

## **FY 2013 Budget Summary**

The FY 2013 budget projected revenues include a rate increase of \$2.39 per month, or approximately 60 cents per week, for average residential customers for both water and sewer service. This assumes usage of 6,800 gallons of water and 4,800 gallons of sewer service. A customer with water service only will experience an average increase of \$1.08 per month, or \$0.27 per week. A residential water and wastewater customer utilizing 2,000 gallons of water per month will have an increase in their weekly billing amount of \$0.29, and large users of 10,000 gallons will have an increase of \$1.03 per week. A very large average commercial account will have an increase of \$17.23 per month, or \$4.31 per week. There will not be an increase in our sanitation rates, and there will be a decrease in the monthly fuel surcharge for our sanitation customers.

The total increase in operating expenses from the current fiscal year is 6.44% for water and wastewater, and a reduction of 5.14% for sanitation. The savings realized through the reduced expenditures in the sanitation system will allow us to pay the debt service on the recently purchased compressed natural gas (CNG) fleet and provide expanded services to our customers, including enhanced yard waste and bulky waste services. The Escambia County Solid Waste Department will be enacting another 3.5% rate increase at both the Perdido Landfill and the County Transfer Station in FY 2013. However, due to the savings from the conversion to CNG fuel, the Sanitation Department will not require a corresponding rate increase for FY 2013 to offset the increase in disposal expenses at the county facilities.

An allocation of \$50,000 is included in the budget document to fund a required Management Audit by an independent consulting firm. The ECUA's enabling legislation currently requires this document to be prepared every three years.

The operating budget expenditures include the 3% funding (\$865,000) for a potential increase in our contribution to the Florida Retirement System (FRS) rate related to a court case currently being considered. If the court system decides in favor of the employees and eliminates the employee contribution amount to the FRS, these funds will be used to pay the increase in the employers' contribution. If the court system decides in favor of the FRS, I recommend the funds be utilized for performance-based merit increases for the employees. The net result in either scenario will be a compensation increase for our employees.

The Human Resources Department budget includes an additional \$30,000 for Third-Party Adjuster Services of our risk management claims. Adding these adjuster services will improve response time and provide an additional mechanism for responding to major ratepayer emergencies on a 365-day/7-day/24-hour schedule. State-certified

adjusters provide the expertise and independent assessment crucial to generating customer confidence in the ECUA's response, while containing claim costs.

We also have \$23,420 included for professional development. In the next five to seven years, we projected approximately 60% of ECUA's management will retire, which includes four directors and 14 managers, superintendents or supervisors. A recent Human Resources Gap Analysis revealed there is insufficient cross-functional knowledge and talent ready to step up and fill the potential loss of leadership. When the employees are selected to fill future positions of leadership, it is vital they understand what is expected of them. This funding will ensure the needed development in the area of diversity training, out-sourced regulatory training by subject-matter experts, safety training and other selected areas of concern.

The expenses in utility operations work units are increasing because of the expansion of the ECUA facilities including the regional lift stations and the very specialized equipment we utilize. The expected costs of grounds maintenance are increased by \$24,000 because of the additional buildings and properties. There is expected maintenance costs associated with the three regional lift stations that were not a factor in previous years. The valve units, scrubbers for odor control, specialized tools and equipment that are required, and general materials and supplies have an increased cost of \$129,379 for next year.

Also included is funding for an increase in health insurance premiums which is estimated at 9.5% or, \$549,000. Negotiations between ECUA and our health insurance carrier are imminent. With limited actuarial experience data, we have only preliminary estimates for this expense at this time. The ECUA's goal is to continue providing a fair and competitive benefits package to our employees. We employ a cost-containment strategy which anticipates new fiscal year costs based upon utilization, claims history, and market trends. In the situation where actual renewals exceed projections, the ECUA considers measures to reduce cost impact through implementation of health plan changes, continuing to offer a consumer-directed plan, and increasing cost-sharing for higher-cost plan options. We are continuing to promote and expand our wellness initiatives which include an allocation of \$22,000 for a Healthy Choices Reimbursement Program for employees. This funding source is provided by Florida Blue Cross/Blue Shield and must be spent on our Healthy Choice initiative.

For the water and wastewater systems, the operating budget expenditures include funding for a new in-house water valve preventive maintenance and repair program in lieu of the utilization of private contractors for the work. This will include two maintenance persons and the appropriate equipment, and will carry a first-year program cost of \$125,714. These first-year costs include one-time expenses for the purchase of equipment for startup of the in-house program. We currently have approximately 22,000 water valves in our system, and they must be exercised and maintained in order to keep our potable water transmission system intact. This has

proven to be an overwhelming task which must be completed. The utilization of a private contractor has proven to be counterproductive and much more expensive than the proposed in-house program.

We have also included funding for an additional computer systems technician and part-time student intern for the Information Technology (IT) Department. The additional staff in IT will provide the needed manpower and computer programming expertise to address the organizational needs, and the annual audit comment about insufficient staffing in the IT Department to effectively complete the required separation of duties for better internal controls.

There is also funding in the Regional Services Department for a new two-man crew with the necessary equipment to address the considerable problem we are facing with the required maintenance of the air release valves (ARVs) in our wastewater collection system. These are high-maintenance mechanical pieces of equipment that are essential to the operation of our wastewater transmission system. It is imperative that these devices be in proper functioning order at all times to abate odors, prevent gas build-up in the underground pipes, and prevent a condition known as “water hammer”. Failure or clogging of these devices without the necessary repairs could result in a catastrophic failure in the major trunk transmission line to the CWRF. The Main Street WWTP replacement project, which included the construction of the new transmission main and CWRF, also included the installation of 70 new ARVs. Maintenance of this equipment has proven to be an operational task beyond the capabilities we have with our current staff.

There is \$215,000 included in the budget for the replacement of a significant number of our large, commercial water meters. Parts are no longer available for the old meters, thereby requiring a complete replacement when meters fail. We will be incrementally installing the new, remote-read type of commercial meters which are state-of-the art. The automated-read capability will reduce the man hours required to obtain consumption data for billing purposes.

We are also facing increased costs of maintenance with the new CWRF and Regional Lift Station equipment. We have avoided many costly maintenance items since the project completion because of the warranty specifications requiring the contractors and manufacturers to be responsible for any repairs. These warranties will expire during the upcoming budget year, which means the ECUA will be responsible for these expenses. We have included estimated repair costs for the dryers, filters, motors, etc. The amount included in the budget is \$850,000. All of these repairs must be made in order to keep our plants and facilities in proper operating condition. Some of the anticipated expenses are as follows:

- \$25,000 – Repair of roto-screens and drum thickener at the Bayou Marcus WRF

- \$165,000 – Rebuild tertiary filters (gear drives, sockets, etc. required annually because of continuous duty)
- \$200,000 – Repair dryers (Parts hardening, motors, off-gas system, grease/lubrication and feed pump repairs)
- \$20,000 – Repair corroded equipment (corrosive environment for any material)
- \$75,000 – Regional lift station repairs (miscellaneous normal repairs of in-plant pumps, VFDs, lightning protection, air conditioner maintenance, etc.)

The area where we are finding the biggest cost escalation for the upcoming year is in the purchase of electrical energy from Gulf Power to operate all of our plants and appurtenances. Electrical energy costs are expected to escalate approximately \$400,000, or 5.44% based upon increased consumption at the CWRf and regional lift stations. Our conversations with Gulf Power representatives indicate a 2.0% rate hike is expected. We have also experienced escalation in the cost of required chemicals which are up \$380,000, or 13% over 2012.

There is an increase of \$50,000 illustrated for the purchase of water on Pensacola Beach. This is simply an accounting entry which has an offsetting revenue source, so the line item increase should not be an area of concern.

We have included increases in vehicle fuel costs based upon expectations for the upcoming year. Costs are low at this point, but are not expected to continue and will most likely escalate after the national election. The use of CNG will help in our sanitation operations, but diesel and gasoline are still the primary fuels for the vehicles in our water and wastewater operations.

The FRS made some significant changes in their Deferred Retirement Option Program (DROP) which has contributed to a significant amount of employee turnover. The continuing result is a loss of institutional knowledge gained through empirical methods, but has also allowed us to reap significant savings by hiring replacements at a lower rate of pay. This phenomenon is expected to continue for the next few years. In FY 2011, we experienced a collective loss of 442 years of experience and institutional knowledge with the employees who retired, and over the past five years we have experienced a 28.5% increase in the number of employees retiring from the ECUA.

For the sanitation system, items that reflect increases in cost over the current budget include funding for the FRS issue or merit increase, and other contractual services, but the overall decrease in total operating expenditures reflects the impact of using CNG as our primary fuel source. The new vehicles will use a similar amount of fuel, but the substantial reduction in fuel costs will have a major impact on the budget. We also expect a reduction in maintenance costs because of the cleaner burning fuel and the

reduced engine and filter maintenance. The EPA emissions requirements for standard diesel engines were overarching and very expensive. Many of these expenses will be avoided with CNG. While the monthly residential sanitation rate will remain unchanged, residential sanitation customers will see a reduction in the monthly fuel surcharge of approximately \$1 due to the conversion to CNG to fuel sanitation vehicles. Sanitation is also proposing a reduction in residential and commercial roll-off container rates due to the conversion to CNG.

The Project Contingencies rollover amount at the end of FY 2011 was greater than anticipated. Water system revenues were also higher than anticipated and we made a concerted effort to keep operating expenses as low as possible through the current fiscal year because of the anticipated FY 2013 expenses associated with the Sanitary Sewer Overflow/Inflow and Infiltration (SSO/I&I) program and FDEP Consent Order (CO). The ending balance for FY 2010 was \$5.5 million, and for FY 2011 it was \$12.6 million. The amount is expected to be similar for FY 2012, so these funds have been rolled into the FY 2013 budget projections which helped keep the necessary rate increase lower than originally anticipated.

The FY 2013 budget includes a significant Capital Improvement Program (CIP) in the sum of \$32,966,000. The staff spent many hours discussing and prioritizing the recommended list of system needs. It includes a large increase in funding for the SSO/I&I Program (\$7,000,000) in response to the FDEP Consent Order (CO) which the ECUA Board approved in May 2012. This will be the first year of a 16-year program that we have established to make the system reparations required in the CO. This budget anticipates the issuance of debt either through the State Revolving Fund (SRF) Loan Program, bank loans or bonds to fund most of the CIP projects. Cash funding in the approximate sum of \$12 million is included in the budget to pay a portion of the expenses in order to keep the required rate increase to a minimum. A debt issuance of approximately \$21 million will be required to complete the balance of the recommended CIP.

The debt service coverage (DSC) for the water and wastewater systems is projected at 1.15% for all of our debt, and 1.40% for the parity debt (DSC is lower for the SRF funds than for bank loans and the bonds). The DSC for the sanitation system is 4.56%.

In summary, water and wastewater rates will require an increase of \$2.39 per month for an average residential customer, which is primarily due to increased electrical and fuel costs, health care costs and increased cost of chemicals. Monthly sanitation rates will not increase and the sanitation fuel surcharge will be decreased by approximately \$1 per month, due to the conversion to CNG fuel. Therefore, an average ECUA water/wastewater customer who also receives ECUA sanitation service will see a net monthly increase of only \$1.39 per month, or \$0.35 per week. A water service only customer who utilizes our solid waste collection service will see a net increase of \$0.08 per month, or \$0.02 per week.

The FY 2013 budget provides an aggressive CIP approach targeting system repairs and the SSO/I&I Consent Order requirements. The daily maintenance and repair costs of the water and wastewater systems are increasing because of increased costs of materials and supplies, and the expiring warranties on the equipment and buildings associated with the Main Street WWTP replacement project. The staff made a concerted effort to be frugal with expenditures, which helped tremendously in the FY 2013 water and wastewater budget preparations.

