



COASTAL WATER AUTHORITY

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November 8, 2023

The Honorable Sylvester Turner, Mayor
Members of the City Council
City of Houston
P. O. Box 1562
Houston, Texas 77251-1562

**RE: 2024 ANNUAL BUDGET
TRINITY RIVER WATER CONVEYANCE PROJECT**

Mayor Turner and Members of the City Council:

In compliance with provisions of the Operating Contract between the City of Houston (the City) and the Coastal Water Authority (CWA), the Board of Directors respectfully submits the 2024 Calendar Year Budget for the Trinity River Water Conveyance Project for your consideration and approval.

The CWA 2024 Proposed Budget of \$31,954,500 is an increase of about \$2,213,700 from the 2023 Operating Budget of \$29,740,800. The 2024 Budget supports CWA's expected delivery of 236.8 billion gallons of water for the City's treatment plants and its industrial, municipal and agricultural customers. This is an 8% increase in the water demands for the City compared to the 2023 Budget. One of the corresponding increases in 2024 is the cost of the additional electricity to operate the pumping equipment for this additional water demand.

The significant increase in the 2024 Budget is primarily related to repairs needed at the pump station. These activities include repairing two pumps and a large motor along with repairs to the structures containing the pump basement and drive houses. There is also a need for the replacement of a large tractor and mower, and the enhancement of security at the pump station facilities to include upgraded cameras, fencing and guard services.

The Authority's Board of Directors and its management team continue to identify activities where costs could be reduced and still allow CWA to meet its obligations to the City. Some of these activities are:

- Management staff working with Public Works' staff on CWA chemical contracts being merged with the City's chemical contract bids to achieve an improved cost advantage.
- The Authority had negotiated a rate reduction in the electricity contract that remains in effect in 2024 and is valid through December 2026.
- The Authority anticipates an increase in the cost of property insurance and employees' medical insurance policies in 2024.

The Honorable Sylvester Turner, Mayor
Members of the City Council
2024 Annual Budget, Trinity River
November 8, 2023
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The proposed 2024 Budget is the product of several meetings and discussions between representatives of the City's Houston Public Works Department and the Authority's operational and management staff members.

The proposed budget provides minimal contingencies in the event of unanticipated occurrences. The failure of high-cost equipment or severe weather conditions that damage the system may result in a supplemental funding request. In such an event, the request would be documented as to need and coordinated with the Houston Public Works Department.

The members of the Board of Directors wish to express their appreciation to everyone involved in this Project, especially those City employees of Houston Public Works Department for their cooperation and assistance in furthering the CWA Project as a major contributory resource for the Houston Combined Utility System. We look forward to continued efforts in planning and providing for the further growth of the City of Houston's water requirements.

Sincerely,



Tony L. Council
1st Vice President, Board of Directors

Attachment

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT
2024 ANNUAL BUDGET

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
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COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
BUDGET SUMMARY
2024 ANNUAL BUDGET

APPLICATION OF FUNDS	2023 BUDGET	2023 PROJECTED	2024 BUDGET
Field Expenditures (1)	\$29,740,800	\$29,127,000	\$31,954,500
Capital Outlay	5,366,200	2,950,000	986,250
Debt Service	6,463,081	6,463,081	6,524,800
Total Expenditures	41,570,081	38,540,081	39,465,550
Ending Fund Balances (2)	7,435,173	7,435,173	7,988,673
Total Applications	49,005,254	45,975,254	47,454,223

SOURCE OF FUNDS

Beginning Fund Balances (2)	5,943,473	5,943,473	7,435,173
Investment Income - Operations	40,000	84,000	120,000
Other Income	220,000	200,000	220,000
Subtotal Sources	6,203,473	6,227,473	7,775,173
Capital Funding - Construction (3)	5,366,200	2,950,000	986,250
Debt Service Revenue - City	6,463,081	6,463,081	6,524,800
Subtotal	18,032,754	15,640,554	15,286,223
System Revenue - Project	\$30,972,500	\$30,334,700	\$32,168,000

(1) Includes assets purchased

(2) Project Fund only.

(3) 2024 Construction Funding from Special Project Equity Funding

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
FACTS AND ASSUMPTIONS
2024 ANNUAL BUDGET

FACTS

1. The 2024 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 50%.
5. The 2024 budget reflects the impact of complying with SB361 as it relates to emergency electrical reliability at the two pump stations.
6. The 2024 Capital Outlay Projects are to be funded with CWA's Special Project Equity Fund and City of Houston Funds.

