

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT
2017 ANNUAL BUDGET

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 BUDGET SUMMARY
 2017 ANNUAL BUDGET

<u>APPLICATION OF FUNDS</u>	2016 BUDGET	2016 PROJECTED	2017 BUDGET
Field Expenditures (1)	\$20,752,165	\$20,450,000	\$20,355,892
Capital Outlay	3,151,500	1,550,000	14,840,000
Debt Service	6,467,331	6,467,331	6,467,931
Total Expenditures	<u>30,370,996</u>	<u>28,467,331</u>	<u>41,663,823</u>
Ending Fund Balances (2)	5,188,041	5,188,041	5,088,973
Total Applications	<u>35,559,037</u>	<u>33,655,372</u>	<u>46,752,796</u>
 <u>SOURCE OF FUNDS</u>			
Beginning Fund Balances (2)	5,458,778	5,458,778	5,188,041
Investment Income - Operations	1,000	8,000	5,000
Other Income	150,000	267,000	150,000
Subtotal Sources	<u>5,609,778</u>	<u>5,733,778</u>	<u>5,343,041</u>
Capital Funding - Construction (3)	400,000	285,000	14,840,000
Debt Service Revenue - City	6,467,331	6,467,331	6,467,931
Subtotal	<u>12,477,109</u>	<u>12,486,109</u>	<u>26,650,972</u>
System Revenue - Project	<u>\$23,081,928</u>	<u>\$21,169,263</u>	<u>\$20,101,824</u>

(1) Includes assets purchased

(2) Project Fund only.

(3) 2017 Construction Funding from Special Project Equity Funding

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
FACTS AND ASSUMPTIONS
2017 ANNUAL BUDGET

FACTS

1. The 2017 budget is prepared on a cash basis.
2. Trinity River books and records consist of four funds, which are the Conveyance System Development Fund, the Special Contingency Fund, the Debt Service Fund, and the Project Fund.
3. The required fund balances have been reflected at the minimum balances per the various bond resolutions and applicable contract terms.
4. Trinity River is charged with direct salary and costs as well as an allocation of certain general items based upon an overall budgeted payroll allocation of 58%.
5. The 2017 budget reflects the impact of complying with SB361 as it relates to emergency electrical reliability at the two pump stations.
6. The 2017 Capital Outlay Projects are to be funded with CWA's Special Project Equity Fund.

ASSUMPTIONS

1. Salaries anticipate funding the employee benefits of two field retirees.
2. The 2017 budget anticipates staffing to support continuation of activities required to fulfill the obligation of the current contract with the City of Houston.
3. Utility expense anticipates a net decrease due to lower rate at Pump Station site and reduced communication expense.
4. Capital Outlay for 2017 includes funding of land purchase for expanding a portion of the Authority's lateral canals along with improvements to the Canal, and the pipeline portion of the conveyance system.

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 RECONCILIATION OF 2016 BUDGET TO 2017 BUDGET

	2016 Budget to 2017 Budget
2016 Budget	<u>\$20,752,165</u>
Field Salaries	161,495
Materials & Supplies	172,800
Contract Labor & Equipment	(185,150)
Utilities	(392,428)
Administrative Expense	52,360
General Operating Expenses (Insurance)	(203,640)
Engineering, Legal & Professional	(1,710)
Subtotal	<u>(396,273)</u>
2017 Budget	<u>\$20,355,892</u>
2017 Capital Improvement Budget (To be funded from Special Project Equity Fund)	<u>\$ 14,840,000</u>