We were able to avoid a rate increase in the FY 2013 sanitation budget while planning to increase services to our customers, primarily because of the fuel cost savings resulting from the utilization of CNG as our primary fuel source. Escambia County is again raising their disposal costs at the Perdido Landfill and their attendant fees at their transfer station. Despite the impact of these cost escalations, our innovative methods have enabled the ECUA to avoid a sanitation rate increase, expand service levels and reduce the fuel surcharge fee.

# **ECUA BUDGET**

## **WATER & WASTEWATER SYSTEMS**

**FY 2013**

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EMERALD COAST UTILITIES AUTHORITY  
WATER & WASTEWATER SYSTEMS  
PROPOSED SOURCES & USES  
FISCAL YEAR 2013

SOURCES:

MONTHLY SERVICE CHARGES :

WATER	\$39,658,934
WASTEWATER	45,256,090
TOTAL MONTHLY SERVICE CHARGES	<u>84,915,024</u>

CONNECTION CHARGES	270,000	
MISCELLANEOUS	1,250,000	
SEWER IMPROVEMENT FEE	6,250,000	
TOTAL OPERATING REVENUES		92,685,024

INTEREST INCOME		350,000
IMPACT FEES		<u>1,250,000</u>

TOTAL REVENUES		94,285,024
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BEGINNING BALANCES :

UNRESTRICTED RESERVES		3,500,000
BOND FUNDS		20,000,000
PROJECT CONTINGENCIES (WORKING CAPITAL)		<u>13,306,447</u>

TOTAL SOURCES		<u><u>131,091,471</u></u>
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USES:

PERSONAL SERVICES	30,442,758	
SUPPORT SERVICES	18,216,620	
MATERIALS & SUPPLIES	7,211,385	
SEPTIC TANK ABATEMENT PROGRAM	160,000	
OPERATING CONTINGENCY	300,000	
INDIRECT OVERHEAD ALLOCATION	<u>(454,320)</u>	
TOTAL OPERATING EXPENSES		55,876,443

DEBT SERVICE (PARITY DEBT)		25,125,130
DEBT SERVICE FOR NEW BORROWING		1,575,000
DEBT SERVICE FOR SRF LOANS		5,607,685

CIP PROJECTS	6,466,000	
R & R PROJECTS	6,500,000	
BOND FUND PROJECTS	20,000,000	
AMR PROGRAM ANNUAL LOAN PAYMENT	<u>1,163,355</u>	

TOTAL OTHERS		34,129,355
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ENDING BALANCES :

UNRESTRICTED RESERVES		3,500,000
PROJECT CONTINGENCIES (WORKING CAPITAL)		<u>5,277,858</u>

TOTAL USES		<u><u>\$131,091,471</u></u>
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DEBT SERVICE COVERAGE (PARITY DEBT)		<u>1.40</u>
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DEBT SERVICE COVERAGE (ALL DEBT)		<u>1.15</u>
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**EMERALD COAST UTILITIES AUTHORITY  
WATER & WASTEWATER SYSTEMS**

	ACTUAL FY 2011	CURRENT BUDGET FY 2012	PROPOSED FY 2013	INCREASE (DECREASE)	BUDGET % INCREASE
ECUA BOARD	261,467	258,117	302,242	44,125	17.09%
OFFICE OF THE EXECUTIVE DIRECTOR	835,023	692,284	723,993	31,709	4.58%
FINANCE	2,587,905	2,899,864	2,904,596	4,732	0.16%
INFORMATION TECHNOLOGY	802,876	1,183,265	1,303,834	120,569	10.19%
HUMAN RESOURCES & ADMIN SERVICES	2,918,393	3,303,669	3,401,803	98,134	2.97%
ENGINEERING	2,460,121	2,416,408	2,428,995	12,587	0.52%
SHARED SERVICES	284,770	289,174	318,136	28,962	10.02%
REGIONAL SERVICES	8,270,634	8,320,171	9,010,750	690,579	8.30%
CUSTOMER SERVICES	1,803,584	2,046,181	2,065,751	19,570	0.96%
UTILITY OPERATIONS	8,172,840	11,011,344	12,124,269	1,112,925	10.11%
WATER PRODUCTION	6,892,990	7,876,338	8,313,642	437,304	5.55%
WATER RECLAMATION	10,755,298	10,908,346	10,919,200	10,854	0.10%
COMMUNICATIONS & GOVERNMENTAL AFFAIRS	387,105	448,676	477,152	28,476	6.35%
OTHER EXPENSES- SEPTIC TANK ABATEMENT, BAD DEBT, PAYING AGENT FEES, PROGRESSIONS	1,539,607	1,036,400	1,036,400	0	0.00%
OVERHEAD ALLOCATIONS	(273,084)	(443,253)	(454,320)	(11,067)	2.50%
FUNDING FOR FLORIDA RETIREMENT SYSTEM RATE ADJUSTMENT OR MERIT INCREASE	0	0	700,000	700,000	
OPERATING CONTINGENCY	0	250,000	300,000	50,000	20.00%
<b>TOTAL OPERATING EXPENSES</b>	<b>47,699,529</b>	<b>52,496,984</b>	<b>55,876,443</b>	<b>3,379,459</b>	<b>6.44%</b>

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE	EXPLANATION OF CHANGE
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>ECUA BOARD</b>					
BOARD MEMBERS SALARIES	164,531	164,126	196,750	32,624	
BOARD MEMBERS ALLOWANCE	12,000	12,000	12,000	-	
SOCIAL SECURITY	15,182	13,474	15,510	2,036	
ECUA PENSION	5,365	5,252	6,296	1,044	
STATE PENSION	16,831	10,970	12,077	1,107	
LIFE & HEALTH INSURANCE	45,203	43,095	50,409	7,314	
<b>PERSONAL SERVICES</b>	<b>259,112</b>	<b>248,917</b>	<b>293,042</b>	<b>44,125</b>	
COMMITTEE MEMBER COMP	2,250	6,000	6,000	-	
TRAVEL AND PER DIEM	-	2,000	2,000	-	
PROFESSIONAL DEV	105	1,000	1,000	-	
<b>SUPPORT SERVICES</b>	<b>2,355</b>	<b>9,000</b>	<b>9,000</b>	<b>-</b>	
DUES & SUBSCRIPTIONS	-	200	200	-	
<b>MATERIALS &amp; SUPPLIES</b>	<b>-</b>	<b>200</b>	<b>200</b>	<b>-</b>	
<b>DEPARTMENT TOTAL</b>	<b>261,467</b>	<b>258,117</b>	<b>302,242</b>	<b>44,125</b>	

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE	EXPLANATION OF CHANGE
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>OFFICE OF EXECUTIVE DIRECTOR</b>					
REGULAR SALARIES	286,265	298,903	303,256	4,353	
SOCIAL SECURITY	17,391	18,418	17,752	(666)	
STATE PENSION	30,251	16,550	17,245	695	
LIFE & HEALTH INSURANCE	19,825	24,163	26,990	2,827	
<b>PERSONAL SERVICES</b>	<b>353,732</b>	<b>358,034</b>	<b>365,243</b>	<b>7,209</b>	
LEGAL FEES	434,916	250,000	250,000	-	
PROFESSIONAL SERVICES	-	25,000	50,000	25,000	Required management audit.
TRAVEL AND PER DIEM	1,641	2,500	2,500	-	
RENTAL AND LEASES	12,934	15,000	8,500	(6,500)	
REP & MAINT - EQUIP & VEHICLES	645	3,000	1,500	(1,500)	
COMMUNITY RELATIONS	6,711	7,000	12,000	5,000	Vision 2015 Program.
CLASSIFIED ADVERTISING	-	500	500	-	
OTHER CURRENT CHARGES	-	2,000	2,000	-	
PROFESSIONAL DEV	1,277	1,500	1,500	-	
<b>SUPPORT SERVICES</b>	<b>458,124</b>	<b>306,500</b>	<b>328,500</b>	<b>22,000</b>	
POSTAGE	73	150	150	-	
PRINTING & BINDING	-	300	300	-	
OFFICE SUPPLIES	1,847	3,000	3,000	-	
GAS, OIL & LUBRICANTS	1,709	1,550	1,550	-	
MINOR SOFTWARE	-	250	250	-	
DUES & SUBSCRIPTIONS	19,538	22,500	25,000	2,500	
<b>MATERIALS &amp; SUPPLIES</b>	<b>23,167</b>	<b>27,750</b>	<b>30,250</b>	<b>2,500</b>	
<b>DEPARTMENT TOTAL</b>	<b>835,023</b>	<b>692,284</b>	<b>723,993</b>	<b>31,709</b>	

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE	EXPLANATION OF CHANGE
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>FINANCE</b>					
REGULAR SALARIES	1,241,053	1,374,216	1,363,231	(10,985)	Vacancies filled at entry level.
OTHER SALARIES-STUDENT	11,306	16,120	16,037	(83)	
OVERTIME-MISCELLANEOUS	6,664	4,050	4,250	200	
SOCIAL SECURITY	92,091	107,708	99,943	(7,765)	
STATE PENSION	117,711	68,294	71,326	3,032	
LIFE & HEALTH INSURANCE	233,757	314,149	342,682	28,533	
<b>PERSONAL SERVICES</b>	<b>1,702,582</b>	<b>1,884,537</b>	<b>1,897,469</b>	<b>12,932</b>	
AUDITING AND ACCOUNTING	61,489	75,750	75,750	-	
TEMPORARY SERVICES	52,417	-	-	-	
BANKS E-BOX CUSTOMER PYMT	20,973	22,800	22,800	-	
LOCKBOX SERVICE	23,264	30,000	30,000	-	
OUTSOURCING UTILITY BILLS	68,197	134,220	134,220	-	
OTHER CONTRACTUAL SERVICE	19,252	32,338	32,338	-	
TRAVEL AND PER DIEM	1,463	3,970	4,655	685	
REP&MAINT-EQUIP &VEHICLES	41,068	57,285	42,520	(14,765)	Reduced maint. cost of mail inserter.
CLASSIFIED ADVERTISING	10,337	11,000	11,000	-	
DUMPSTERS	3,064	3,660	3,660	-	
INVENTORY OVER/SHORT	(1,240)	-	-	-	
OTHER CURRENT CHARGES	700	850	850	-	
PROFESSIONAL DEV	1,389	2,840	2,840	-	
<b>SUPPORT SERVICES</b>	<b>302,373</b>	<b>374,713</b>	<b>360,633</b>	<b>(14,080)</b>	
POSTAGE	515,636	605,400	605,400	-	
COMPUTER FORMS	33,540	3,109	3,109	-	
PRINTING & BINDING	2,982	4,460	3,860	(600)	
OFFICE SUPPLIES	12,965	12,700	12,700	-	
CLOTHING SUPPLIES	251	400	1,000	600	
GAS, OIL & LUBRICANTS	13,343	10,960	16,240	5,280	Increased fuel costs.
OPERATING SUPPLIES	1,883	1,800	1,800	-	
MINOR SOFTWARE	924	-	-	-	
PROTECTIVE CLOTHING	149	100	100	-	
BOOKS & PUBLICATIONS	-	100	700	600	
DUES & SUBSCRIPTIONS	1,277	1,585	1,585	-	
<b>MATERIALS AND SUPPLIES</b>	<b>582,950</b>	<b>640,614</b>	<b>646,494</b>	<b>5,880</b>	
<b>DEPARTMENT TOTAL</b>	<b>2,587,905</b>	<b>2,899,864</b>	<b>2,904,596</b>	<b>4,732</b>	

