

# Water/Wastewater Operating Fund (401)

## Revenues

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
<b><u>CHARGES FOR SERVICES</u></b>					
WATER AND IRRIGATION SALES	4,599,018	4,557,227	4,889,779	4,889,779	4,700,000
SEWER SERVICE FEES	5,852,984	6,018,340	5,901,397	5,901,397	5,900,750
RECLAIMED WATER/ALTERNATIVE WATER SALES	880,002	828,472	868,867	868,867	905,000
METER INSTALLATION FEES (PARTS AND LABOR)	79,017	80,740	100,000	100,000	75,000
METER RE-CONNECTION CHARGES	107,080	114,330	100,000	100,000	100,000
TEMPORARY SERVICE - UTILITY CHARGES	1,645	805	-	-	-
DUAL CHECK REPLACEMENT FEE	30	57	-	-	-
BACKFLOW MAINTENANCE/TESTING	48	65	-	-	-
MISCELLANEOUS CHARGES FOR SERVICE	1,984	2,811	-	-	-
<b>TOTAL: CHARGES FOR SERVICE</b>	<b>11,521,808</b>	<b>11,602,847</b>	<b>11,860,043</b>	<b>11,860,043</b>	<b>11,680,750</b>
<b><u>MISCELLANEOUS REVENUES</u></b>					
INTEREST EARNINGS	54,627	22,055	42,000	42,000	42,500
REFUND OF PRIOR YEAR EXPENSES	-	176	-	-	-
Federal Direct Payment Subsidy*	-	-	-	-	-
LATE PAYMENT CHARGES	217,955	205,317	205,000	205,000	190,000
RETURNED CHECK CHARGES	4,294	3,163	3,000	3,000	3,000
INSURANCE PROCEEDS	6,226	-	-	-	-
FEDERAL ARRA (BABS)	624,565	597,397	500,000	500,000	500,000
MISCELLANEOUS	240,740	552,097	-	-	-
DEVELOPER CONTRIBUTIONS	-	638,000	-	-	-
SALE OF ASSETS	3,394	1,300	-	-	-
<b>TOTAL: MISCELLANEOUS REVENUE</b>	<b>1,151,801</b>	<b>2,019,505</b>	<b>750,000</b>	<b>750,000</b>	<b>735,500</b>
<b><u>INTERFUND TRANSFERS</u></b>					
RENEWAL AND REPLACEMENT FUND (406)	67,607	-	-	-	-
WATER /SEWER IMPACT FEE FUND (408/409)	-	-	19,330	19,330	-
<b>TOTAL: INTERFUND TRANSFERS</b>	<b>67,607</b>	<b>-</b>	<b>19,330</b>	<b>19,330</b>	<b>-</b>
<b><u>APPROPRIATED RETAINED EARNINGS</u></b>					
	-	-	-	125,578	-
<b>Total Revenues</b>	<b>12,741,216</b>	<b>13,622,352</b>	<b>12,629,373</b>	<b>12,754,951</b>	<b>12,416,250</b>

## Expenditures

<b><u>WATER PRODUCTION AND DISTRIBUTION</u></b>					
UTILITY ADMINISTRATION					
PERSONAL SERVICES	185,003	278,305	285,029	285,029	347,727
OPERATING EXPENSES	123,641	98,602	107,387	116,242	96,723
VEHICLE REPLACEMENT	-	-	6,831	6,831	27,505
CAPITAL OUTLAY	-	-	319,000	404,145	317,500
<b>TOTAL: WATER PRODUCTION AND DISTRIBUTION</b>	<b>308,644</b>	<b>376,907</b>	<b>718,247</b>	<b>812,247</b>	<b>789,455</b>