ASSUMPTIONS

1. Salaries anticipate funding the employee benefits of four field retirees.
2. The 2024 budget anticipates staffing to support continuation of activities required to fulfill the obligation of the current contract with the City of Houston.
3. The water demand forecast reflects an increase in usage from the City of Houston.
4. Capital Outlay for 2024 includes funding for the major repairs to the Distribution System and direct funding from the City of Houston for road and major pipeline repair projects.

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
RECONCILIATION OF 2023 BUDGET TO 2024 BUDGET

	2023 Budget to 2024 Budget
2023 Budget	<u>\$29,740,800</u>
Field Salaries	143,100
Materials & Supplies	(1,105,100)
Contract Labor & Equipment	2,080,500
Utilities	723,400
Administrative Expense	117,700
General Operating Expenses (Insurance)	135,100
Engineering, Legal & Professional	<u>119,000</u>
Subtotal	<u>2,213,700</u>
2024 Budget	<u><u>\$31,954,500</u></u>

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
STATEMENT OF REVENUES AND EXPENDITURES
2024 ANNUAL BUDGET

	2023 BUDGET	2023 PROJECTED	2024 BUDGET
REVENUES			
Funds provided by City of Houston	\$37,435,600	\$36,797,800	\$38,692,800
Interest on Investments	40,000	84,000	120,000
Service Revenues(SJRA)	120,000	110,000	120,000
Other	100,000	90,000	100,000
Total Revenue	<u>37,695,600</u>	<u>37,081,800</u>	<u>39,032,800</u>
EXPENDITURES			
Field Salaries	4,165,500	4,115,000	4,308,600
Materials & Supplies	9,559,200	9,150,000	8,454,100
Contract Labor & Equipment (1)	5,147,600	5,090,000	7,228,100
Utilities	6,888,300	6,840,000	7,611,700
Administrative Expenses	1,840,200	1,830,000	1,957,900
General Operating Expenses	1,592,700	1,572,000	1,727,800
Engineering, Legal & Professional	547,300	530,000	666,300
Subtotal	<u>29,740,800</u>	<u>29,127,000</u>	<u>31,954,500</u>
Bond Interest Expense	1,948,081	1,948,081	1,789,800
Bond Principal Retirement	4,515,000	4,515,000	4,735,000
Debt Service	<u>6,463,081</u>	<u>6,463,081</u>	<u>6,524,800</u>
Total Expenditures	<u>36,203,881</u>	<u>35,590,081</u>	<u>38,479,300</u>
Net Increase (Decrease) in Fund Balances	(2) <u>\$1,491,719</u>	<u>\$1,491,719</u>	(3) <u>\$553,500</u>

- (1) Includes assets purchased.
(2) Decreased equity in fund balances.
(3) Increased equity in fund balances.

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
RECONCILIATION OF FUND ACTIVITY
2024 ANNUAL BUDGET

	* SPECIAL CONTINGENCY FUND
Beginning Balance	<u>\$3,000,000</u>
Service Revenue	0
Interest Earnings	0
Transfer - Interest	0
Other Revenue	0
Expenses	0
Debt Service	0
Net Activity	<u>0</u>
Ending Balance	<u><u>\$3,000,000</u></u>

* 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
2024 ANNUAL BUDGET

	<u>DEBT SERVICE</u>	<u>PROJECT FUND</u>	<u>TOTAL TRINITY RIVER CONVEYANCE PROJECT FUND</u>
Beginning Balance	<u>\$0</u>	<u>\$7,435,173</u>	<u>\$10,435,173</u>
Service Revenue	6,524,800	32,168,000	38,692,800
Interest Earnings	0	120,000	120,000
Transfer - Interest	0	0	0
Other Revenue	0	220,000	220,000
Expenses	0	(31,954,500)	(31,954,500)
Debt Service	(6,524,800)	0	(6,524,800)
Repair Costs	0	0	0
Net Activity	<u>0</u>	<u>553,500</u>	<u>553,500</u>
Ending Balance	<u><u>\$0</u></u>	<u><u>\$7,988,673</u></u>	<u><u>\$10,988,673</u></u>

COASTAL WATER AUTHORITY
 TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
 WATER DEMAND FORECAST
 2024 ANNUAL BUDGET