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE	EXPLANATION OF CHANGE
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>INFORMATION TECHNOLOGY</b>					
REGULAR SALARIES	389,930	550,868	603,989	53,121	I.T. Specialist-Audit Recommendation.
OTHER SALARIES-STUDENT	-	-	17,400	17,400	
SHIFT DIFFERENTIAL	-	208	208	-	
OVERTIME-MISCELLANEOUS	290	3,692	3,192	(500)	
SOCIAL SECURITY	27,025	42,648	44,037	1,389	
STATE PENSION	35,945	26,698	34,856	8,158	
LIFE & HEALTH INSURANCE	60,328	106,211	133,077	26,866	
<b>PERSONAL SERVICES</b>	513,518	730,325	836,759	106,434	
CONSULTANT SERVICES	4,074	3,000	3,000	-	
OTHER CONTRACTUAL SERVICE	15,508	15,600	15,600	-	
TRAVEL AND PER DIEM	4,641	8,910	6,925	(1,985)	
TELEPHONE	-	45,100	52,800	7,700	New Primary Interface at CWRP.
INTERNET ACCESS	3,762	3,530	3,530	-	
WIRELESS WORKORDER SYSTEM	54	-	600	600	
LEASED LINES	40,894	43,800	45,300	1,500	Network access to Internet.
REP & MAINT - EQUIP & VEHICLES	39,144	56,100	56,100	-	
REP & MAINT - TELEPHONES	-	20,000	20,000	-	
REP & MAINT - SOFTWARE	131,266	196,050	196,850	800	
PROFESSIONAL DEV	6,803	11,000	13,800	2,800	Online training at ECUA versus travel.
<b>SUPPORT SERVICES</b>	246,146	403,090	414,505	11,415	
POSTAGE	56	150	150	-	
COMPUTER FORMS	11,108	12,620	12,620	-	
OFFICE SUPPLIES	846	1,450	1,200	(250)	
GAS, OIL & LUBRICANTS	467	780	600	(180)	
MINOR SOFTWARE	7,453	9,000	10,000	1,000	
OPERATING SUPPLIES	18,442	21,000	21,000	-	
SMALL TOOLS AND EQUIPMENT	3,153	1,550	1,550	-	
BOOKS & PUBLICATIONS	-	600	600	-	
DUES & SUBSCRIPTIONS	1,687	2,700	1,350	(1,350)	
CAPITAL OUTLAY	-	-	3,500	3,500	
<b>MATERIALS &amp; SUPPLIES</b>	43,212	49,850	52,570	2,720	
<b>DEPARTMENT TOTAL</b>	802,876	1,183,265	1,303,834	120,569	

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE	EXPLANATION OF CHANGE
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>HUMAN RESOURCES/ADMIN SERV</b>					
REGULAR SALARIES	607,137	651,274	643,567	(7,707)	
OVERTIME-MISCELLANEOUS	-	1,500	1,500	-	
SOCIAL SECURITY	44,034	50,398	47,077	(3,321)	
STATE PENSION	58,883	33,301	34,383	1,082	
LIFE & HEALTH INSURANCE	98,373	128,545	144,567	16,022	
LONG TERM DISABILITY	97,374	118,800	118,800	-	
FSA ADMINISTRATIVE COST	12,018	15,000	15,000	-	
UNEMPLOYMENT COMPENSATION	71,098	75,000	75,000	-	
WORKERS COMPENSATION	755,092	762,500	762,500	-	
COBRASERVE FEE	4,220	5,500	6,000	500	
<b>PERSONAL SERVICES</b>	<b>1,748,229</b>	<b>1,841,818</b>	<b>1,848,394</b>	<b>6,576</b>	
MEDICAL SERVICES	33,611	55,945	55,945	-	
PROFESSIONAL SERVICES	9,757	23,500	23,500	-	
OTHER CONTRACTUAL SERVICE	76,843	103,000	103,000	-	
INSURANCE PREMIUMS/CLAIMS	979,948	1,169,739	1,199,739	30,000	Third party adjuster services.
TEMPORARY SERVICES	5,782	-	-	-	
TRAVEL AND PER DIEM	5,582	12,250	9,100	(3,150)	
REP&MAINT-EQUIP &VEHICLES	7,530	6,400	7,400	1,000	
EMPLOYEE RELATIONS	23,798	27,000	25,000	(2,000)	
HEALTHY CHOICE REIM PROGRAM	-	-	22,000	22,000	New program for healthy employees.
CLASSIFIED ADVERTISING	2,441	1,500	1,500	-	
EDUCATIONAL REIMBURSEMENT	2,100	15,000	26,000	11,000	Educational assistance for employees.
OTHER CURRENT CHARGES	-	150	150	-	
PROFESSIONAL DEV	3,187	8,850	32,270	23,420	Training-Diversity, supervisor basics, etc.
<b>SUPPORT SERVICES</b>	<b>1,150,579</b>	<b>1,423,334</b>	<b>1,505,604</b>	<b>82,270</b>	
POSTAGE	331	700	700	-	
PRINTING & BINDING	-	6,500	7,500	1,000	
OFFICE SUPPLIES	7,097	7,500	7,500	-	
GAS, OIL & LUBRICANTS	1,116	2,200	2,200	-	

CONTINUED

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE	EXPLANATION OF CHANGE
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>HUMAN RESOURCES/ADMIN SERV</b>					
MINOR SOFTWARE	516	1,000	7,250	6,250	FMLA and benefits tracking software.
OPERATING SUPPLIES	2,074	3,500	3,500	-	
PROTECTIVE CLOTHING	22	250	250	-	
SMALL TOOLS AND EQUIPMENT	280	2,000	2,000	-	
TRAINING SUPPLIES	-	2,000	5,000	3,000	Increased In-house training - Mgmt. audit.
BOOKS & PUBLICATIONS	69	500	500	-	
DUES & SUBSCRIPTIONS	8,080	12,367	11,405	(962)	
<b>MATERIALS &amp; SUPPLIES</b>	19,585	38,517	47,805	9,288	
<b>DEPARTMENT TOTAL</b>	2,918,393	3,303,669	3,401,803	98,134	

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE	EXPLANATION OF CHANGE
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>ENGINEERING</b>					
REGULAR SALARIES	1,653,564	1,639,638	1,649,679	10,041	
OVERTIME-MISCELLANEOUS	5,607	21,500	11,000	(10,500)	
SOCIAL SECURITY	117,439	127,035	118,153	(8,882)	
ECUA PENSION	2,323	2,371	2,371	-	
STATE PENSION	151,478	81,224	86,438	5,214	
LIFE & HEALTH INSURANCE	331,824	380,870	394,894	14,024	
<b>PERSONAL SERVICES</b>	2,262,235	2,252,638	2,262,535	9,897	
PROFESSIONAL SERVICES	21,000	5,000	5,000	-	
OTHER CONTRACTUAL SERVICE	400	2,000	2,000	-	
TEMPORARY SERVICES	34,463	-	-	-	
TRAVEL AND PER DIEM	5,221	7,000	7,300	300	
RENTAL AND LEASES	36,398	51,645	49,335	(2,310)	
REP & MAINT - SOFTWARE	31,779	13,925	13,925	-	
REP&MAINT-EQUIP &VEHICLES	6,298	17,700	17,700	-	
PROFESSIONAL DEV	4,948	7,000	7,500	500	Geographic Info. Systems (GIS) training.
OTHER CURRENT CHARGES	359	1,300	1,300	-	
<b>SUPPORT SERVICES</b>	140,866	105,570	104,060	(1,510)	
POSTAGE	102	300	300	-	
PRINTING & BINDING	(100)	300	300	-	
OFFICE SUPPLIES	4,457	10,350	10,350	-	
CLOTHING SUPPLIES	518	850	800	(50)	
GAS, OIL & LUBRICANTS	29,692	31,000	32,500	1,500	Fuel cost increase.
MINOR SOFTWARE	1,401	2,000	2,000	-	
OPERATING SUPPLIES	13,785	8,000	10,500	2,500	
PROTECTIVE CLOTHING	138	200	200	-	
SMALL TOOLS AND EQUIPMENT	3,685	600	850	250	
BOOKS & PUBLICATIONS	-	100	600	500	
DUES & SUBSCRIPTIONS	3,342	4,500	4,000	(500)	
<b>MATERIALS &amp; SUPPLIES</b>	57,020	58,200	62,400	4,200	
<b>DEPARTMENT TOTAL</b>	2,460,121	2,416,408	2,428,995	12,587	

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE	EXPLANATION OF CHANGE
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>SHARED SERVICES</b>					
REGULAR SALARIES	132,982	187,302	191,351	4,049	
OVERTIME-MISCELLANEOUS	-	250	250	-	
SOCIAL SECURITY	9,242	13,766	13,736	(30)	
STATE PENSION	14,297	8,634	11,258	2,624	
WORKERS COMPENSATION	26,986	-	-	-	
LIFE & HEALTH INSURANCE	11,886	24,672	46,991	22,319	
<b>PERSONAL SERVICES</b>	<b>195,393</b>	<b>234,624</b>	<b>263,586</b>	<b>28,962</b>	
TEMPORARY SERVICES	30,806	-	-	-	
TRAVEL AND PER DIEM	-	450	450	-	
800 PHONE SYSTEM	49,007	42,000	42,000	-	
RENTAL AND LEASES	4,056	4,500	4,500	-	
REP & MAINT-EQUIP & VEHICLES	254	1,450	1,450	-	
PROFESSIONAL DEV	-	200	200	-	
<b>SUPPORT SERVICES</b>	<b>84,123</b>	<b>48,600</b>	<b>48,600</b>	<b>-</b>	
PRINTING & BINDING	38	100	100	-	
OFFICE SUPPLIES	912	800	800	-	
GAS, OIL & LUBRICANTS	4,304	4,750	4,750	-	
OPERATING SUPPLIES	-	200	200	-	
DUES & SUBSCRIPTIONS	-	100	100	-	
MATERIALS & SUPPLIES	5,254	5,950	5,950	-	
<b>DEPARTMENT TOTALS</b>	<b>284,770</b>	<b>289,174</b>	<b>318,136</b>	<b>28,962</b>	

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE	EXPLANATION OF CHANGE
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>REGIONAL SERVICES</b>					
REGULAR SALARIES	4,333,480	4,521,918	4,550,867	28,949	Water valve & air release Maint. crews.
SHIFT DIFFERENTIAL	7,317	7,680	7,680	-	
OVERTIME-MISCELLANEOUS	261,479	224,241	232,000	7,759	
OVERTIME-PROGRAMMED	8,630	10,500	10,500	-	
STANDBY	54,601	45,220	46,000	780	
SOCIAL SECURITY	338,061	371,366	350,680	(20,686)	
ECUA PENSION	6,635	6,208	6,208	-	
STATE PENSION	426,813	228,721	250,907	22,186	
LIFE & HEALTH INSURANCE	918,753	1,114,922	1,290,487	175,565	
<b>PERSONAL SERVICES</b>	6,355,769	6,530,776	6,745,329	214,553	
OTHER CONTR SERV-PCB	-	500	500	-	
OTHER CONTRACTUAL SERVICE	163,748	198,000	298,000	100,000	Contractor help for system emergencies.
ROAD PERMITS	-	6,000	6,000	-	
TEMPORARY SERVICES	29,336	37,000	27,000	(10,000)	
TRAVEL AND PER DIEM	-	2,000	2,000	-	
WIRELESS WORKORDER SYSTEM	270		22,000	22,000	Wireless, paperless workorder system.
RENTAL AND LEASES	20,365	14,700	14,700	-	
R&M-OTHER-PCB	-	500	500	-	
REP & MAINT - OTHER	3,968	2,250	2,250	-	
REP&MAINT-EQUIP &VEHICLES	178,630	183,900	183,900	-	
DUMPSTERS	30,981	28,000	28,000	-	
OTHER CUR CGS PCB	2,651	2,800	2,800	-	
OTHER CURRENT CHARGES	3,556	3,100	3,100	-	
PROFESSIONAL DEV	1,552	13,000	18,000	5,000	
TIPPING FEES	11,294	15,000	15,000	-	
<b>SUPPORT SERVICES</b>	446,351	506,750	623,750	117,000	
POSTAGE	197	150	150	-	
COMPUTER FORMS	-	1,000	1,000	-	
PRINTING & BINDING	894	1,000	1,000	-	
OFFICE SUPPLIES	3,835	4,500	4,500	-	
CLOTHING SUPPLIES	9,664	18,000	18,321	321	
FIRE HYDRANTS	67,547	52,000	52,000	-	