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
<b><u>UTILITY BILLING AND CUSTOMER SERVICE</u></b>					
PERSONAL SERVICES	314,573	296,074	320,308	320,308	362,543
OPERATING EXPENSES	268,785	261,896	257,255	262,476	299,315
VEHICLE REPLACEMENT	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-
<b>TOTAL: UTILITY BILLING AND CUSTOMER SERVICE</b>	<b>583,358</b>	<b>557,970</b>	<b>577,563</b>	<b>582,784</b>	<b>661,858</b>
<b><u>WATER PRODUCTION</u></b>					
PERSONAL SERVICES	356,275	308,903	313,547	313,547	313,790
OPERATING EXPENSES	1,084,886	925,945	1,092,528	1,095,228	1,095,105
VEHICLE REPLACEMENT	-	-	5,356	5,356	5,065
CAPITAL OUTLAY	-	-	-	-	-
<b>TOTAL: WATER PRODUCTION</b>	<b>1,441,161</b>	<b>1,234,848</b>	<b>1,411,431</b>	<b>1,414,131</b>	<b>1,413,960</b>
<b><u>WATER DISTRIBUTION AND MAINTENANCE</u></b>					
PERSONAL SERVICES	309,681	363,758	363,355	363,355	382,459
OPERATING EXPENSES	233,990	143,678	263,384	263,884	139,021
VEHICLE REPLACEMENT	-	-	13,151	13,151	24,342
CAPITAL OUTLAY	-	-	-	4,578	-
<b>TOTAL: WATER DISTRIBUTION AND MAINTENANCE</b>	<b>543,671</b>	<b>507,436</b>	<b>639,890</b>	<b>644,968</b>	<b>545,822</b>
<b>TOTAL: WATER PRODUCTION AND DISTRIBUTION</b>	<b>2,876,834</b>	<b>2,677,161</b>	<b>3,347,131</b>	<b>3,454,130</b>	<b>3,411,095</b>
<b><u>UTILITY OPERATIONS</u></b>					
<b><u>CROSS CONNECTION CONTROL</u></b>					
PERSONAL SERVICES	111,121	65,894	69,950	69,950	68,161
OPERATING EXPENSES	33,300	28,427	32,773	32,973	34,732
VEHICLE REPLACEMENT	-	-	817	817	817
CAPITAL OUTLAY	-	-	-	-	-
<b>TOTAL: CROSS CONNECTION CONTROL</b>	<b>144,421</b>	<b>94,321</b>	<b>103,540</b>	<b>103,740</b>	<b>103,710</b>
<b><u>WASTE WATER COLLECTION AND REUSE DISTRIBUTION</u></b>					
PERSONAL SERVICES	154,598	160,914	168,125	168,125	244,788
OPERATING EXPENSES	742,157	797,169	788,836	929,536	1,061,577
VEHICLE REPLACEMENT	-	-	8,956	8,956	19,230
CAPITAL OUTLAY	-	-	-	-	-
<b>TOTAL: WASTEWATER COLLECTION AND REUSE DISTRIBUTION</b>	<b>896,755</b>	<b>958,083</b>	<b>965,917</b>	<b>1,106,617</b>	<b>1,325,595</b>
<b><u>ALAFAYA WASTEWATER/RECLAIMED</u></b>					
PERSONAL SERVICES	323,983	339,514	347,986	347,986	292,503
OPERATING EXPENSES	1,089,283	1,054,736	1,220,831	1,068,236	933,496
VEHICLE REPLACEMENT	-	-	7,016	7,016	5,209
CAPITAL OUTLAY	-	-	8,500	21,095	-
<b>TOTAL: ALAFAYA WASTEWATER/RECLAIMED</b>	<b>1,413,266</b>	<b>1,394,250</b>	<b>1,584,333</b>	<b>1,444,333</b>	<b>1,231,208</b>
<b><u>RECLAIMED WATER</u></b>					
PERSONAL SERVICES	51,074	50,313	51,117	51,117	51,867
OPERATING EXPENSES	173,412	158,572	224,053	224,053	128,108
VEHICLE REPLACEMENT	-	-	801	801	801
CAPITAL OUTLAY	-	-	-	46,000	-
<b>TOTAL: RECLAIMED WATER</b>	<b>224,486</b>	<b>208,885</b>	<b>275,971</b>	<b>321,971</b>	<b>180,776</b>
<b>TOTAL: UTILTIY OPERATIONS</b>	<b>2,678,928</b>	<b>2,655,539</b>	<b>2,929,761</b>	<b>2,976,661</b>	<b>2,841,289</b>
<b>TOTAL: ALL WATER/WASTEWATER DEPARTMENTS</b>	<b>5,555,762</b>	<b>5,332,700</b>	<b>6,276,892</b>	<b>6,430,791</b>	<b>6,252,384</b>