	<u>2023 BUDGET</u>	<u>2023 PROJECTED</u>	<u>2024 BUDGET</u>
Gallons (in thousands)	<u>217,526,800</u>	<u>234,278,100</u>	<u>236,860,200</u>

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
INVESTMENT AND OTHER INCOME
2024 ANNUAL BUDGET

INVESTMENT INCOME

Average Cash and Investments	\$3,000,000
Average Effective Interest Rate	4.00%
Total	<u><u>\$120,000</u></u>

OTHER INCOME

Project Fund - Miscellaneous	100,000
Total	<u><u>\$100,000</u></u>

Service Revenue (SJRA)

Other-San Jacinto River Authority	120,000
Total	<u><u>\$120,000</u></u>

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
SUMMARY OF GENERAL AND ADMINISTRATIVE EXPENDITURES
2024 ANNUAL BUDGET

<u>GENERAL AND ADMINISTRATIVE EXPENDITURES</u>	<u>2023 BUDGET</u>	<u>2023 PROJECTED</u>	<u>2024 BUDGET</u>
ADMINISTRATIVE	\$1,840,200	\$1,830,000	\$1,957,900
GENERAL OPERATING (Insurance)	1,592,700	1,572,000	1,727,800
ENGINEERING, LEGAL & PROFESSIONAL	<u>547,300</u>	<u>530,000</u>	<u>666,300</u>
Total	<u>\$3,980,200</u>	<u>\$3,932,000</u>	<u>\$4,352,000</u>

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
ADMINISTRATIVE EXPENSES
2024 ANNUAL BUDGET

Administrative Salaries	\$655,000 (1)
Pension Plan Contribution (11.8% of total compensation)	585,705
Payroll Taxes (7.65% of total compensation)	379,715
Office Lease and Utilities	200,000 (1)
Office Supplies	20,000 (1)
Travel, Meetings and Parking	12,500 (1)
Directors Compensation	22,500 (1)
Printing and Reproduction	12,500 (1)
Telephone/ Data Maintenance	22,500 (1)
Vehicle: Gas & Maintenance	10,000 (1)
Payroll / Employee Processing Services	17,500 (1)
Miscellaneous	20,000 (1)
	<u>\$1,957,920</u>

(1) Allocated based upon office payroll estimate of 50%.

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
OFFICE SALARY ALLOCATION
2024 ANNUAL BUDGET

Executive Director

Chief Financial Officer

Chief Accountant

Senior Accountant

Senior Accountant

Senior Accountant

Senior Accountant

Executive Secretary

Financial Analyst

Base Office Salaries	<u>\$1,310,000</u>
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Office Allocation Factor (1)	<u>50.0%</u>
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Trinity River Office Salaries	<u><u>\$655,000</u></u>
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(1) Based upon payroll estimate allocation

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
GENERAL OPERATING EXPENSES
2024 ANNUAL BUDGET

INSURANCE PREMIUM DESCRIPTION

Property Insurance	\$405,600	(1)	(6)	
Property - Primary Flood	5,000	(2)	(5)	
Texas Commercial Policy (General Liability)	13,500	(3)	(5)	
Excess Liability	-	(9)	(5)	
Watercraft Policy	10,500	(9)	(5)	
Public Official & Employees Liability	5,500	(3)	(4)	(7)
Notary Public Omissions	100	(2)	(4)	
Public Employee Fidelity Bond	500	(2)	(4)	
Pension - Fidelity Bond	135	(3)	(4)	
Pension - Fiduciary Responsibility	3,500	(3)	(5)	
Medical Insurance	1,100,000	(3)	(6)	(7)
Public Official Position (Director Fidelity)	500	(3)	(4)	
Automobile Insurance	19,000	(3)	(5)	
Workers Compensation	64,000	(3)	(5)	(7)
Dental Insurance	42,500	(3)	(5)	(7)
Vision Insurance	12,500	(3)	(5)	(7)
Combined Group Life/Short & Long Term Disability	45,000	(3)	(5)	(7)
	<u>\$1,727,835</u>			

- (1) Allocated based upon total insurable value of 52%.
- (2) Coverage 100% specific for Trinity River.
- (3) Allocated based upon total payroll estimate of 50%.
- (4) Assumes no rate increase.
- (5) Assumes 5% rate increase.
- (6) Assumes 12% 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
2024 ANNUAL BUDGET

Engineering Services	\$400,000 (1)
Legal Services	100,000 (3)
Accounting & Auditing	45,000 (2)
U.S. Geological Fee	16,300 (1)
Computer Support services	40,000 (2)
Website Development & Maintenance	20,000 (2)
Hardware, Software Upgrades and Maintenance	35,000 (2)
Miscellaneous Bank Fees	10,000 (3)
	<u>\$666,300</u>

(1) Based upon specific services.