CONTINUED

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE OF CHANGE	EXPLANATION
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>REGIONAL SERVICES</b>					
GAS, OIL & LUBRICANTS	369,918	321,495	335,000	13,505	
MANHOLE SUPPLIES	17,698	32,000	32,000	-	
METERS/REPLACEMENT	184,953	185,000	400,000	215,000	Replace failed meters and parts.
MINOR SOFTWARE	-	300	300	-	
NEW SERVICES MATERIALS	103,679	112,500	112,500	-	
OPERATING SUPPLIES	89,728	91,000	91,000	-	
OPERATING SUPPLIES-PCB	18,756	10,000	12,000	2,000	
ECUA T-SHIRT UNIFORMS	(1,676)	-	-	-	
PIPES, FITTINGS & HYDRANTS	449,775	289,000	338,000	49,000	Based on actual usage.
PROTECTIVE CLOTHING	26,191	23,900	26,300	2,400	
SMALL TOOLS AND EQUIPMENT	40,234	40,200	43,000	2,800	
CHEMICAL SUPPLIES	19,349	20,000	20,000	-	
ROAD MATERIALS & SUPPLIES	67,574	80,000	80,000	-	
BOOKS & PUBLICATIONS	-	200	200	-	
DUES & SUBSCRIPTIONS	198	400	400	-	
CAPITAL OUTLAY	-	-	74,000	74,000	
<b>MATERIAL &amp; SUPPLIES</b>	<b>1,468,514</b>	<b>1,282,645</b>	<b>1,641,671</b>	<b>359,026</b>	
<b>DEPARTMENT TOTAL</b>	<b>8,270,634</b>	<b>8,320,171</b>	<b>9,010,750</b>	<b>690,579</b>	

ACCOUNT DESCRIPTION	2011	2012	2013	PROPOSED INCREASE/ DECREASE	EXPLANATION OF CHANGE
	LAST YEARS ACTUAL	ORIGINAL BUDGET	BUDGET		
<b>CUSTOMER SERVICES</b>					
REGULAR SALARIES	1,215,360	1,376,559	1,357,686	(18,873)	Long term employees retired.
OTHER SALARIES-STUDENT	4,786	7,600	7,600	-	
OVERTIME-MISCELLANEOUS	5,557	7,950	14,350	6,400	
SOCIAL SECURITY	88,133	107,889	99,718	(8,171)	
ECUA PENSION	2,717	2,758	-	(2,758)	
STATE PENSION	107,648	65,845	71,421	5,576	
LIFE & HEALTH INSURANCE	299,461	386,890	423,286	36,396	
<b>PERSONAL SERVICES</b>	<b>1,723,662</b>	<b>1,955,491</b>	<b>1,974,061</b>	<b>18,570</b>	
OTHER CONTRACTUAL SERVICE	26,763	29,060	29,060	-	
TRAVEL AND PER DIEM	2,737	5,050	5,050	-	
PROFESSIONAL DEVELOPMENT	1,482	2,750	3,450	700	
REP&MAINT-EQUIP &VEHICLES	3,674	11,900	11,900	-	
OTHER CURRENT CHARGES	(122)	3,500	3,500	-	
<b>SUPPORT SERVICES</b>	<b>34,534</b>	<b>52,260</b>	<b>52,960</b>	<b>700</b>	
POSTAGE	-	250	250	-	
PRINTING & BINDING	9,109	3,180	3,180	-	
OFFICE SUPPLIES	17,412	15,000	15,000	-	
MINOR SOFTWARE	1,590	350	350	-	
OPERATING SUPPLIES	13,473	12,800	13,100	300	
SMALL TOOLS AND EQUIPMENT	5	1,000	1,000	-	
CLOTHING SUPPLIES	-	100	100	-	
GAS, OIL & LUBRICANTS	2,685	3,050	3,050	-	
TRAINING SUPPLIES	-	750	750	-	
PROTECTIVE CLOTHING	546	400	400	-	
BOOKS & PUBLICATIONS	445	700	700	-	
DUES & SUBSCRIPTIONS	123	850	850	-	
<b>MATERIAL &amp; SUPPLIES</b>	<b>45,388</b>	<b>38,430</b>	<b>38,730</b>	<b>300</b>	
<b>DEPARTMENT TOTAL</b>	<b>1,803,584</b>	<b>2,046,181</b>	<b>2,065,751</b>	<b>19,570</b>	

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE OF CHANGE	EXPLANATION
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>UTILITY OPERATIONS</b>					
REGULAR SALARIES	3,119,048	3,380,014	3,309,877	(70,137)	Long term employees retired.
SHIFT DIFFERENTIAL	3,176	-	3,200	3,200	
OVERTIME-MISCELLANEOUS	120,677	236,258	230,665	(5,593)	
OVERTIME-PROGRAMMED	12,098	-	18,090	18,090	
STANDBY	51,792	83,935	83,935	-	
SOCIAL SECURITY	238,897	284,253	263,699	(20,554)	
ECUA PENSION	6,552	6,272	3,360	(2,912)	
STATE PENSION	306,215	179,273	188,570	9,297	
LIFE & HEALTH INSURANCE	621,712	771,657	907,750	136,093	
<b>PERSONAL SERVICES</b>	<b>4,480,167</b>	<b>4,941,662</b>	<b>5,009,146</b>	<b>67,484</b>	
ENGINEERING SERVICES	-	1,000	1,000	-	
OTHER CONTRACTUAL SERVICE	72,901	787,325	797,325	10,000	
GROUNDS MAINTENANCE	82,499	105,000	129,000	24,000	Additional buildings and lift stations.
TEMPORARY SERVICES	21,901	3,000	3,000	-	
TRAVEL AND PER DIEM	854	10,790	14,750	3,960	
TELEPHONE	40,314	750	-	(750)	
RENTAL AND LEASES	39,614	53,500	58,500	5,000	
LIGHTNING DAMAGE	67,426	88,500	88,500	-	
UTILITIES - ELECTRICITY	1,159,162	1,592,586	1,654,703	62,117	Anticipated cost increases.
UTILITIES - WATER	23,252	28,000	28,000	-	
UTILITIES - GAS	4,120	7,500	7,500	-	
REP & MAINT - SAFETY EQUIPMENT	17,120	17,780	18,280	500	
REP & MAINT - OTHER	742,657	1,295,000	1,601,000	306,000	
REP & MAINT - SOFTWARE	927	24,050	36,050	12,000	
REP & MAINT - ODOR CONTROL	29,638	40,000	40,000	-	
REP & MAINT - BAYOU MARCUS	47,730	150,000	175,000	25,000	Repair roto screens and drum thickener.
REP & MAINT - CENTRAL WWTP	102,193	185,000	350,000	165,000	Rebuild Huber tertiary filters.
REP & MAINT - DRYER	42,045	100,000	300,000	200,000	Repair dryer system.
REP & MAINT - PCB	18,238	20,000	40,000	20,000	Repair corroded equipment.
REP & MAINT - REG LIFT STATIONS	19,191	45,000	120,000	75,000	Maintain lift station equipment.
REP & MAINT - EQUIP & VEHICLES	121,430	127,675	131,825	4,150	
REP & MAINT - BUILDINGS	46,816	54,375	54,375	-	
REP & MAINT - GENERATORS	61,320	85,000	85,000	-	
REP & MAINT - TELEPHONES	24,045	-	-	-	
CLASSIFIED ADVERTISING	-	1,000	1,000	-	
OTHER CURRENT CHARGES	3,898	4,115	5,200	1,085	
DUMPSTERS	10,006	11,500	11,500	-	
PROFESSIONAL DEV	3,871	60,200	63,200	3,000	
<b>SUPPORT SERVICES</b>	<b>2,803,168</b>	<b>4,898,646</b>	<b>5,814,708</b>	<b>916,062</b>	

CONTINUED

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE OF CHANGE	EXPLANATION
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>UTILITY OPERATIONS</b>					
POSTAGE	3,039	3,500	3,500	-	
PRINTING & BINDING	489	1,400	1,500	100	
OFFICE SUPPLIES	14,800	20,700	21,700	1,000	
CHEMICALS SUPPLIES	26,295	28,000	30,000	2,000	
CHEMICALS - ALKA - QUIT			450,000	450,000	Change in chemicals used.
CHEMICAL - MAGNESIUM HYDROX	235,647	440,000	-	(440,000)	No longer using this chemical.
CLOTHING SUPPLIES	25,056	29,000	28,000	(1,000)	
GAS, OIL & LUBRICANTS	192,652	156,200	190,200	34,000	Increased fuel costs.
MINOR SOFTWARE	1,661	3,800	3,800	-	
OPERATING SUPPLIES	138,089	108,200	125,200	17,000	
PAINT & SUPPLIES	10,564	15,850	10,850	(5,000)	
PROTECTIVE CLOTHING	22,711	21,700	25,550	3,850	
MONITORING GASES	180	1,000	1,000	-	
ODOR CONTROL CHEM GENERAL	47,056	200,000	250,000	50,000	Cost increases valve-units and scrubber.
PIPES, FITTINGS & HYDRANTS	63,890	62,136	63,000	864	
LANDSCAPING SUPPLIES	-	1,000	1,000		
SMALL TOOLS AND EQUIPMENT	89,751	57,385	73,950	16,565	
GENERATOR FUEL	16,117	15,000	15,000	-	
BOOKS & PUBLICATIONS	755	4,690	4,690	-	
DUES & SUBSCRIPTIONS	753	1,475	1,475	-	
<b>MATERIALS &amp; SUPPLIES</b>	<b>889,505</b>	<b>1,171,036</b>	<b>1,300,415</b>	<b>129,379</b>	
<b>DEPARTMENT TOTAL</b>	<b>8,172,840</b>	<b>11,011,344</b>	<b>12,124,269</b>	<b>1,112,925</b>	

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE OF CHANGE	EXPLANATION
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>WATER PRODUCTION</b>					
REGULAR SALARIES	2,328,356	2,508,465	2,472,963	(35,502)	Long term employees retired.
SHIFT DIFFERENTIAL	15,700	17,000	17,000	-	
OVERTIME-MISCELLANEOUS	11,042	40,576	30,558	(10,018)	
OVERTIME-PROGRAMMED	166,408	130,088	183,088	53,000	
STANDBY	9,132	13,510	13,500	(10)	
SOCIAL SECURITY	185,423	208,628	197,701	(10,927)	
STATE PENSION	234,819	133,392	142,738	9,346	
LIFE & HEALTH INSURANCE	455,518	571,056	636,834	65,778	
<b>PERSONAL SERVICES</b>	<b>3,406,398</b>	<b>3,622,715</b>	<b>3,694,382</b>	<b>71,667</b>	
ENGINEERING SERVICES	1,950	20,000	22,000	2,000	
PROFESSIONAL SERVICES	22,582	25,000	25,000	-	
U.C.M.R. RULE	-	10,000	10,000	-	
STAGE-DIS BYPRODUCT RULE	210	2,000	12,000	10,000	Added five sample sites.
OTHER CONTRACTUAL SERVICE	8,427	25,500	25,500	-	
TEMPORARY SERVICES	49,802	15,000	-	(15,000)	Not using summer help.
RADIONUCLIDES INVESTIGAT	1,432	7,500	3,000	(4,500)	
TRAVEL AND PER DIEM	7,537	16,370	17,370	1,000	
WIRELESS WORKORDER SYSTEM	108	-	1,200	1,200	
ELECTRICITY-WTR PENS BCH	42,530	32,591	33,569	978	
UTILITIES-ELECTRICITY	2,036,718	2,030,000	2,285,000	255,000	Anticipated cost increases.
UTILITIES-GAS	20,366	39,000	39,000	-	
RENTAL AND LEASES	15,300	17,924	23,500	5,576	
R&M - SAFETY EQUIPMENT	-	550	550	-	
R&M GENERATORS	3,249	10,000	10,000	-	
REP & MAINT - BUILDINGS	13,414	25,000	25,000	-	
REP & MAINT - OTHER	116,524	128,058	139,058	11,000	
REP & MAINT - SOFTWARE	38,968	32,098	32,098	-	
REP&MAINT-EQUIP &VEHICLES	36,267	47,540	52,540	5,000	
CLASSIFIED ADVERTISING	540	1,300	1,300	-	
DUMPSTERS	24,895	25,750	25,750	-	
OTHER CUR CGS PCB	2,730	4,000	5,000	1,000	
OTHER CURRENT CHARGES	11,312	15,900	21,700	5,800	
PROFESSIONAL DEV	4,605	18,475	13,250	(5,225)	
<b>SUPPORT SERVICES</b>	<b>2,459,466</b>	<b>2,549,556</b>	<b>2,823,385</b>	<b>273,829</b>	

