>	<u>483,000</u>
UTILITIES	106,062	115,000	125,014
Total	<u>\$1,681,750</u>	<u>\$1,555,000</u>	<u>\$1,680,416</u>

COASTAL WATER AUTHORITY
 LAKE HOUSTON FACILITIES PROJECT
 FIELD EXPENDITURES BY LOCATION
 2015 ANNUAL BUDGET

LOCATIONS	FIELD SALARIES	MATERIALS AND SUPPLIES	CONTRACT LABOR AND EQUIPMENT	UTILITIES	LOCATION TOTAL
Lake Houston & Pump Station	\$430,234	\$24,900	\$128,200	\$125,014	\$708,348
West Canal	134,398	68,700	60,500	0	263,598
Dam & Downstream	338,870	75,300	294,300	0	708,470
	<u>\$903,502</u>	<u>\$168,900</u>	<u>\$483,000</u>	<u>\$125,014</u>	<u>\$1,680,416</u>

COASTAL WATER AUTHORITY
 LAKE HOUSTON FACILITIES PROJECT
 SUMMARY OF FIELD SALARIES BY LOCATION
 2015 ANNUAL BUDGET

LOCATION	BASE COMPENSATION	RETIREE PAY (1)	3% COMPENSATION CONTINGENCY (2)	3% OVERTIME (3)	TOTAL
Lake Houston & Pump Station	\$377,580	\$30,000	\$11,327	\$11,327	\$430,234
West Canal	126,790	0	3,804	3,804	134,398
Dam & Downstream	319,688	0	9,591	9,591	338,870
	<u>\$824,058</u>	<u>\$30,000</u>	<u>\$24,722</u>	<u>\$24,722</u>	<u>\$903,502</u>

(1) Allows for termination payment to retirees.

(2) Provides for compensation contingency to include performance review in 2014

(2) Provides for minimum overtime.

COASTAL WATER AUTHORITY
 LAKE HOUSTON FACILITIES PROJECT
 ANALYSIS OF BASE FIELD SALARIES BY FUNCTION AND LOCATION
 2015 ANNUAL BUDGET

<u>LOCATION AND FUNCTION</u>	<u># OF EMPLOYEES</u>	<u>MAN HOURS (4)</u>	<u>AVG. RATE PER HOUR</u>	<u>BASE SALARIES</u>
<u>MANAGEMENT (1)</u>				
Lake Houston Pump Station	0.10	208	\$64.80	\$13,478
West Canal	0.10	208	64.80	13,478
Dam & Downstream	0.15	312	64.80	20,218
Subtotal	<u>0.35</u>	<u>728</u>	<u>64.80</u>	<u>47,174</u>
<u>SUPERVISORY PERSONNEL (2)</u>				
Lake Houston Pump Station	0.35	728	51.50	37,492
West Canal	0.35	728	51.50	37,492
Dam & Downstream	0.40	832	51.50	42,848
Subtotal	<u>1.10</u>	<u>2,288</u>	<u>51.50</u>	<u>117,832</u>
<u>ALL OTHER PERSONNEL (3)</u>				
Lake Houston Pump Station	5.60	11,648	28.04	326,610
West Canal	1.30	2,704	28.04	75,820
Dam & Downstream	4.40	9,152	28.04	256,622
Subtotal	<u>11.30</u>	<u>23,504</u>	<u>28.04</u>	<u>659,052</u>
Total Base Salaries	<u>12.75</u>	<u>26,520</u>	<u>\$31.07</u>	<u>\$824,058</u>

- (1) Includes Manager of Operations and Production, Manager of Security & General Superintendent.
- (2) Includes Superintendents, Master Electrician, Administrator OPM, and Purchasing Agent.
- (3) Includes Foremen, Electricians and Operators for construction, electrical, maintenance, and all routine operating functions.
- (4) Estimated number of employees at 2,080 hours per year.

COASTAL WATER AUTHORITY
 LAKE HOUSTON FACILITIES PROJECT
 ANALYSIS OF MATERIALS AND SUPPLIES BY LOCATION
 2015 ANNUAL BUDGET

LOCATION AND DESCRIPTION

LAKE HOUSTON AND PUMP STATION

Air Conditioning Repair Parts	\$2,000
Building / Grounds Maintenance	4,000
Electrical / Instrument	5,000
Herbicides / Insecticides	2,000
Miscellaneous Supplies	6,000
Office / Administrative	1,300
Oils and Lubricants	3,600
Power Tools, Hand Tools & Equip.	1,000
	<u>24,900</u>

WEST CANAL

Air Conditioning Repair Parts	800
Automotive / Equipment Repair Parts	9,000
Diesel Fuel 6880 gallons @ \$3.90	26,800
Electrical / Instrument	3,000
Gasoline 3600 gallons @ \$3.50	12,600
Herbicides / Insecticides	8,000
Mechanical, Plumbing, Valves, etc	1,000
Power Tools, Hand Tools & Equip.	2,000
Road Base, Sand, Rock, Rip Rap, etc.	3,000
Tires & Batteries	2,500
	<u>68,700</u>

DAM & DOWNSTREAM

Air Conditioning Repair Parts	400
Building / Grounds Maintenance	2,000
Electrical / Instrument	5,000
Herbicides / Insecticides	10,000
Miscellaneous Supplies	1,000
Office / Administrative	1,900
Oils and Lubricants	1,000
Power Tools, Hand Tools & Equip.	3,000
Road Base, Sand, Rock, Rip Rap, etc.	50,000
Welding Equipment & Supplies	1,000
	<u>75,300</u>

Total	<u><u>\$168,900</u></u>
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COASTAL WATER AUTHORITY
 LAKE HOUSTON FACILITIES PROJECT
 ANALYSIS OF CONTRACT LABOR AND EQUIPMENT BY LOCATION
 2015 ANNUAL BUDGET

LOCATION AND DESCRIPTION

LAKE HOUSTON AND PUMP STATION

Contract Labor (Welders, Divers, Tech Spt, etc)	\$300
Security: Contract Guards	120,000
Annual Service Contracts:	
-- Crane Test/Certification	300
-- Pest Control Service	600
-- Substation, Relay Testing	2,300
-- Uniform Service	3,400
-- Generator Load Testing	1,300
	128,200

WEST CANAL

Equipment Rental Services	5,000
Security: Fencing - Repairs/Replacements	50,000
RTU Upgrade -Material	4,000
RTU Upgrade -Labor	1,500
	60,500

DAM & DOWNSTREAM

Aquatic Vegetation Control	160,000
Buoy Maintenance/Replacement	10,000
Contract Labor (Welders, Divers, Tech Spt, etc)	5,000
Dam: Debris Removal	100,000
Equipment Rental Services	10,000
Training: Dam Safety USACE	9,000
Crane Test Certification	300
	294,300

Total	\$483,000
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COASTAL WATER AUTHORITY
 LAKE HOUSTON FACILITIES PROJECT
 ANALYSIS OF UTILITIES BY LOCATION
 2015 ANNUAL BUDGET

ELECTRICITY					
LOCATION	KW HOURS	AVG. RATE PER HOUR (1)	AMOUNT	ALL OTHER (2)	TOTAL
Lake Houston & Pump Station	1,565,000	\$0.0779	\$121,914	\$3,100	\$125,014
	<u>1,565,000</u>	<u>\$0.0779</u>	<u>\$121,914</u>	<u>\$3,100</u>	<u>\$125,014</u>

- (1) Reflects rate reduction accomplished through contract for electricity beginning July, 2012.
 (2) Includes telephone, water and waste disposal services.