(2) Allocated based upon total payroll estimate of 50%.

(3) Based upon specific and allocated services.

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
SUMMARY OF FIELD EXPENDITURES
2024 ANNUAL BUDGET

<u>FIELD EXPENDITURES</u>	<u>2023 BUDGET</u>	<u>2023 PROJECTED</u>	<u>2024 BUDGET</u>
SALARIES	\$4,165,500	\$4,115,000	\$4,308,600
MATERIALS & SUPPLIES	9,559,200	9,150,000	8,454,100
CONTRACT LABOR AND EQUIPMENT			
Contracted	4,952,700	4,880,000	6,888,500
Purchased	194,900	210,000	339,600
Subtotal	<u>5,147,600</u>	<u>5,090,000</u>	<u>7,228,100</u>
UTILITIES	6,888,300	6,840,000	\$7,611,700
Total	<u><u>\$25,760,600</u></u>	<u><u>\$25,195,000</u></u>	<u><u>\$27,602,500</u></u>

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
FIELD EXPENDITURES BY LOCATION
2024 ANNUAL BUDGET

LOCATIONS	FIELD SALARIES	MATERIALS AND SUPPLIES	CONTRACT LABOR AND EQUIPMENT	UTILITIES	LOCATION TOTAL
Trinity River Pump Station	\$770,058	\$136,675	\$1,776,286	\$2,698,000	\$5,381,019
Maintenance Station	303,303	329,585	386,370	57,500	1,076,758
Main Canal	523,723	28,020	198,490	0	750,233
Cedar Point Lateral	371,171	27,020	81,190	2,285	481,666
Lynchburg Reservoir	121,976	10,700	178,990	0	311,666
Lynchburg Pump Station	1,658,410	7,820,295	4,287,598	4,841,900	18,608,203
Distribution System	444,444	91,730	292,830	12,000	841,004
Bayport Reservoir	115,508	10,120	26,390	0	152,018
	<u>\$4,308,593</u>	<u>\$8,454,145</u>	<u>\$7,228,144</u>	<u>\$7,611,685</u>	<u>\$27,602,567</u>

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
SUMMARY OF FIELD SALARIES BY LOCATION
2024 ANNUAL BUDGET

LOCATION	BASE COMPENSATION	RETIREE PAY (1)	5% OVERTIME (2)	TOTAL
Trinity River Pump Station	\$661,960	\$75,000	\$33,098	\$770,058
Maintenance Station	288,860	0	14,443	303,303
Main Canal	498,784	0	24,939	523,723
Cedar Point Lateral	353,496	0	17,675	371,171
Lynchburg Reservoir	116,168	0	5,808	121,976
Lynchburg Pump Station	1,465,152	120,000	73,258	1,658,410
Distribution System	423,280	0	21,164	444,444
Bayport Reservoir	110,008	0	5,500	115,508
	<u>\$3,917,708</u>	<u>\$195,000</u>	<u>\$195,885</u>	<u>\$4,308,593</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
2024 ANNUAL BUDGET