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
<b><u>NON-EXPENSE DISBURSEMENTS</u></b>					
DEPRECIATION	1,100,034	1,203,847	-	-	-
<b><u>INTERFUND TRANSFERS</u></b>					
GENERAL FUND (001)	1,174,193	1,217,881	1,257,670	1,257,670	1,275,605
REVENUE BOND SINKING FUND (201)	32,165	2,834	29,846	27,731	29,598
GENERAL OBLIGATION DEBT SERVICE FUND (203)	6,557	-	-	-	-
TECHNOLOGY IMPROVEMENTS FUND (320)	34,424	50,000	42,286	42,286	2,600
RENEWAL AND REPLACEMENT FUND (406)	615,453	615,453	612,300	612,300	405,790
VEHICLE REPLACEMENT FUND (407)	107,471	38,773	-	-	113,369
STORMWATER UTILITY FUND (138)	294	2,116	7,094	7,094	7,094
HEALTH INSURANCE FUND (510)	61,513	61,513	69,065	69,065	90,808
<b>TOTAL: INTERFUND TRANSFERS</b>	<b>2,032,070</b>	<b>1,988,570</b>	<b>2,018,261</b>	<b>2,016,146</b>	<b>1,924,864</b>
<b><u>INTERFUND TRANSFERS TO DEBT SERVICE</u></b>					
2010A Utility Revenue Bonds	4,233,560	3,956,078	3,963,829	1,904,766	4,000,995
<b>TOTAL: INTERFUND TRANSFERS</b>	<b>6,265,630</b>	<b>5,944,648</b>	<b>5,982,090</b>	<b>3,920,912</b>	<b>5,925,859</b>
RESERVE FOR CONTINGENCY	-	-	370,391	2,403,248	238,007
<b>TOTAL EXPENDITURES</b>	<b>12,921,426</b>	<b>12,481,195</b>	<b>12,629,373</b>	<b>12,754,951</b>	<b>12,416,250</b>

## Actual and Budget Comparison by Revenue Grouping Water/Wastewater Fund (401)

Revenue Grouping	2011/12 Actual	2012/13 Actual	2013/14 Original Budget	2013/14 Amended Budget	2014/15 Proposed Budget
<b><u>CHARGES FOR SERVICES</u></b>					
Culture/Recreation	-	-	-	-	-
General Government	-	-	-	-	-
Other Charges for Services	-	-	-	-	-
Physical Environment	11,521,791	11,602,837	11,860,043	11,860,043	11,680,750
Public Safety	-	-	-	-	-
<b>Total Charges for Services</b>	<b>11,521,791</b>	<b>11,602,837</b>	<b>11,860,043</b>	<b>11,860,043</b>	<b>11,680,750</b>
<b><u>FINES AND FORFEITURES</u></b>					
Judgements and Fines	-	-	-	-	-
Other Fines &/or Forfeits	-	-	-	-	-
Violations of Local Ord.	-	-	-	-	-
<b>Total Fines and Forfeitures</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b><u>INTERGOVERNMENTAL REVENUE</u></b>					
Federal Grants	624,565	597,397	500,000	500,000	500,000
Grants from Other Local	-	-	-	-	-
Intergovernmental Revenues	-	-	-	-	-
State Grants	-	-	-	-	-
State Shared Revenues	-	-	-	-	-
<b>Total Intergovernmental</b>	<b>624,565</b>	<b>597,397</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>
<b><u>LICENSES &amp; PERMITS</u></b>					
	(28,127)	(11,119)	-	-	-
Business Tax Receipts	-	-	-	-	-
Franchise Fees	-	-	-	-	-
Other Lic, Fees & Permits	-	-	-	-	-
Special Assessments	-	-	-	-	-
<b>Total Licenses &amp; Permits</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b><u>MISCELLANEOUS REVENUES</u></b>					
Cont & Donation/Private	-	-	-	-	-
Disposition of Fixed Assets	3,394	1,300	-	-	-
Interest Earnings	54,627	22,055	42,000	42,000	42,500
Miscellaneous Revenues	-	-	-	-	-
Other Miscellaneous Revenues	469,215	760,753	208,000	208,000	193,000
Rents & Leases	-	-	-	-	-
<b>Total Misc Revenues</b>	<b>527,236</b>	<b>784,108</b>	<b>250,000</b>	<b>250,000</b>	<b>235,500</b>
<b><u>OTHER SOURCES</u></b>					
Interfund Transfers	67,607	-	19,330	19,330	-
Other Sources	-	638,000	-	-	-
Appropriated Fund Balance	-	-	-	125,578	-
<b>Total Other Sources</b>	<b>67,607</b>	<b>638,000</b>	<b>19,330</b>	<b>144,908</b>	<b>-</b>
<b><u>TAXES</u></b>					
Ad Valorem Taxes	-	-	-	-	-
Business Tax Receipts	-	-	-	-	-
Communications Svr Tax	-	-	-	-	-
Franchise Fees	-	-	-	-	-
Utility Service Taxes	17	10	-	-	-
<b>Total Taxes</b>	<b>17</b>	<b>10</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Revenues by Grouping</b>	<b>\$ 12,741,216</b>	<b>\$ 13,622,352</b>	<b>\$ 12,629,373</b>	<b>\$ 12,754,951</b>	<b>\$ 12,416,250</b>