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 STATEMENT OF REVENUES AND EXPENDITURES
 2017 ANNUAL BUDGET

	<u>2016 BUDGET</u>	<u>2016 PROJECTED</u>	<u>2017 BUDGET</u>
REVENUES			
Funds provided by City of Houston	\$29,549,259	\$27,636,594	\$26,569,755
Interest on Investments	1,000	8,000	5,000
Service Revenues(SJRA)	100,000	98,000	100,000
Other	50,000	169,000	50,000
Total Revenue	<u>29,700,259</u>	<u>27,911,594</u>	<u>26,724,755</u>
EXPENDITURES			
Field Salaries	3,119,226	3,350,000	3,280,721
Materials & Supplies	2,044,300	2,050,000	2,217,100
Contract Labor & Equipment (1)	4,449,100	4,400,000	4,263,950
Utilities	7,628,580	7,350,000	7,236,152
Administrative Expenses	1,497,205	1,470,000	1,549,565
General Operating Expenses	1,462,764	1,300,000	1,259,124
Engineering, Legal & Professional	550,990	530,000	549,280
Subtotal	<u>20,752,165</u>	<u>20,450,000</u>	<u>20,355,892</u>
Bond Interest Expense	3,137,331	3,137,331	3,012,931
Bond Principal Retirement	3,330,000	3,330,000	3,455,000
Debt Service	<u>6,467,331</u>	<u>6,467,331</u>	<u>6,467,931</u>
Construction Program	3,151,500	1,550,000	0
Capital Outlay	<u>3,151,500</u>	<u>1,550,000</u>	<u>0</u>
Total Expenditures	<u>30,370,996</u>	<u>28,467,331</u>	<u>26,823,823</u>
Net Increase (Decrease) in Fund Balances	(2) <u>(\$670,737)</u>	<u>(\$555,737)</u>	(3) <u>(\$99,068)</u>

(1) Includes assets purchased.

(2) Net of \$400,000 equity in fixed assets and \$270,737 decreased equity in fund balances.

(3) \$99,068 decreased equity in fund balances.

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 RECONCILIATION OF FUND ACTIVITY
 2017 ANNUAL BUDGET

	CONVEYANCE SYSTEM DEVELOPMENT FUND	* SPECIAL CONTINGENCY FUND
Beginning Balance	\$115,000	\$3,000,000
Service Revenue	0	0
Interest Earnings	288	0
Transfer - Interest	(288)	0
Other Revenue	0	0
Expenses	0	0
Debt Service	0	0
Capital Outlay	0	0
Net Activity	0	0
Ending Balance	\$115,000	\$3,000,000

* Interest Earnings are transferred to Special Projects Equity Fund per Contract requirements.

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 RECONCILIATION OF FUND ACTIVITY
 2017 ANNUAL BUDGET

	<u>DEBT SERVICE</u>	<u>PROJECT FUND</u>	<u>TOTAL TRINITY RIVER CONVEYANCE PROJECT FUND</u>
Beginning Balance	\$0	\$5,188,041	\$8,303,041
Service Revenue	6,467,931	20,101,824	26,569,755
Interest Earnings	0	4,712	5,000
Transfer - Interest	0	288	0
Other Revenue	0	150,000	150,000
Expenses	0	(20,355,892)	(20,355,892)
Debt Service	(6,467,931)	0	(6,467,931)
Capital Outlay	0	0	0
Net Activity	<u>0</u>	<u>(99,068)</u>	<u>(99,068)</u>
Ending Balance	<u>\$0</u>	<u>\$5,088,973</u>	<u>\$8,203,973</u>

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
WATER DEMAND FORECAST
2017 ANNUAL BUDGET

	<u>2016 BUDGET</u>	<u>2016 PROJECTED</u>	<u>2017 BUDGET</u>
Gallons (in thousands)	<u>204,209,400</u>	<u>214,818,100</u>	<u>225,502,300</u>

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
INVESTMENT AND OTHER INCOME
2017 ANNUAL BUDGET

INVESTMENT INCOME

Average Cash and Investments	\$2,000,000
Average Effective Interest Rate	0.25%
Total	<u>\$5,000</u>

OTHER INCOME

Project Fund - Miscellaneous	50,000
Total	<u>\$50,000</u>

Service Revenue (SJRA)