CONTINUED

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE	EXPLANATION OF CHANGE
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>WATER PRODUCTION</b>					
POSTAGE	777	4,480	1,480	(3,000)	
PRINTING & BINDING	218	2,250	2,250	-	
OFFICE SUPPLIES	11,229	12,200	13,700	1,500	
CHEMICAL - CHLORINE	50,513	55,000	58,000	3,000	
CHEMICAL - LIME	323,190	315,000	350,000	35,000	Anticipated cost increases.
CHEMICAL-GRAN ACT CARBON	112,000	190,000	190,000	-	
CHEMICAL-NITROGEN	1,523	2,100	2,100	-	
CHEMICAL-ORTHOPHOSPHATE	146,412	280,000	280,000	-	
CHEMICAL-POLYPHOSPHATE	1,364	2,000	2,500	500	
CHEMICALS SUPPLIES	35,252	49,000	49,000	-	
CLOTHING SUPPLIES	5,108	10,908	11,250	342	
FLUORIDE CHEMICALS/SUPPLIES	109,946	130,000	135,000	5,000	
GAS, OIL & LUBRICANTS	91,825	100,145	100,145	-	
GENERATOR FUEL	2,440	18,000	18,000	-	
MINOR SOFTWARE	346	3,450	3,950	500	
OPERATING SUPPLIES	102,815	130,724	128,100	(2,624)	
TRAINING SUPPLIES	-	750	750	-	
PROTECTIVE CLOTHING	12,217	14,175	16,175	2,000	
SMALL TOOLS AND EQUIPMENT	16,325	24,500	23,500	(1,000)	
WATER PURCHASES-PENS BCH	-	350,000	400,000	50,000	Actual usage.
ROAD MATERIALS & SUPPLIES	-	500	1,000	500	
BOOKS & PUBLICATIONS	-	2,075	2,075	-	
DUES & SUBSCRIPTIONS	3,626	6,810	6,900	90	
<b>MATERIALS &amp; SUPPLIES</b>	<b>1,027,126</b>	<b>1,704,067</b>	<b>1,795,875</b>	<b>91,808</b>	
<b>DEPARTMENT TOTAL</b>	<b>6,892,990</b>	<b>7,876,338</b>	<b>8,313,642</b>	<b>437,304</b>	

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE OF CHANGE	EXPLANATION
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>WATER RECLAMATION</b>					
REGULAR SALARIES	2,239,154	2,540,635	2,434,124	(106,511)	Long term employees retired.
SHIFT DIFFERENTIAL	43,104	49,000	49,000	-	
OVERTIME-MISCELLANEOUS	49,767	39,000	39,000	-	
OVERTIME-PROGRAMMED	360,145	370,000	395,000	25,000	
SOCIAL SECURITY	197,098	221,654	203,819	(17,835)	
ECUA PENSION	11,236	7,639	7,639	-	
STATE PENSION	238,862	142,788	148,205	5,417	
LIFE & HEALTH INSURANCE	514,043	674,715	740,393	65,678	
<b>PERSONAL SERVICES</b>	<b>3,653,409</b>	<b>4,045,431</b>	<b>4,017,180</b>	<b>(28,251)</b>	
ENGINEERING SERVICES	28,500	23,000	93,000	70,000	Gulf Power/TMDL on Escambia Bay.
PROFESSIONAL SERVICES	31,234	20,000	40,000	20,000	Increased costs of special sampling.
ENVIRONMENTAL MONITORING	-	5,500	5,500	-	
OTHER CONTRACTUAL SERVICE	38,131	157,000	152,000	(5,000)	
SLUDGE REMOVAL	941,796	100,000	200,000	100,000	Contingency for Dryers being down.
TEMPORARY SERVICES	146,598	-	-	-	
TRAVEL AND PER DIEM	657	6,000	6,200	200	
O2 GENERATION	1,135	-	-	-	
TELEPHONE	6,299	6,700	7,000	300	
UV DISINFECTION SYSTEM	555	-	-	-	
UTILITIES-ELEC LIFT STAT	505,171	823,000	723,000	(100,000)	More efficient pumps drives being used.
UTILITIES-ELECTRICITY	3,124,790	2,820,000	3,020,000	200,000	Anticipated rate increases.
UTILITIES-GAS	557,295	1,300,000	720,000	(580,000)	Natural gas price reduction.
UTILITIES - WATER	3,951	6,500	5,000	(1,500)	
O2 GENERATION PRAXAIR INC	238,206	-	-	-	
RENTAL AND LEASES	10,873	13,000	13,000	-	
METHANOL CLEAN-UP	43,740	-	25,000	25,000	
R&M ODOR CONTROL	65	-	-	-	
REP & MAINT - BUILDINGS	641	1,000	1,000	-	
REP & MAINT - OTHER	56,798	145,000	124,000	(21,000)	
REP&MAINT-EQUIP &VEHICLES	47,237	62,000	64,000	2,000	
UV MAINTENANCE	13,726	20,000	20,000	-	
IP PIPELINE & WETLANDS	-	40,000	80,000	40,000	Partner with IP for required Environmental studies in Wetlands.
CLASSIFIED ADVERTISING	-	2,000	2,000	-	
DEP FACILITY FEE	20,250	20,750	20,750	-	
DUMPSTERS	49,195	44,000	58,000	14,000	Septage disposal-new dumpsters.

CONTINUED

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE OF CHANGE	EXPLANATION
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET		
<b>WATER RECLAMATION</b>					
OTHER CURRENT CHARGES	11,275	10,500	10,500	-	
PROFESSIONAL DEV	9,604	5,090	6,945	1,855	
<b>SUPPORT SERVICES</b>	<b>5,887,722</b>	<b>5,631,040</b>	<b>5,396,895</b>	<b>(234,145)</b>	
OFFICE SUPPLIES	468	300	300	-	
CHEMICAL - ALUM	315,026	230,000	310,000	80,000	Based on discharge permit.
CHEMICAL - LIME	69,911	-	-	-	
CHEMICAL - LIQUID OXYGEN	48,086	-	-	-	
CHEMICAL - METHANOL	11,880	20,000	20,000	-	
CHEMICAL - POLYMER	323,924	400,000	500,000	100,000	Increased costs and usage.
CHEMICAL-MAGNESIUM HYDROX	3,241	10,000	-	(10,000)	Different chemicals being used.
CHEMICAL-NITROGEN	1,967	5,000	5,000	-	
CHEMICAL-SODIUM BISULFATE	70,047	140,000	120,000	(20,000)	Cost decrease when purchased in bulk.
SALT	126,801	200,000	220,000	20,000	Anticipated cost increase.
CHEMICALS SUPPLIES	3,917	8,500	13,000	4,500	
GAS, OIL & LUBRICANTS	87,745	52,125	52,125	-	
GENERATOR FUEL	18,518	20,000	20,000	-	
MINOR SOFTWARE	-	4,000	4,000	-	
MONITORING GASES	-	1,000	1,000	-	
OPERATING SUPPLIES	60,805	64,300	66,300	2,000	
PAINT & SUPPLIES	845	2,000	2,000	-	
PIPES, FITTINGS & HYDRANTS	2,493	4,500	4,500	-	
PROTECTIVE CLOTHING	18,225	19,000	19,000	-	
SMALL TOOLS AND EQUIPMENT	19,370	11,500	10,500	(1,000)	
SODIUM HYPOCHLORITE	28,275	36,000	36,000	-	
SODIUM HYDROXIDE	696	1,000	90,000	89,000	Added usage-Disinfection.
BOOKS & PUBLICATIONS	-	1,250	1,250	-	
DUES & SUBSCRIPTIONS	1,927	1,400	10,150	8,750	
<b>MATERIALS &amp; SUPPLIES</b>	<b>1,214,167</b>	<b>1,231,875</b>	<b>1,505,125</b>	<b>273,250</b>	
<b>DEPARTMENT TOTAL</b>	<b>10,755,298</b>	<b>10,908,346</b>	<b>10,919,200</b>	<b>10,854</b>	

ACCOUNT DESCRIPTION	2011	2012	2013	INCREASE/ DECREASE OF CHANGE
	LAST YEARS ACTUAL	ORIGINAL BUDGET	PROPOSED BUDGET	
<b>COMMUNICATIONS &amp; GOVERNMENT AFFAIRS</b>				
REGULAR SALARIES	192,843	214,405	214,405	-
SOCIAL SECURITY	13,606	16,448	15,088	(1,360)
STATE PENSION	20,124	11,869	12,211	342
LIFE & HEALTH INSURANCE	33,362	42,904	47,928	5,024
<b>PERSONAL SERVICES</b>	<b>259,935</b>	<b>285,626</b>	<b>289,632</b>	<b>4,006</b>
PROFESSIONAL SERVICES	-	15,000	35,000	20,000
TEMPORARY SERVICES	14,625	-	-	-
TRAVEL AND PER DIEM	3,751	4,350	4,100	(250)
WIRELESS WORKORDER SYSTEM	60	-	720	660
REP&MAINT-EQUIP &VEHICLES	136	-	-	-
PROFESSIONAL DEV	2,620	3,300	3,800	500
<b>SUPPORT SERVICES</b>	<b>21,192</b>	<b>22,650</b>	<b>43,620</b>	<b>20,970</b>
POSTAGE	16,133	22,000	22,500	500
PRINTING & BINDING	41,273	53,000	53,000	-
GAS, OIL & LUBRICANTS	-	-	3,000	3,000
PUBLIC INFORMATION	46,816	60,000	60,000	-
OFFICE SUPPLIES	678	1,300	1,300	-
HURRICANE SUPPLIES	-	1,000	1,000	-
MINOR SOFTWARE	195	800	800	-
SMALL TOOLS AND EQUIPMENT	-	300	300	-
BOOKS & PUBLICATIONS	-	250	250	-
DUES & SUBSCRIPTIONS	883	1,750	1,750	-
<b>MATERIALS &amp; SUPPLIES</b>	<b>105,978</b>	<b>140,400</b>	<b>143,900</b>	<b>3,500</b>
<b>DEPARTMENT TOTAL</b>	<b>387,105</b>	<b>448,676</b>	<b>477,152</b>	<b>28,476</b>

**WATER & WASTEWATER**

**SYSTEMS**

**CAPITAL**

**IMPROVEMENTS**

**2013**

**EMERALD COAST UTILITIES AUTHORITY  
WATER AND WASTEWATER SYSTEM  
FY 2013  
PROPOSED CIP PROJECTS**

Funds (000)