**Actual and Budget Comparison by Expense Grouping  
Water/Wastewater Fund (401)**

<u>Expense Grouping</u>	<u>2011/12 Actual</u>	<u>2012/13 Actual</u>	<u>2013/14 Original Budget</u>	<u>2013/14 Amended Budget</u>	<u>2014/15 Proposed Budget</u>
<b><u>SALARIES</u></b>					
Executive Salaries	60,022	82,997	83,893	83,893	85,198
Regular Salaries & Wages	1,256,401	1,293,302	1,344,469	1,344,469	1,473,836
Other Salaries & Wages	16,473	15,145	21,100	21,100	21,429
Overtime	58,768	59,143	53,150	53,150	53,650
<b>Total Salaries</b>	<b>1,391,664</b>	<b>1,450,587</b>	<b>1,502,612</b>	<b>1,502,612</b>	<b>1,634,113</b>
<b><u>BENEFITS</u></b>					
Special Pay	-	100	-	-	1,787
FICA/Medicare Taxes	104,098	105,457	107,254	107,254	110,595
Retirement Contributions	63,332	63,297	66,993	66,993	63,834
Health Insurance	214,083	215,410	192,379	192,379	217,385
Workers' Compensation	33,131	28,473	50,179	50,179	36,124
Unemployment	-	351	-	-	-
Active Military Pay	-	-	-	-	-
<b>Total Benefits</b>	<b>414,644</b>	<b>413,088</b>	<b>416,805</b>	<b>416,805</b>	<b>429,725</b>
<b><u>OPERATING EXPENSES</u></b>					
Professional Services	68,906	52,570	43,714	87,714	77,723
Accounting & Auditing	-	-	-	-	-
Other Contractual Services	1,038,703	1,029,050	1,009,578	984,578	1,022,473
Travel & Per-Diem	628	1,471	6,588	6,588	9,230
Communications & Freight	29,995	35,736	37,077	37,077	32,103
Freight & Postage Service	3,560	3,869	4,867	7,397	4,851
Utility Services	704,329	633,901	679,502	692,902	658,421
Rentals & Leases	165,892	160,175	215,779	215,779	270,766
Insurance	244,074	280,644	303,539	303,539	326,839
Repair and Maintenance	545,292	369,127	597,106	577,752	466,554
Printing and Binding	4,977	2,753	8,420	8,420	5,818
Promotional Activities	13,059	11,684	26,300	26,300	26,300
Other Current Charges	224,525	252,060	207,754	207,754	220,237
Office Supplies	2,677	4,329	5,120	5,120	5,300
Operating Supplies	694,137	621,662	864,356	854,361	721,936
Road Materials & Supplies	1,671	791	2,000	2,000	2,000
Books, Publications, Subs	7,029	9,203	18,275	18,275	20,495
Machinery & Equipment	-	-	8,500	31,240	-
<b>Total Operating Expenses</b>	<b>3,749,454</b>	<b>3,469,025</b>	<b>4,038,475</b>	<b>4,066,796</b>	<b>3,871,046</b>
<b><u>DEPRECIATION</u></b>					
Depreciation	1,100,034	1,203,847	-	-	-
<b>Total Depreciation</b>	<b>1,100,034</b>	<b>1,203,847</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b><u>CAPITAL</u></b>					
Land	-	-	-	-	-
Buildings	-	-	-	-	-
Improvements Other than Bldgs	28,127	11,119	319,000	444,578	317,500
Capital Assets	-	-	-	-	-
<b>Total Capital</b>	<b>28,127</b>	<b>11,119</b>	<b>319,000</b>	<b>444,578</b>	<b>317,500</b>
<b><u>TRANSFERS</u></b>					
Interfund Transfers	6,265,630	5,944,648	5,982,090	3,920,912	5,925,859
<b>Total Transfers</b>	<b>6,265,630</b>	<b>5,944,648</b>	<b>5,982,090</b>	<b>3,920,912</b>	<b>5,925,859</b>
<b><u>RESERVES</u></b>					
Reserve for Contingencies	-	-	370,391	2,403,248	238,007
<b>Total Reserve for Contingencies</b>	<b>-</b>	<b>-</b>	<b>370,391</b>	<b>2,403,248</b>	<b>238,007</b>
<b>Total Expenditures by Grouping</b>	<b>\$ 12,949,553</b>	<b>\$ 12,492,314</b>	<b>\$ 12,629,373</b>	<b>\$ 12,754,951</b>	<b>\$ 12,416,250</b>