LOCATION AND FUNCTION	# OF EMPLOYEES	MAN HOURS (4)	AVG. RATE PER HOUR	BASE SALARIES
<u>MANAGEMENT (1)</u>				
Trinity River Pump Station	0.300	624	\$72.00	\$44,928
Maintenance Station	0.400	832	72.00	59,904
Main Canal	0.450	936	72.00	67,392
Cedar Point Lateral	0.200	416	72.00	29,952
Lynchburg Reservoir	0.150	312	72.00	22,464
Lynchburg Pump Station	1.000	2,080	72.00	149,760
Distribution System	0.300	624	72.00	44,928
Bayport Reservoir	0.194	404	72.00	29,088
Subtotal	2.994	6,228	72.00	448,416
<u>SUPERVISORY PERSONNEL (2)</u>				
Trinity River Pump Station	0.650	1,352	68.00	91,936
Maintenance Station	0.500	1,040	68.00	70,720
Main Canal	0.450	936	68.00	63,648
Cedar Point Lateral	0.350	728	68.00	49,504
Lynchburg Reservoir	0.200	416	68.00	28,288
Lynchburg Pump Station	1.750	3,640	68.00	247,520
Distribution System	0.800	1,664	68.00	113,152
Bayport Reservoir	0.247	514	68.00	34,952
Subtotal	4.947	10,290	68.00	699,720
<u>ALL OTHER PERSONNEL (3)</u>				
Trinity River Pump Station	7.425	15,444	34.00	525,096
Maintenance Station	2.238	4,654	34.00	158,236
Main Canal	5.200	10,816	34.00	367,744
Cedar Point Lateral	3.875	8,060	34.00	274,040
Lynchburg Reservoir	0.925	1,924	34.00	65,416
Lynchburg Pump Station	15.100	31,408	34.00	1,067,872
Distribution System	3.750	7,800	34.00	265,200
Bayport Reservoir	0.650	1,352	34.00	45,968
Subtotal	39.163	81,458	34.00	2,769,572
Total Base Salaries	47.104	97,976	\$39.99	\$3,917,708

(1) Includes Manager of Operations, Manager of Security, Electrical Engineer, and Staff Engineer.

(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
2024 ANNUAL BUDGET

LOCATION AND DESCRIPTION

TRINITY RIVER PUMP STATION

Reliability Contract (NRG) Fuel	\$ 66,700
Air Conditioning Repair Parts	1,800
Building / Grounds Maintenance	1,200
Electrical / Instrument	9,600
Herbicides / Insecticides	2,250
Mechanical, Plumbing, Valves, etc.	7,200
Miscellaneous Supplies	8,350
Office / Administrative	1,575
Oils and Lubricants	7,800
Power Tools, Hand Tools & Equip.	4,200
Personal Protective Equipment	20,000
Road Base, Sand, Rock, Rip Rap, etc.	6,000
	<u>136,675</u>

MAINTENANCE STATION

Air Conditioning Repair Parts	1,800
Automotive / Equipment Repair Parts	100,000
Building / Grounds Maintenance	1,200
Diesel Fuel	98,381
Electrical / Instrument	7,200
Gasoline	58,389
Herbicides / Insecticides	2,250
Mechanical, Plumbing, Valves, etc.	2,400
Miscellaneous Supplies	9,675
Office / Administrative	2,890
Oils and Lubricants	1,200
Power Tools, Hand Tools & Equip.	7,200
Tires & Batteries	25,000
Welding Equipment & Supplies	12,000
	<u>329,585</u>

MAIN CANAL

Canal Check & Gate Maint.	1,240
Electrical / Instrument	1,200
Herbicides / Insecticides	10,500
Miscellaneous Supplies	3,580
Oils and Lubricants	300
Power Tools, Hand Tools & Equip.	5,200
Road Base, Sand, Rock, Rip Rap, etc.	6,000
	<u>28,020</u>

CEDAR POINT LATERAL

Canal Check & Gate Maint.	1,240
Electrical / Instrument	1,200
Herbicides / Insecticides	10,500
Miscellaneous Supplies	3,580
Oils and Lubricants	300
Power Tools, Hand Tools & Equip.	4,200
Road Base, Sand, Rock, Rip Rap, etc.	6,000
	<u>27,020</u>

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
ANALYSIS OF MATERIALS AND SUPPLIES BY LOCATION
2024 ANNUAL BUDGET

LOCATION AND DESCRIPTION

LYNCHBURG RESERVOIR

Building / Grounds Maintenance	1,200
Herbicides / Insecticides	3,500
Road Base, Sand, Rock, Rip Rap, etc.	6,000
	<u>10,700</u>

LYNCHBURG PUMP STATION

CHEMICALS:

-- Chlorine	5,337,500
-- Aqua Ammonia	680,000
-- Quantity Variance	902,625
--Misc Chemicals/ Pigtails, Adaptors	70,000
Sub-total - Chemicals:	6,990,125