Other-San Jacinto River Authority	100,000
Total	<u>\$100,000</u>

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 SUMMARY OF GENERAL AND ADMINISTRATIVE EXPENDITURES
 2017 ANNUAL BUDGET

<u>GENERAL AND ADMINISTRATIVE EXPENDITURES</u>	<u>2016 BUDGET</u>	<u>2016 PROJECTED</u>	<u>2017 BUDGET</u>
ADMINISTRATIVE	\$1,497,205	\$1,470,000	\$1,549,565
GENERAL OPERATING (Insurance)	1,462,764	1,300,000	1,259,124
ENGINEERING, LEGAL & PROFESSIONAL	<u>550,990</u>	<u>530,000</u>	<u>549,280</u>
Total	<u>\$3,510,959</u>	<u>\$3,300,000</u>	<u>\$3,357,969</u>

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 ADMINISTRATIVE EXPENSES
 2017 ANNUAL BUDGET

Administrative Salaries	\$604,360 (1)
Pension Plan Contribution (11.8% of total compensation)	458,440
Payroll Taxes (7.65% of total compensation)	297,209
Office Lease and Utilities	119,956 (1)
Office Supplies	8,700 (1)
Travel, Meetings and Parking	4,640 (1)
Directors Compensation	16,240 (1)
Printing and Reproduction	2,320 (1)
Telephone/ Data Maintenance	17,400 (1)
Vehicle: Gas & Maintenance	2,900 (1)
Payroll / Employee Processing Services	11,600 (1)
Miscellaneous	5,800 (1)
	<u>\$1,549,565</u>

(1) Allocated based upon office payroll estimate of 58%.

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 OFFICE SALARY ALLOCATION
 2017 ANNUAL BUDGET

Executive Director

Chief Financial Officer

Accountant

Accountant

Accountant

Accountant

Accountant

Secretary

IT Manager

Base Office Salaries	\$1,042,000
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Office Allocation Factor (1)	58%
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Trinity River Office Salaries	\$604,360
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(1) Based upon payroll estimate allocation

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 GENERAL OPERATING EXPENSES
 2017 ANNUAL BUDGET

INSURANCE PREMIUM DESCRIPTION

Property Insurance	\$275,900	(1)	(5)
Property - Primary Flood	10,200	(2)	(5)
Texas Commercial Policy (General Liability)	19,431	(3)	(5)
Excess Liability	-	(8)	(5)
Watercraft Policy	7,250	(9)	(5)
Public Official & Employees Liability	9,570	(3)	(4) (7)
Notary Public Omissions	50	(2)	(4)
Public Employee Fidelity Bond	400	(2)	(4)
Pension - Fidelity Bond	116	(3)	(4)
Pension - Fiduciary Responsibility	5,742	(3)	(4)
Medical Insurance	765,600	(3)	(6) (7)
Public Official Position (Director Fidelity)	725	(3)	(5)
Automobile Insurance	17,400	(3)	(6)
Workers Compensation	55,100	(3)	(4) (7)
Dental Insurance	40,020	(3)	(4) (7)
Vision Insurance	7,250	(3)	(5) (7)
Combined Group Life/Short & Long Term Disability	44,370	(3)	(5) (7)
	<u>\$1,259,124</u>		

- (1) Allocated based upon total insurable value of 89%.
- (2) Coverage 100% specific for Trinity River.
- (3) Allocated based upon total payroll estimate of 58%.
- (4) Assumes no rate increase.
- (5) Assumes 3% rate increase.
- (6) Assumes 5% rate increase.
- (7) Assumes full employment.
- (8) Coverage 100% specific for Luce Bayou
- (9) Allocated to Maintenance Boat Locations.

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
ENGINEERING, LEGAL AND PROFESSIONAL EXPENSES
2017 ANNUAL BUDGET

Engineering Services	\$300,000 (1)
Legal Services	100,000 (3)
Accounting & Auditing	38,280 (2)
U.S. Geological Fee	16,000 (1)
Computer Support services	43,500 (2)
Website Development & Maintenance	20,300 (2)
Hardware, Software Upgrades and Maintenance	23,200 (2)
Miscellaneous Bank Fees	8,000 (3)
	<u>\$549,280</u>

(1) Based upon specific services.