Page#	Priority #	Project Number	Project Description	Total	
23	1	RS624	Inflow & Infiltration	7,000	7,000
24	2	CS222	CWRF Septage Receiving	1,840	8,840
25	3	RS032	Bayou Marcus Headworks	600	9,440
26	4	RW906	Replace Antiquated Water Lines	2,000	11,440
27	5	RW	Airport North Well	1,200	12,640
28	6	RS235	Sludge Dryer Improvements	550	13,190
29	7	RA	Vehicle R & R Program-Ellyson	1,436	14,626
30	8	RW066	Carriage Hills Ground Storage Tank WRF and Pump Station	1,000	15,626
31	9	RS113I	Manhole Rehabilitation	500	16,126
32	10	RW901T	Well Maintenance & Testing	600	16,726
33	11	RS121	Lift Station Replacement and Upgrades	5,000	21,726
34	12	RS	Trunk Line Inspection	750	22,476
35	13	RS	Old Corry Field Road Force Main Replacement	750	23,226
36	14	RS008R	Pump Repair & Replacement	400	23,626
37	15	RW717	Elevated Tank Maintenance Program	750	24,376
38	16	RS849	Lift Station Codes and Standards Upgrade	750	25,126
39	17	RS728F	Annual Lift Station Mechanical Needs	300	25,426
40	18	CS	Bayou Marcus Nitrogen Analyzer and Carbon addition	140	25,566
41	19	RW920E	Ongoing Water Line Cleaning Program	500	26,066
42	20	RW507P	Water Service Renewal	500	26,566
43	21	RW916Q	Water Treatment Facility Mechanical Needs	500	27,066
44	22	RS928P	Electric Panel Replacement Lift Station	300	27,366
45	23	CA601A	Miscellaneous Paving Projects	500	27,866
46	24	RW067	Water Quality Connection	200	28,066
47	25	CA	INFOR Handheld Devices	200	28,266
48	26	RW401	Creek Crossing Renewals	300	28,566
49	27	RS	PB Dechlorination Canopy	200	28,766
50	28	RW034	Water Treatment Facility Replacement-F & Scott	1,200	29,966
51	29	CS317	Sewer Expansion and Septic Tank Abatement Program	3,000	32,966



**PROJECT DATA SHEET**

PROJECT NO: RS624

**Capital Improvements Program**

Program: Wastewater Collection

Fiscal Years  
2013 - 2017

Project Title: Inflow & Infiltration (I&I)

Reduction

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT	8319	7000	7000	7000	8000	10000	47319
TOTAL	8319	7000	7000	7000	8000	10000	47319

ESTIMATED PROJECT COSTS	MAP
Date: 2/28/06	<b>VARIOUS LOCATIONS</b>
ENV. ASSESS	
ENGINEERING 4000000	
SURVEY	
INSPECTION 2000000	
TESTING	
CONSTRUCTION 41319000	
EQUIPMENT	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL \$47,319,000</b>	

**DESCRIPTION:**

This will be a multi-phase, multi-year project to identify, quantify, prioritize, and correct the sources of I&I in the collection system. Work will include the installation of temporary and permanent flow monitors, repair and replacement of the existing sewer lines using various methods, development and calibration of a hydraulic computer model to assist in the prioritization of work to maximize the effectiveness of available funds, and identifying future CIP projects.



# PROJECT DATA SHEET

## Capital Improvements Program

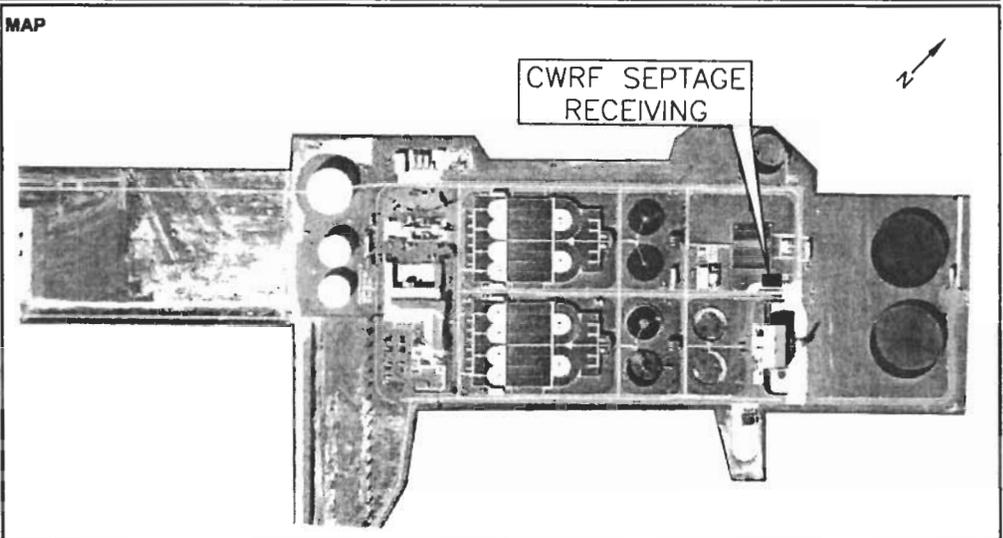
Fiscal Years  
2013 - 2017

PROJECT NO: CS222

Program: Water Reclamation

Project Title: CWRF Septage Receiving

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING		1840					1840
RENEWAL & REPLACEMENT							
TOTAL		1840					1840

ESTIMATED PROJECT COSTS		MAP 
Date:	2/29/12	
ENV. ASSESS		
ENGINEERING	150000	
SURVEY		
INSPECTION		
TESTING		
CONSTRUCTION	690000	
EQUIPMENT	1000000	
MATERIAL		
FURNISHING		
LAND		
MISCELLANEOUS		
INDIRECT		
<b>TOTAL</b>	<b>\$1,840,000</b>	

**DESCRIPTION:**

This project involves the set up of a septage receiving station at the CWRF. The station would consist of two units to receive septage. Site modifications will be necessary for access and connections to existing plant infrastructure including electrical and process stream are required.



# PROJECT DATA SHEET

## Capital Improvements Program

Fiscal Years  
2013 - 2017

PROJECT NO: RS032

Program: Water Reclamation

Project Title: Bayou Marcus Headworks

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT	3000	600					3600
TOTAL	3000	600					3600

ESTIMATED PROJECT COSTS		MAP
Date:	2/18/09	
ENV. ASSESS		
ENGINEERING	225000	
SURVEY	25000	
INSPECTION		
TESTING		
CONSTRUCTION	3350000	
EQUIPMENT		
MATERIAL		
FURNISHING		
LAND		
MISCELLANEOUS		
INDIRECT		
<b>TOTAL</b>	<b>\$3,600,000</b>	

### DESCRIPTION:

The Bayou Marcus Facility does not have any grit removal at this time and it is building up in the bottom of the splitter box and the oxidation ditches as well. A grit removal system would prevent this from occurring. Additionally the existing screening allows for bypasses of screens occasionally which requires frequent dismantling of the pumps and check valves at the plant. This dismantling could cause problems with the performance of the plant if not addressed. The project would provide screening ahead of the master pump station and then grit removal near the location of the current screening complex.



# PROJECT DATA SHEET

PROJECT NO: RW908

## Capital Improvements Program

Program: Water Distribution

Fiscal Years

Project Title: Replace Antiquated Water Lines

2013 - 2017

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT	1531	2000	1000	1000			5531
TOTAL	1531	2000	1000	1000			5531

ESTIMATED PROJECT COSTS	MAP
Date: 1/31/08	<b>VARIOUS LOCATIONS</b>
ENV. ASSESS	
ENGINEERING 500000	
SURVEY	
INSPECTION	
TESTING	
CONSTRUCTION 5031000	
EQUIPMENT	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL \$5,531,000</b>	

**DESCRIPTION:**

ECUA's water system contains many areas where water lines were installed many years ago without proper regard to ultimate demand. Many lines no longer provide the necessary flow or pressure. Customers often experience water quality problems. This program provides for replacement and upgrade of antiquated lines as problem areas are identified, subject to availability of funds.



# PROJECT DATA SHEET

## Capital Improvements Program

Fiscal Years  
2013 - 2017

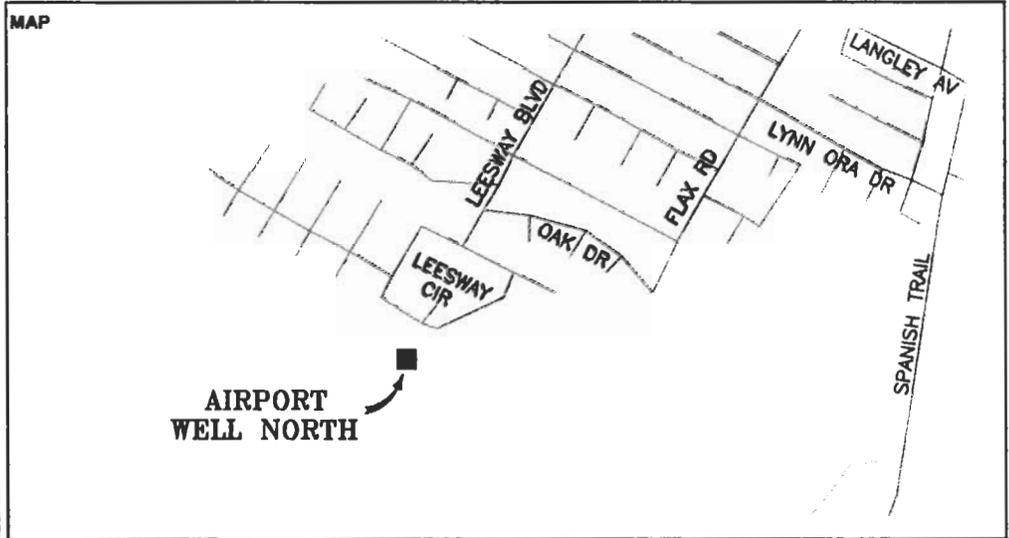
PROJECT NO: RW

Program: Water Production

Project Title: Airport North Well Replacement

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT		1200					1200
TOTAL		1200					1200

ESTIMATED PROJECT COSTS	
Date:	6/06/12
ENV. ASSESS	
ENGINEERING	70000
SURVEY	10000
INSPECTION	25000
TESTING	
CONSTRUCTION	795000
EQUIPMENT	300000
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL</b>	<b>\$1,200,000</b>



**DESCRIPTION:**

Replace existing well house with current design and technology, in order to bring the well site to current standards. Modifications to the existing pump assembly will not be necessary. The current location is adequate requiring only minor site work.



**PROJECT DATA SHEET**

PROJECT NO: RS236

**Capital Improvements Program**

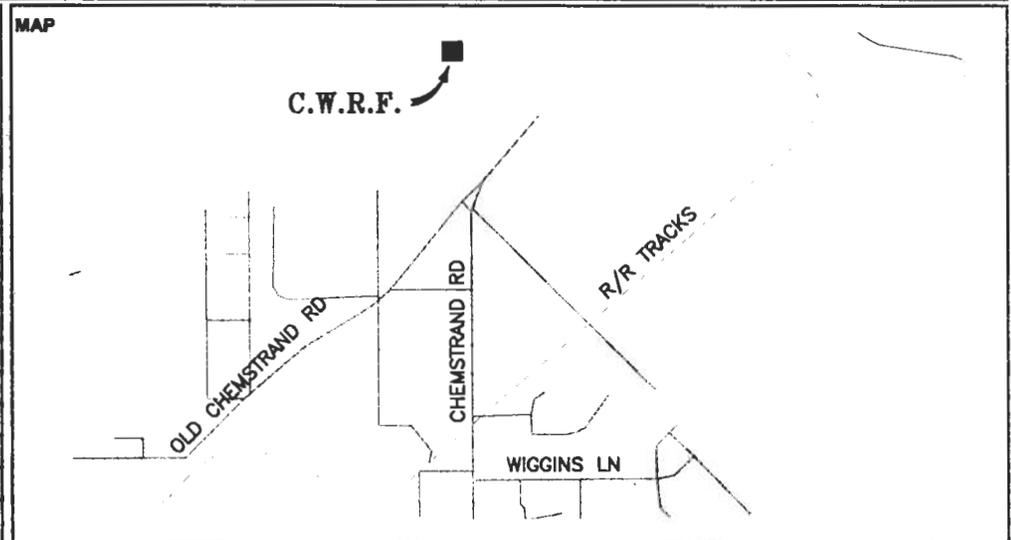
Program: Water Reclamation

Fiscal Years  
**2013 - 2017**

Project Title: Sludge Dryer Improvements

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT		550					550
TOTAL		550					550

ESTIMATED PROJECT COSTS	
Date:	6/24/12
ENV. ASSESS	
ENGINEERING	5000
SURVEY	
INSPECTION	
TESTING	
CONSTRUCTION	455000
EQUIPMENT	80000
MATERIAL	10000
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL</b>	<b>\$550,000</b>



**DESCRIPTION:**

After approximately 18 months of service, the two sludge dryers exhibited significant wear on the agitation paddles and the interior of the pressure vessels (which come into direct contact with the heated sludge). With the assistance of the dryer manufacturer (Komline Sanderson), a plan to repair the dryers and harden the wear components was developed. The manufacturer is providing the bulk of the materials, and ECUA is providing the labor. In addition, the existing 15-ton single beam bridge crane needs to be changed out for a 20-ton double beam bridge crane to have adequate capacity and reach to lift the largest combined pieces of equipment. This crane replacement will eliminate the need to use two truck cranes in conjunction with the 15-ton bridge crane to service and dismantle the dryer and its major components.