# UTILITIES ADMINISTRATION 3300

## *DESCRIPTION*

Utilities Administration directs and manages the services and technical activities of Water Production and Distribution; Wastewater Collection; Reuse Distribution; and Cross Connection Control/Backflow Prevention. In conjunction with the City's Engineering Division, the Utilities Administration Division also coordinates "renewal and replacement" capital improvement projects that are essential to the on-going maintenance and repair of the utility system infrastructure.

The Utilities Administration Division's budget also includes the professional services fees which are needed to update the City's utility rate model.

	<b>FY 11-12 Actual</b>	<b>FY 12-13 Actual</b>	<b>FY 13-14 Budget</b>	<b>FY 13-14 Amended Budget</b>	<b>FY 14-15 Budget</b>
<b>Salaries</b>	144,506	229,992	250,516	250,516	281,776
<b>Benefits</b>	40,497	48,313	34,513	34,513	65,951
<b>Operating</b>	146,030	103,568	114,218	123,073	124,228
<b>Capital</b>	-	-	319,000	404,145	317,500
<b>Total</b>	<b>331,033</b>	<b>381,873</b>	<b>718,247</b>	<b>812,247</b>	<b>789,455</b>

## *BUDGET HIGHLIGHTS*

The FY 14-15 budget reflects an overall increase, due to an increase in the allocation to the new Fleet Maintenance fund, for vehicle repairs & replacement, and an increase in salaries and benefits as a result of a reserve set aside for the EMPACT adjustments. Capital project expenses for water system improvement projects remained about the same, while some expenses for repair and replacement of equipment actually decreased as they were budgeted in the R&R Fund (406) for FY 14/15. Operating expenses for contractual services and computer supplies decreased due to a Utility System Analysis & Rate Study which will be completed in the current FY 13/14, and new software purchased in FY 13/14 which will not need to be budgeted in FY 14-15. The FY 14-15 budget also includes an environmental study for the Evans Street Landfill.

As is the case for all general employees, funding is included in the FY 14-15 budget for a 1.5% wage increase; health insurance premiums reflect a neutral position.

## *PERFORMANCE OUTCOMES*

1. Ensure compliance with all technical requirements of the Florida Department of Environmental Protection and St. John's River Water Management District, including related Federal and State requirements.
2. Ensure that all performance outcomes in the Utilities Division are met and that corrective actions are taken as adverse trends are identified during the year.
3. Ensure that all renewal and replacement capital projects under the direction of the Utilities Division are completed within budget and within 30 days of the planned project schedule.

## *PERSONNEL SUMMARY*

	<b>FY 10-11</b>	<b>FY 11-12</b>	<b>FY 12-13</b>	<b>FY 13-14</b>	<b>FY 14-15</b>
<i>Total</i>	2.50	2.50	3.50	4.50	4.50

# UTILITY BILLING/CUSTOMER SERVICE 330I

## *DESCRIPTION*

Utility Billing and Customer Service manages and oversees the City's utility billing system which includes billing, collections and customer services. Approximately 156,000 bills are produced annually for water, sewer, stormwater and solid waste collection services.

In addition, this program assists customers in applying for discounts on their utility service, accepts utility payments, responds to customer inquiries and resolves questions regarding customer accounts.