(2) Allocated based upon total payroll estimate of 58%.

(3) Based upon specific and allocated services.

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 SUMMARY OF FIELD EXPENDITURES
 2017 ANNUAL BUDGET

<u>FIELD EXPENDITURES</u>	<u>2016 BUDGET</u>	<u>2016 PROJECTED</u>	<u>2017 BUDGET</u>
SALARIES	\$3,119,226	\$3,350,000	\$3,280,721
MATERIALS & SUPPLIES	2,044,300	2,050,000	2,217,100
CONTRACT LABOR AND EQUIPMENT			
Contracted	4,377,100	4,235,000	4,092,650
Purchased	72,000	165,000	171,300
Subtotal	<u>4,449,100</u>	<u>4,400,000</u>	<u>4,263,950</u>
UTILITIES	7,628,580	7,350,000	7,236,152
Total	<u>\$17,241,206</u>	<u>\$17,150,000</u>	<u>\$16,997,923</u>

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 FIELD EXPENDITURES BY LOCATION
 2017 ANNUAL BUDGET

LOCATIONS	FIELD SALARIES	MATERIALS AND SUPPLIES	CONTRACT LABOR AND EQUIPMENT	UTILITIES	LOCATION TOTAL
Trinity River Pump Station	\$599,805	\$178,400	\$1,264,850	\$2,167,005	\$4,210,060
Maintenance Station	233,378	265,700	13,800	28,700	541,578
Main Canal	443,698	24,500	43,210	0	511,408
Cedar Point Lateral	317,213	21,000	51,640	1,750	391,603
Lynchburg Reservoir	67,153	10,000	0	0	77,153
Lynchburg Pump Station	1,194,725	1,685,200	2,684,450	5,031,497	10,595,872
Distribution System	379,776	32,300	206,000	7,200	625,276
Bayport Reservoir	44,973	0	0	0	44,973
	<u>\$3,280,721</u>	<u>\$2,217,100</u>	<u>\$4,263,950</u>	<u>\$7,236,152</u>	<u>\$16,997,923</u>

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 SUMMARY OF FIELD SALARIES BY LOCATION
 2017 ANNUAL BUDGET

LOCATION	BASE COMPENSATION	RETIREE PAY (1)	3% OVERTIME (2)	TOTAL
Trinity River Pump Station	\$558,063	\$25,000	\$16,742	\$599,805
Maintenance Station	226,581	0	6,797	233,378
Main Canal	430,775	0	12,923	443,698
Cedar Point Lateral	307,974	0	9,239	317,213
Lynchburg Reservoir	65,197	0	1,956	67,153
Lynchburg Pump Station	1,135,655	25,000	34,070	1,194,725
Distribution System	368,715	0	11,061	379,776
Bayport Reservoir	43,663	0	1,310	44,973
	<u>\$3,136,623</u>	<u>\$50,000</u>	<u>\$94,098</u>	<u>\$3,280,721</u>

(1) Allows for employee benefit payments to retirees.

(2) Provides for minimum overtime.

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 ANALYSIS OF BASE FIELD SALARIES BY FUNCTION AND LOCATION
 2017 ANNUAL BUDGET