# PROJECT DATA SHEET

PROJECT NO: RA  
 Program: General Projects  
 Project Title: Vehicle R&R Program-Ellyson

## Capital Improvements Program

Fiscal Years  
**2013 - 2017**

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT		1436	1508	1508	1508	1508	7468
TOTAL		1436	1508	1508	1508	1508	7468

ESTIMATED PROJECT COSTS	MAP
Date: 2/09/12	N/A
ENV. ASSESS	
ENGINEERING	
SURVEY	
INSPECTION	
TESTING	
CONSTRUCTION	
EQUIPMENT 7468000	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
TOTAL \$7,468,000	

**DESCRIPTION:**

This project provides funding for the renewal and replacement of ECUA fleet vehicles and heavy equipment. An expected life span is assigned to each vehicle when it is purchased, based on the type of service it will provide. This replacement schedule was originally developed as a straight projection of the expected life span, using 5% increased in the cost of new vehicles each year.



# PROJECT DATA SHEET

## Capital Improvements Program

Fiscal Years  
2013 - 2017

PROJECT NO: RW066

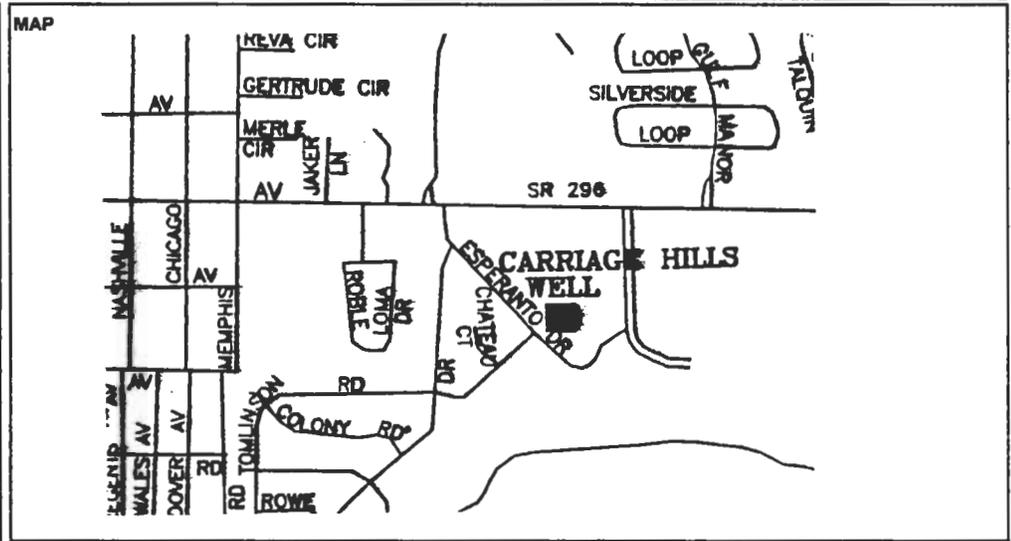
Program: Water Production

Project Title: Carriage Hills Ground Storage

Tank WRF and Pump Station

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP OPERATING							
RENEWAL & REPLACEMENT	2500	1000					3500
TOTAL	2500	1000					3500

ESTIMATED PROJECT COSTS	
Date:	2/14/12
ENV. ASSESS	
ENGINEERING	200000
SURVEY	20000
INSPECTION	
TESTING	
CONSTRUCTION	3280000
EQUIPMENT	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL</b>	<b>\$3,500,000</b>



**DESCRIPTION:**

ECUA's master plan indicates a need for a water storage tank in the Carriage Hills area. The most effective location is at/adjacent to the existing Carriage Hills well site.



**PROJECT DATA SHEET**

PROJECT NO: RS1131

**Capital Improvements Program**

Program: Wastewater Collection

Fiscal Years

Project Title: Manhole Rehabilitation

2013 - 2017

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT	930	500	500	500	500	500	3430
TOTAL	930	500	500	500	500	500	3430

ESTIMATED PROJECT COSTS	MAP
Date: 2/13/09	<b>SYSTEM WIDE</b>
ENV. ASSESS	
ENGINEERING	
SURVEY	
INSPECTION	
TESTING	
CONSTRUCTION 3430000	
EQUIPMENT	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL \$3,430,000</b>	

**DESCRIPTION:**

Manholes in locations throughout the ECUA system have deteriorated severely due to hydrogen sulfide gas damage. They must be rehabilitated using techniques that allow the system to remain in service. Some of the locations are part of a large diameter trunk sewer system which would make bypass pumping prohibitive. Many of these manholes are very deep making rehabilitation more difficult and more expensive. Some of these locations are in areas near surface water that could be damaged by a sewage spill as a result of a collapse. This should be an ongoing effort.





**PROJECT DATA SHEET**

**Capital Improvements Program**

Fiscal Years  
**2013 - 2017**

PROJECT NO: RS121

Program: Wastewater Collection

Project Title: Lift Station Replacement and Upgrade

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT	9426	5000	5000	5000	5000	5000	34426
TOTAL	9426	5000	5000	5000	5000	5000	34426

ESTIMATED PROJECT COSTS	MAP
Date: 2/01/12	<b>VARIOUS LOCATIONS</b>
ENV. ASSESS	
ENGINEERING 2000000	
SURVEY	
INSPECTION	
TESTING	
CONSTRUCTION 31726000	
EQUIPMENT	
MATERIAL	
FURNISHING	
LAND 700000	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL \$34,426,000</b>	

**DESCRIPTION:**

ECUA's sanitary sewer collection system includes 372 lift stations. Many of these lift stations are in poor condition and in need of repair or in some cases replacement. Liftstations to be funded under this CIP project includes the liftstations outline below. Other liftstations will be added annually. Liftstation numbers: 12, 13, 18, 20, 34, 36, 52, 57, 58, 103, 109, 118, 140, 141, 142, 143, 146, 150, 220.



# PROJECT DATA SHEET

## Capital Improvements Program Fiscal Years 2013 - 2017

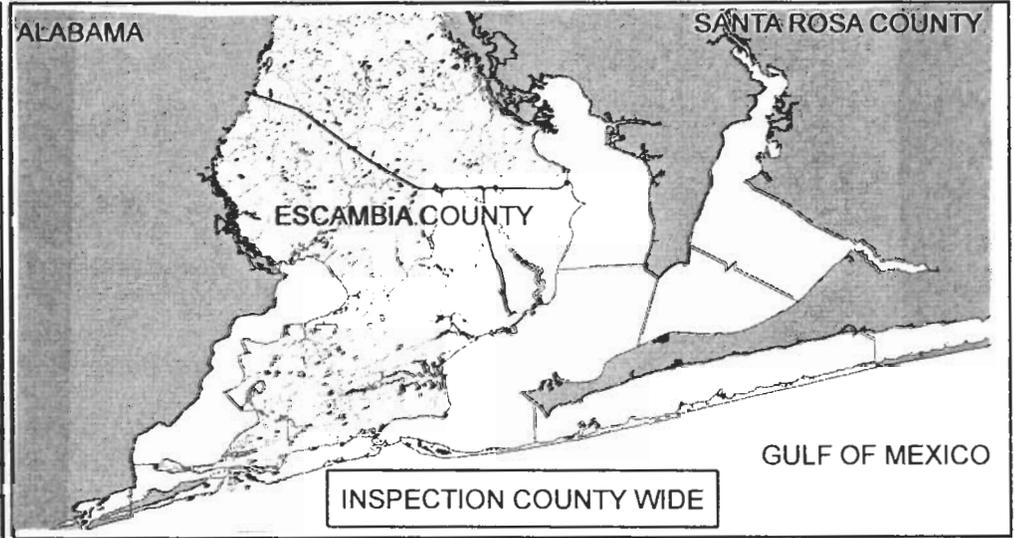
PROJECT NO: RS

Program: Wastewater Collection

Project Title: Trunk Line Inspection

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT		750	200	200	200	200	1550
TOTAL		750	200	200	200	200	1550

ESTIMATED PROJECT COSTS	
Date:	2/21/12
ENV. ASSESS	
ENGINEERING	
SURVEY	
INSPECTION	1550000
TESTING	
CONSTRUCTION	
EQUIPMENT	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL</b>	<b>\$1,550,000</b>



**DESCRIPTION:**

This project is to inspect ECUA's critical sanitary sewer trunk mains. The project will include CCTV (televising), bypass pumping, access, and traffic control.



# PROJECT DATA SHEET

## Capital Improvements Program

Fiscal Years  
2013 - 2017

PROJECT NO: RS

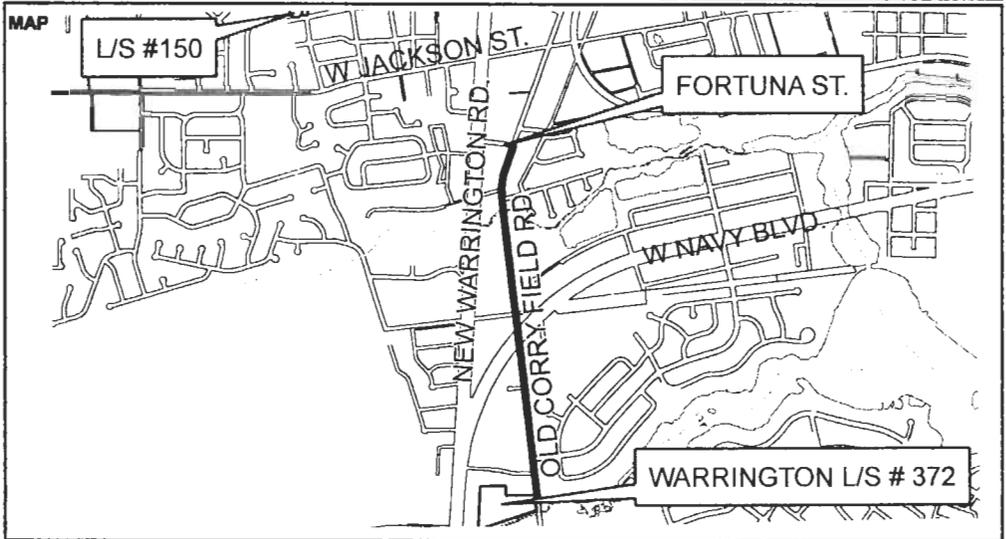
Program: Wastewater Collection

Project Title: Old Corry Field Rd. Force Main

Replacement

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT		750					750
TOTAL		750					750

ESTIMATED PROJECT COSTS	
Date:	2/21/12
ENV. ASSESS	
ENGINEERING	90000
SURVEY	10000
INSPECTION	5000
TESTING	
CONSTRUCTION	645000
EQUIPMENT	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL</b>	<b>\$750,000</b>



**DESCRIPTION:**

Replace the force main from intersection of Fortuna St. and Old Corry Field Rd. to L/S # 372 and inspect other portions of the force main. The project may require a second phase depending on the condition of the force main upstream of the replaced segment. The force main varies in size ranging from 8 to 12 inches in diameter. The smaller diameter portion is a "choke" point preventing a large volume of flow from passing thereby participating in the cause for the overflows at L/S # 150.