Reliability Contract (NRG) Fuel	133,400
Air Conditioning Repair Parts	12,000
Building / Grounds Maintenance	14,000
Diesel Fuel	12,298
Electrical / Instrument	20,400
Gasoline	66,072
Herbicides / Insecticides	3,500
Lab Test Equip & Supplies	52,500
Mechanical, Plumbing, Valves, etc.	12,000
Miscellaneous Supplies	118,100
Office / Administrative	29,000
Oils and Lubricants	27,400
Power Tools, Hand Tools & Equip.	200,500
Variable Frequency Drive Repair Parts	96,000
Welding Equip & Supplies	3,000
Personal Protective Equipment	30,000
	<u>7,820,295</u>

DISTRIBUTION SYSTEM

Air Conditioning Repair Parts	1,200
Building / Grounds Maintenance	5,400
Channel Light System	7,200
Electrical / Instrument	2,400
Herbicides / Insecticides	10,500
Mechanical, Plumbing, Valves, etc.	31,000
Miscellaneous Supplies	12,580
Office / Administrative	1,250
Oils and Lubricants	1,200
Power Tools, Hand Tools & Equip.	9,000
Road Base, Sand, Rock, Rip Rap, etc.	10,000
	<u>91,730</u>

BAYPORT RESERVOIR

Building / Grounds Maintenance	1,800
Electrical / Instrument	600
Herbicides / Insecticides	1,000
Mechanical, Plumbing, Valves, etc.	720
Miscellaneous Supplies	1,000
Office / Administrative	3,000
Road Base, Sand, Rock, Rip Rap, etc.	2,000
	<u>10,120</u>

Total \$8,454,145

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
ANALYSIS OF CONTRACT LABOR AND EQUIPMENT BY LOCATION
2024 ANNUAL BUDGET

LOCATION AND DESCRIPTION

TRINITY RIVER PUMP STATION

Reliability Contract (NRG - Service Fee)	850,000
Contract Labor (Welders, Divers, Tech Spt, etc.)	2,400
Equipment Rental Services	12,000
Major Motor Repair, 1 each	303,600
Major Pump Repair, 1 each	363,600
4KV Remote Racking	72,606
4KV Breaker/Contractor Refurbish	40,000
Training: Safety (1st Aid, CPR, AED, CSE, etc.)	13,000
Training: RMP, Hazwop, Dam, AirPk, etc.	2,000
Replace Intake Screens (TRP Intake)	54,000
Annual Service Contracts:	
Crane/Hoist Test/Certification	480
Pest Control Service	560
Substation, Relay Testing	48,000
Uniform Service	3,000
Generator Load Testing	1,100
Asset Management Software	2,600
GPS Asset Tracking Units	340
Purchase Equipment:	
Portable Light Plant	1,000
45kw Mobil Generator	6,000
	<u>1,776,286</u>

MAINTENANCE STATION

Security: Fencing Repairs/Replacement	12,000
Security: Contract Guards	180,000
Training Safety (1st Aid, CPR, AED, CSE, etc.)	13,000
Training: RMP, Hazwop, Dam, AirPk, etc.	2,000
CMS Property Purchase	100,000
Annual Service Contracts:	
Crane/Hoist Test/Certification	480
Janitorial Service	3,500
Pest Control Service	560
Uniform Service	8,500
Generator Load Testing	990
Asset Management Software	2,600
GPS Asset Tracking Units	5,740
Purchase Equipment:	
Portable Light Plant	1,000
45kw Mobil Generator	6,000
Security Cameras Purchase and Installation	50,000
	<u>386,370</u>

MAIN CANAL

Replace Screens	100,000
Annual Service Contracts:	
USGS-Water Level Meters	16,300
Asset Management Software	1,690
Purchase Equipment:	
Portable Light Plant	1,000
JD 6120M Tractor (CMS)	62,500
15 ft Batwing Mower (CMS)	14,000
45kw Mobil Generator	3,000
	<u>198,490</u>

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
ANALYSIS OF CONTRACT LABOR AND EQUIPMENT BY LOCATION
2024 ANNUAL BUDGET

LOCATION AND DESCRIPTION

CEDAR POINT LATERAL

Annual Service Contracts:	
Asset Management Software	1,690
Purchase Equipment:	
Portable Light Plant	1,000
JD 6120M Tractor (CMS)	62,500
15 ft Batwing Mower (CMS)	14,000
45kw Mobil Generator	2,000
	<u>81,190</u>

LYNCHBURG RESERVOIR

Security: Fencing Repairs/Replacement	152,800
Annual Service Contracts:	
Asset Management Software	1,690
Purchase Equipment:	
Portable Light Plant	1,000
JD 6120M Tractor (CMS)	15,000
15 ft Batwing Mower (CMS)	8,500
	<u>178,990</u>