LOCATION AND FUNCTION	# OF EMPLOYEES	MAN HOURS (4)	AVG. RATE PER HOUR	BASE SALARIES
MANAGEMENT (1)				
Trinity River Pump Station	0.200	416	\$70.29	\$29,241
Maintenance Station	0.100	208	70.29	14,620
Main Canal	0.150	312	70.29	21,930
Cedar Point Lateral	0.100	208	70.29	14,620
Lynchburg Reservoir	0.050	104	70.29	7,310
Lynchburg Pump Station	0.350	728	70.29	51,171
Distribution System	0.200	416	70.29	29,241
Bayport Reservoir	0.050	104	70.29	7,310
Subtotal	<u>1.200</u>	<u>2,496</u>	<u>70.29</u>	<u>175,443</u>
SUPERVISORY PERSONNEL (2)				
Trinity River Pump Station	0.600	1,248	56.45	70,450
Maintenance Station	0.600	1,248	56.45	70,450
Main Canal	0.600	1,248	56.45	70,450
Cedar Point Lateral	0.350	728	56.45	41,096
Lynchburg Reservoir	0.100	208	56.45	11,742
Lynchburg Pump Station	1.350	2,808	56.45	158,512
Distribution System	0.900	1,872	56.45	105,674
Bayport Reservoir	0.100	208	56.45	11,742
Subtotal	<u>4.600</u>	<u>9,568</u>	<u>56.45</u>	<u>540,116</u>
ALL OTHER PERSONNEL (3)				
Trinity River Pump Station	7.450	15,496	29.58	458,372
Maintenance Station	2.300	4,784	29.58	141,511
Main Canal	5.500	11,440	29.58	338,395
Cedar Point Lateral	4.100	8,528	29.58	252,258
Lynchburg Reservoir	0.750	1,560	29.58	46,145
Lynchburg Pump Station	15.050	31,304	29.58	925,972
Distribution System	3.800	7,904	29.58	233,800
Bayport Reservoir	0.400	832	29.58	24,611
Subtotal	<u>39.350</u>	<u>81,848</u>	<u>29.58</u>	<u>2,421,064</u>
Total Base Salaries	<u>45.150</u>	<u>93,912</u>	<u>\$33.40</u>	<u>\$3,136,623</u>

(1) Includes Manager of Operations and Production, Manager of Security.

(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
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 ANALYSIS OF MATERIALS AND SUPPLIES BY LOCATION
 2017 ANNUAL BUDGET

LOCATION AND DESCRIPTION

TRINITY RIVER PUMP STATION	
Reliability Contract (NRG) Fuel	\$149,100
Air Conditioning Repair Parts	1,000
Building / Grounds Maintenance	2,000
Electrical / Instrument	8,000
Herbicides / Insecticides	2,000
Mechanical, Plumbing, Valves, etc.	7,000
Miscellaneous Supplies	2,000
Office / Administrative	1,300
Oils and Lubricants	4,000
Power Tools, Hand Tools & Equip.	1,000
Security, Fencing, Signs, etc.	1,000
	<u>178,400</u>
MAINTENANCE STATION	
Air Conditioning Repair Parts	1,000
Automotive / Equipment Repair Parts	90,000
Building / Grounds Maintenance	2,000
Diesel Fuel 28160 gal @ \$2.87	80,800
Electrical / Instrument	6,000
Gasoline 15580 gal @ \$2.49	38,800
Herbicides / Insecticides	2,000
Mechanical, Plumbing, Valves, etc.	1,000
Miscellaneous Supplies	4,700
Office / Administrative	2,400
Oils and Lubricants	5,000
Power Tools, Hand Tools & Equip.	5,000
Tires & Batteries	15,000
Welding Equipment & Supplies	12,000
	<u>265,700</u>
MAIN CANAL	
Canal Check & Gate Maint.	1,500
Electrical / Instrument	1,000
Herbicides / Insecticides	10,000
Miscellaneous Supplies	1,000
Power Tools, Hand Tools & Equip.	3,000
Road Base, Sand, Rock, Rip Rap, etc.	5,000
Security, Fencing, Signs, etc.	3,000
	<u>24,500</u>
CEDAR POINT LATERAL	
Canal Check & Gate Maint.	500
Electrical / Instrument	500
Herbicides / Insecticides	10,000
Miscellaneous Supplies	1,000
Power Tools, Hand Tools & Equip.	2,000
Road Base, Sand, Rock, Rip Rap, etc.	5,000
Security, Fencing, Signs, etc.	2,000
	<u>21,000</u>