**PROJECT DATA SHEET**

PROJECT NO: RS008R

**Capital Improvements Program**

Program: Wastewater Collection

Fiscal Years  
**2013 - 2017**

Project Title: Pump Repair & Replacement

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT	651	400	400	400	400	400	2651
TOTAL	651	400	400	400	400	400	2651

ESTIMATED PROJECT COSTS	MAP
Date: 2/15/07	<b>VARIOUS LOCATIONS</b>
ENV. ASSESS	
ENGINEERING	
SURVEY	
INSPECTION	
TESTING	
CONSTRUCTION 2651000	
EQUIPMENT	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL \$2,651,000</b>	

**DESCRIPTION:**

This program is part of a preventive maintenance program that is being carried out by the Lift Station Division. This program is targeted towards the small and medium size pumps. The pumps at our larger key stations are being repaired or replaced due to wear and age as a part of specific projects. We have over 362 lift stations with more than 584 pumps in our system. With an average life expectancy of 15 years we need to plan to replace 36 pumps per year. As growth is continuing, many stations must be upgraded. This is particularly true of stations which repump the sewage from several smaller stations.





**PROJECT DATA SHEET**

PROJECT NO: RS849

**Capital Improvements Program**

Program: Wastewater Collection

Fiscal Years  
2013 - 2017

Project Title: Lift Station Codes and Standards Upgrade

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT	1121	750	750	750	750	750	4871
<b>TOTAL</b>	<b>1121</b>	<b>750</b>	<b>750</b>	<b>750</b>	<b>750</b>	<b>750</b>	<b>4871</b>

ESTIMATED PROJECT COSTS	MAP
Date: 2/14/07	<b>VARIOUS LOCATIONS</b>
ENV. ASSESS	
ENGINEERING	
SURVEY	
INSPECTION	
TESTING	
CONSTRUCTION 3121000	
EQUIPMENT 1750000	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL \$4,871,000</b>	

**DESCRIPTION:**

To replace all rigid mount lift station pumps with guide rail systems and pumps. " Eliminate all stations with cans, single pumps and manholes (using a standard manhole does not provide adequate room for a second pump)."Standards require removal of lift station pumps without entry into wet well. This project would upgrade approximately 30 lift stations per year as identified in the 2007 Management Audit.







# PROJECT DATA SHEET

## Capital Improvements Program

Fiscal Years  
2013 - 2017

PROJECT NO: RW920E

Program: Water Distribution

Project Title: Ongoing Water Line Cleaning  
Program

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT		500	50	50	50	50	700
TOTAL		500	50	50	50	50	700

ESTIMATED PROJECT COSTS	MAP
Date: 3/17/12	<b>VARIOUS LOCATIONS</b>
ENV. ASSESS	
ENGINEERING	
SURVEY	
INSPECTION	
TESTING	
CONSTRUCTION 700000	
EQUIPMENT	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL \$700,000</b>	

**DESCRIPTION:**

Over time, water lines will accumulate deposits on interior walls that can limit capacity and/or lead to water quality problems. Water line cleaning is an alternative to replacement.



**PROJECT DATA SHEET**

PROJECT NO: RW507P

**Capital Improvements Program**

Program: Water Distribution

Fiscal Years

Project Title: Water Service Renewal

2013 - 2017

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT	1007	500	500	500	500	500	3507
TOTAL	1007	500	500	500	500	500	3507

ESTIMATED PROJECT COSTS	MAP
Date: 2/10/98	<b>VARIOUS LOCATIONS</b>
ENV. ASSESS	
ENGINEERING	
SURVEY	
INSPECTION	
TESTING	
CONSTRUCTION 3507000	
EQUIPMENT	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL \$3,507,000</b>	

**DESCRIPTION:**

ECUA maintenance crews continue to repair leaking water services. The majority of these leaks are because of bad service material. The impact on our operation is cost in overtime and customer satisfaction.





**PROJECT DATA SHEET**

**Capital Improvements Program**

Fiscal Years  
2013 - 2017

PROJECT NO: RS928P

Program: Wastewater Collection

Project Title: Electric Panel Replacement Lift Station

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT	701	300	300	300	300	300	2201
TOTAL	701	300	300	300	300	300	2201

ESTIMATED PROJECT COSTS	MAP
Date: 4/01/88	<b>VARIOUS LOCATIONS</b>
ENV. ASSESS	
ENGINEERING	
SURVEY	
INSPECTION	
TESTING	
CONSTRUCTION 2201000	
EQUIPMENT	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL \$2,201,000</b>	

**DESCRIPTION:**

The electrical panels are exposed to weather and initially were built for the pumps installed at the time of construction. An average electrical panel will last 10 to 15 years. With over 362 lift stations in our system we must replace 25 to 30 panels per year to keep up. During the past few years we have only replaced 10 - 12 panels per year so we are still looking at a backlog of panels which require replacement. New regulatory requirements have increased the cost per panel. With only a few years of experience we are already seeing the benefits of this effort in reduced overtime call-outs due to equipment malfunctions. The backlog of repair work orders has also been reduced. This program in conjunction with our SCADA system has reduced our liabilities by significantly reducing the sewer backups and overflows. Recently, panels have had to be replaced because the pumps have been upsized. All pumps greater than 20 hp require a soft starter.



**PROJECT DATA SHEET**

PROJECT NO: CA601A

**Capital Improvements Program**

Program: General Projects

Fiscal Years

Project Title: Miscellaneous Paving Projects

**2013 - 2017**

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING	831	500	500	500	500	500	3331
RENEWAL & REPLACEMENT							
<b>TOTAL</b>	<b>831</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>3331</b>

ESTIMATED PROJECT COSTS	MAP
Date: 2/23/12	<b>VARIOUS LOCATIONS</b>
ENV. ASSESS	
ENGINEERING	
SURVEY	
INSPECTION	
TESTING	
CONSTRUCTION <b>3331000</b>	
EQUIPMENT	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL \$3,331,000</b>	

**DESCRIPTION:**

Many of ECUA lift stations, manholes and other facilities are located in areas where access is limited. This project would provide means to construct new or stabilize and maintain existing access roadways.



**PROJECT DATA SHEET**

PROJECT NO: RW067

**Capital Improvements Program**

Program: Water Distribution

Fiscal Years

Project Title: Water Quality Connections

2013 - 2017

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT		200	200	200	200	200	1000
TOTAL		200	200	200	200	200	1000

ESTIMATED PROJECT COSTS	
Date:	1/31/08
ENV. ASSESS	
ENGINEERING	
SURVEY	
INSPECTION	
TESTING	
CONSTRUCTION	1000000
EQUIPMENT	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL</b>	<b>\$1,000,000</b>

MAP

**VARIOUS LOCATIONS**

**DESCRIPTION:**

There are dead-end lines throughout ECUA's water distribution system that can be eliminated by connections to the existing water distribution system. The purpose of this project would be to identify areas where water circulation can be improved by tying to adjacent distribution lines. A looped system provides better water circulation and can improve both water quality and pressure.



**PROJECT DATA SHEET**

**Capital Improvements Program**

Fiscal Years  
**2013 - 2017**

PROJECT NO: CA

Program: General Projects

Project Title: INFOR Handheld Devices

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING		200					200
RENEWAL & REPLACEMENT							
TOTAL		200					200

ESTIMATED PROJECT COSTS	MAP
Date: 2/27/12	N/A
ENV. ASSESS	
ENGINEERING	
SURVEY	
INSPECTION	
TESTING	
CONSTRUCTION	
EQUIPMENT 125000	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS 75000	
INDIRECT	
TOTAL \$200,000	

**DESCRIPTION:**

This is the expansion of the CMMS system being used at the CWRf facility. This system will provide better tracking of maintenance and operating costs, as well as control inventory. At this time, the Lift Station, Facilities Maintenance, Odor Control, and Generator divisions are not using any type of computerized software system. They only have access to the AS 400 which does not offer preventative maintenance tracking, asset life cycle costs, inventory management and a mobile work order system. Implementation of this system will finally have all Maintenance divisions using the same system.



**PROJECT DATA SHEET**

PROJECT NO: RW401  
 Program: Water Distribution  
 Project Title: Creek Crossing Renewals

**Capital Improvements Program**  
 Fiscal Years  
**2013 - 2017**

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT		300					300
TOTAL		300					300

ESTIMATED PROJECT COSTS	MAP
Date: 1/15/09	<b>VARIOUS LOCATIONS</b>
ENV. ASSESS	
ENGINEERING 70000	
SURVEY	
INSPECTION	
TESTING	
CONSTRUCTION 230000	
EQUIPMENT	
MATERIAL	
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL \$300,000</b>	

**DESCRIPTION:**

Numerous stream crossings of water distribution and sewer mains have failed in the past, and permanent repairs were not effective. Several different approaches to main rehabilitation will be investigated, including directional boring, pipe bursting and conventional methods. These include the following:

1. Crossing at Interstate Circle (8" main)
2. Creek crossing on Lillian Hwy. west of San Sebastian (8" main)
3. Pine Forest Road north of Lake Estelle (8" main)
4. Bayou Marcus Creek at Patricia Drive (8" main)
5. 9 mile at 11 Mile Creek (6" force main)



# PROJECT DATA SHEET

PROJECT NO: RS

## Capital Improvements Program

Program: Wastewater Collection

Fiscal Years  
2013 - 2017

Project Title: PB Dechlorination Canopy

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT		200					200
TOTAL		200					200

ESTIMATED PROJECT COSTS	
Date:	2/27/12
ENV. ASSESS	
ENGINEERING	25000
SURVEY	
INSPECTION	
TESTING	
CONSTRUCTION	
EQUIPMENT	100000
MATERIAL	75000
FURNISHING	
LAND	
MISCELLANEOUS	
INDIRECT	
<b>TOTAL</b>	<b>\$200,000</b>



**DESCRIPTION:**

The replacement of this canopy is critical because it is a weather barrier for the dechlorination system allowing the plant effluent to be discharged to the sound. The current canopy is aging very quickly due to the salt environment and could become dangerous to the plant in the next major storm event.



# PROJECT DATA SHEET

## Capital Improvements Program

Fiscal Years  
2013 - 2017

PROJECT NO: RW034

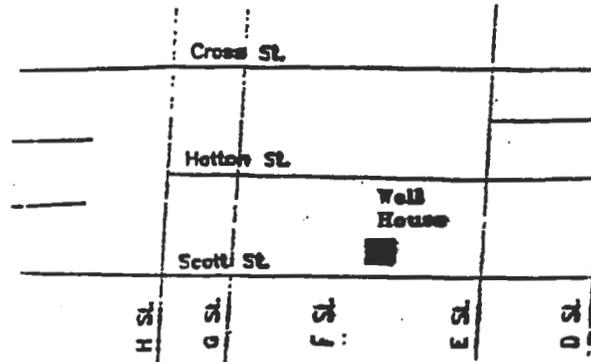
Program: Water Production

Project Title: Water Treatment Facility

Replacement - F & Scott

FUNDS (000)	PRIOR YEARS	FISCAL YEAR 2013	FISCAL YEAR 2014	FISCAL YEAR 2015	FISCAL YEAR 2016	FISCAL YEAR 2017	PROJECT TOTAL
CIP							
OPERATING							
RENEWAL & REPLACEMENT		1200					1200
TOTAL		1200					1200

ESTIMATED PROJECT COSTS		MAP
Date:	2/08/99	
ENV. ASSESS		
ENGINEERING	70000	
SURVEY	10000	
INSPECTION	25000	
TESTING		
CONSTRUCTION	795000	
EQUIPMENT	300000	
MATERIAL		
FURNISHING		
LAND		
MISCELLANEOUS		
INDIRECT		
<b>TOTAL</b>	<b>\$1,200,000</b>	



**DESCRIPTION:**

Replace th existing well house with current design for additional chemical treatment (fluoridation) and install standby generator. Modifications to the existing pump assembly will not be necessary and current location will allow modifications requiring only minor site work.