LYNCHBURG PUMP STATION

Reliability Contract (NRG - Service Fee)	1,250,000
Contract Labor (Welders, Divers, Tech Spt, etc)	2,400
Major Motor Repair, 1 each	258,000
Major Pump Repair, 1 each	363,600
Pump 201 Carryover	100,000
Pump 106	300,000
Motor 107	350,000
Pump 107	300,000
4KV Remote Racking	51,024
4KV Breaker/Contractor Refurbish	140,000
Automatic Single Motor Insulation Testers	8,000
LPS Basement Crane Upgrade	116,094
LPS Drive House AC Replacement	285,120
Upgrade Drive House Relays	64,045
Replace Bent Pump Deck Grating	46,000
Security: Fencing Repairs/Replacement	12,000
Security: Contract Guards	275,000
Training: Safety (1st Aid, CPR, AED, CSE, etc.)	16,000
Training: RMP, Hazwop, Dam, AirPk, etc.	14,000
Annual Service Contracts:	
Cameral Flood Wall Drain Pipe Inspection	1,200
Crane/Hoist Test/Certification	2,500
SCADA: HSQ/Eurotherm Svc/Tech Support	40,000
Janitorial Service	8,400
Pest Control Service	1,430
MSDS ONLINE	4,005
Substation, Relay Testing	54,000
Uniform Service	15,000
VFD Component Repair	96,000
VFD Control System Maint	36,000
Generator Load Testing	1,320
Hach SL-1000 Service	1,800
Asset Management Software	3,640
GPS Assett Tracking Units	1,420
Purchase Equipment:	
Portable Light Plant	2,000
Security Cameras Purchase and Installation	53,900
Powered Air Respirators	13,700
	<u>4,287,598</u>

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
ANALYSIS OF CONTRACT LABOR AND EQUIPMENT BY LOCATION
2024 ANNUAL BUDGET

<u>LOCATION AND DESCRIPTION</u>	
DISTRIBUTION SYSTEM	
Contract Labor (Welders, Divers, Tech Spt, etc)	50,000
Equipment Rental Services	10,000
Security: Fencing Repairs/Replacement	12,000
Blast and Paint B-line Air-Vacs & Manways	200,000
Annual Service Contracts:	
Crane/Hoist Test/Certification	480
Generator Load Testing	1,210
Asset Management Software	3,640
Purchase Equipment:	
Portable Light Plant	1,000
45kw Mobil Generator	2,000
JD 1565 Front Deck Mower (72 inch)	12,500
	<u>292,830</u>
BAYPORT RESERVOIR	
BP Reservoir Drain Valve Repair	20,000
Annual Service Contracts:	
Asset Management Software	390
Purchase Equipment:	
Portable Light Plant	2,000
15 ft Batwing Mower (BPS/LH)	4,000
	<u>26,390</u>
Total	<u>\$7,228,144</u>

COASTAL WATER AUTHORITY
TRINITY RIVER WATER CONVEYANCE PROJECT FUNDS
ANALYSIS OF UTILITIES BY LOCATION
2024 ANNUAL BUDGET

LOCATION	ELECTRICITY				TOTAL
	KW HOURS	AVG. RATE HOUR (1)	AMOUNT	ALL OTHER (2)	
Trinity River Pump Station	44,800,000	\$0.0600	\$2,688,000	\$10,000	\$2,698,000
Maintenance Station	500,000	0.0850	42,500	15,000	57,500
Cedar Point Lateral	10,000	0.1285 (3)	1,285	1,000	2,285
Lynchburg Pump Station	95,638,000	0.0500	4,781,900	60,000	4,841,900
Distribution System	100,000	0.1200 (3)	12,000	0	12,000
	<u>141,048,000</u>	<u>\$0.0534</u>	<u>\$7,525,685</u>	<u>\$86,000</u>	<u>\$7,611,685</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
2024 ANNUAL BUDGET

	<u>(1)</u>	<u>(2)</u>	<u>TOTAL</u>
Bond Interest Expense	\$534,750	\$1,255,000	\$1,789,750
Bond Principal Retirement	3,480,000	1,255,000	4,735,000
Total Debt Service	<u>\$4,014,750</u>	<u>\$2,510,000</u>	<u>\$6,524,750</u>

- (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