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 ANALYSIS OF MATERIALS AND SUPPLIES BY LOCATION
 2017 ANNUAL BUDGET

LOCATION AND DESCRIPTION

LYNCHBURG RESERVOIR	
Building / Grounds Maintenance	2,000
Herbicides / Insecticides	3,000
Road Base, Sand, Rock, Rip Rap, etc.	5,000
	<u>10,000</u>
LYNCHBURG PUMP STATION	
Reliability Contract (NRG - Fuel)	279,500
Air Conditioning Repair Parts	10,000
Building / Grounds Maintenance	8,000
CHEMICALS:	
-- Chlorine	771,300
-- Aqua Ammonia	240,900
-- Quantity Variance	101,200
--Misc Chemicals/ Pigtails, Adaptors	24,300
Sub-total - Chemicals:	<u>1,137,700</u>
Diesel Fuel 3520 gal @ \$2.87	10,100
Electrical / Instrument	17,000
Gasoline 17630 gal @ \$2.49	43,900
Herbicides / Insecticides	3,000
Lab Test Equip & Supplies	3,000
Mechanical, Plumbing, Valves, etc.	10,000
Miscellaneous Supplies	30,000
Office / Administrative	24,000
Oils and Lubricants	8,000
Power Tools, Hand Tools & Equip.	18,000
Variable Frequency Drive Repair Parts	80,000
Welding Equip & Supplies	3,000
	<u>1,685,200</u>
DISTRIBUTION SYSTEM	
Air Conditioning Repair Parts	1,000
Building / Grounds Maintenance	4,000
Channel Light System	3,500
Electrical / Instrument	2,000
Herbicides / Insecticides	10,000
Lab Test Equip & Supplies	1,000
Mechanical, Plumbing, Valves, etc.	4,000
Miscellaneous Supplies	1,000
Oils and Lubricants	800
Power Tools, Hand Tools & Equip.	4,000
Security, Fencing, Signs, etc.	1,000
	<u>32,300</u>
Total	<u><u>\$2,217,100</u></u>

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 ANALYSIS OF CONTRACT LABOR AND EQUIPMENT BY LOCATION
 2017 ANNUAL BUDGET

LOCATION AND DESCRIPTION

TRINITY RIVER PUMP STATION

Reliability Contract (NRG - Service Fee)	\$ 912,000
Major Motor Repair, 1 each	85,000
Major Pump Repair, 1 each	250,000
Annual Service Contracts:	
-- Crane Test/Certification	200
-- Pest Control Service	400
-- Substation, Relay Testing	5,200
-- Uniform Service	2,300
Purchase Equipment (allocated)	
--15' Mower	850
-- Tractor 4x4	4,000
-- A/C Service Truck	4,900
	<u>1,264,850</u>

MAINTENANCE STATION

Annual Service Contracts:	
-- Janitorial Service	3,200
-- Pest Control Service	400
-- Uniform Service	5,300
Purchase Equipment (allocated)	
-- A/C Service Truck	4,900
	<u>13,800</u>

MAIN CANAL

Purchase Equipment (allocated)	
--15' Mower	7,310
-- Tractor 4x4	34,400
-- A/C Service Truck	1,500
	<u>43,210</u>

CEDAR POINT LATERAL

Purchase Equipment (allocated)	
--15' Mower	7,310
-- Tractor 4x4	34,400
-- A/C Service Truck	1,200
	<u>42,910</u>

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 ANALYSIS OF CONTRACT LABOR AND EQUIPMENT BY LOCATION
 2017 ANNUAL BUDGET

LOCATION AND DESCRIPTION

LYNCHBURG RESERVOIR

Purchase Equipment (allocated)	
--15' Mower	1,530
-- Tractor 4x4	7,200
	<u>8,730</u>

LYNCHBURG PUMP STATION

Reliability Contract (NRG - Service Fee)	1,710,000
Major Motor Repair, 1 each	100,000
Major Pump Repair, 1 each	190,000
Security: (Contract Guards)	135,000
Training: Safety, RMP, Hazwop, AirPk, etc	10,000
Replace Intake Screens 2 sets for "A" System	125,000
Annual Service Contracts:	
-- Crane Test/Certification	1,400
-- SCADA: HSQ Svc/Tech Support	7,000
-- Janitorial Service	8,400
-- Pest Control Service	1,100
-- MSDS ONLINE	2,500
-- Security System	1,000
-- Substation, Relay Testing (Centerpoint Requirement)	49,500
-- Uniform Service	8,850
-- VFD Component Repair	80,000
-- VFD Control System Maint	30,000
-- Pager Service	2,500
RMP Consultant	6,000
Invensys Processor Upgrade	96,600
Rehab B Motor Foundation (1)	77,000
New "C1" VFD House A/C Unit (2 units)	30,600
Expan Electronic Security System LPS	5,000
Purchase Equipment (allocated)	
-- A/C Service Truck	7,000
	<u>2,684,450</u>

DISTRIBUTION SYSTEM

Equipment Rental Services	1,000
Condition Assessment Support	150,000
Annual Service Contracts:	
-- Crane Test/Certification	200
Purchase Equipment (allocated):	
-- Tractor 4x4	29,600
-- Spray Rig - Dodge	22,200
-- A/C Service Truck	3,000
	<u>206,000</u>

Total \$4,263,950

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 ANALYSIS OF UTILITIES BY LOCATION
 2017 ANNUAL BUDGET

ELECTRICITY					
LOCATION	KW HOURS	AVG. RATE HOUR (1)	AMOUNT	ALL OTHER (2)	TOTAL
Trinity River Pump Station	35,505,000	\$0.0610	\$2,165,805	\$1,200	\$2,167,005
Maintenance Station	250,000	0.0828	20,700	8,000	28,700
Cedar Point Lateral	5,000	0.1500 (3)	750	1,000	1,750
Lynchburg Pump Station	84,005,000	0.0593	4,981,497	50,000	5,031,497
Distribution System	60,000	0.1200 (3)	7,200	0	7,200
	<u>119,825,000</u>	<u>\$0.0599</u>	<u>\$7,175,952</u>	<u>\$60,200</u>	<u>\$7,236,152</u>

(1) Includes deregulated contract rates in all facilities except Entergy service area at Trinity River Pump Station.

(2) Includes telephone, water and waste disposal services.

(3) Includes the effect of minimum charges.

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 DEBT SERVICE
 2017 ANNUAL BUDGET

	(1)	(2)	TOTAL
Bond Interest Expense	\$1,477,850	\$1,535,081	\$3,012,931
Bond Principal Retirement	2,550,000	905,000	3,455,000
Total Debt Service	\$4,027,850	\$2,440,081	\$6,467,931

- (1) In 2010, CWA issued \$38,900,000 of Contract Revenue Refunding Bonds, Series 2010.
- (2) In December 2014, CWA issued \$38,415,000 of Contract Revenue Refunding Bonds, Series 2014, to refund the Contract Revenue Bonds, Series 2004 which were issued to finance the expansion of the Trinity River Pump Station and the Lynchburg Pump Station

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 CAPITAL OUTLAYS
 2017 ANNUAL BUDGET

	CWA Special Projects Equity Fund
Canal System Slope Condition Assessment 12 Sections @ \$200,000 each	\$ 2,400,000
Pipeline Condition Assessment/ Repairs Assessment: 22 Sections @ 250,000	5,500,000
Repairs: 12 Sections @ 120,000	1,440,000
ROW Acquisition - Northwest Lateral D	500,000
Delivery Reconfiguration - Northwest Lateral D	5,000,000
Total Capital Outlays	\$ 14,840,000