	<b>FY 11-12 Actual</b>	<b>FY 12-13 Actual</b>	<b>FY 13-14 Budget</b>	<b>FY 13-14 Amended Budget</b>	<b>FY 14-15 Budget</b>
<b>Salaries</b>	247,373	235,394	250,828	250,828	298,647
<b>Benefits</b>	67,200	60,680	69,480	69,480	63,896
<b>Operating</b>	271,309	264,420	257,255	262,476	299,315
<b>Capital</b>	-	-	-	-	-
<b>Total</b>	<b>585,882</b>	<b>560,494</b>	<b>577,563</b>	<b>582,784</b>	<b>661,858</b>

## *BUDGET HIGHLIGHTS*

The FY 14-15 budget increased from FY 13-14 mainly due to an increase in salaries from the addition of a new customer service position, including benefits, although total benefits expenses actually decreased for FY 14-15 for the Utility Billing Division. There was an increase in operating expenses in FY 14-15 due to a request for replacement of existing credit card machines for new chip technology and an increase in training to invest in our employees. We will also see increased costs due to new development and the approximate 300 new customers and the expense of billing.

As is the case for all general employees, funding is included in the FY 14-15 budget for a 1.5% wage increase, and health insurance premiums reflect a neutral position.

## *PERFORMANCE OUTCOMES*

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Budget	FY 13-14 Amended Budget	FY 14-15 Budget
<i>Input/Demand</i>					
# of Utility accounts (monthly average)	12,554	13,818	13,200	13,200	13,200
<i>Workload/Output</i>					
Total # of utility bills processed	150,648	145,000	150,000	150,000	150,000
Total # of bank draft payments	13,243	14,750	10,000	10,000	15,000
Total # of credit card payments	33,927	40,000	60,034	60,034	50,000
Total # of walk up customers served	22,921	15,000	9,500	9,500	13,000
# delinquent accounts (cut offs for nonpayment)	2,224	3,000	2,454	2,454	2,100
<i>Effectiveness/Service Quality</i>					
% payments from bank drafting	9.1%	12.9%	6.7%	6.7%	10.0%
% payments from credit card transactions	26.3%	39.2%	40.0%	40.0%	33.3%
% payments from walk up customers	20.3%	27.8%	6.3%	6.3%	8.7%
Delinquent accounts as % of total (cutoffs)	1.5%	2.1%	1.6%	1.6%	1.4%
<i>Efficiency</i>					
Cost per meter read	3.23	3.23	3.77	3.77	3.77

## *PERSONNEL SUMMARY*

	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15
<i>Total</i>	5.45	6.20	5.36	5.56	6.57

# WATER UTILITY PRODUCTION 3302

## *DESCRIPTION*

The Water Production program is responsible for the operation and maintenance of all equipment associated with the City’s drinking water treatment program. The West Mitchell Hammock Water Treatment Facility (WMHWTF) has a 10 million gallon per day (MGD) capacity. The WMHWTF has a drinking water storage capacity of 2.5 MG and the AM Jones Re-pump Facility has a drinking water capacity of 1.0 MG. The water production program has four (4) emergency backup power production generators.

The Water Production program operates and maintains ten (10) raw water production wells, eleven (11) ground water Monitoring Wells, and completes all required quality testing, sampling, and reporting as permitted by the St. Johns River Water Management Regulation Protection (FDEP) division.

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Budget	FY 13-14 Amended Budget	FY 14-15 Budget
<b>Salaries</b>	274,609	240,565	241,751	241,751	246,895
<b>Benefits</b>	81,666	68,338	71,796	71,796	66,895
<b>Operating</b>	1,096,927	931,569	1,097,884	1,100,584	1,100,170
<b>Capital</b>	-	-	-	-	-
<b>Total</b>	<b>1,453,202</b>	<b>1,240,472</b>	<b>1,411,431</b>	<b>1,414,131</b>	<b>1,413,960</b>

## *BUDGET HIGHLIGHTS*

The FY 14-15 budget increased slightly over FY 13-14. Operating expenses increased due to expenses for maintenance agreements; chemicals; diesel fuel, and lab supplies even though there was a large reduction in expenses for repair & replacement of equipment, which were budgeted in the R&R Fund – 406 for FY 14-15. All other expenses remained similar to the prior year’s budgeted amounts.

As is the case for all general employees, funding is included in the FY 14-15 budget for a 1.5% wage increase; health insurance premiums reflect a neutral position.

## *PERFORMANCE OUTCOMES*

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Budget	FY 13-14 Amended Budget	FY 14-15 Budget
<i>Input/Demand</i>					
Population	34,012	34,573	34,573	34,573	34,965
<i>Workload/Output</i>					
# gallons water produced (MG)	1,378	1,423	1,466	1,466	1,405
Water consumption - Citywide (MG)	1,350	1,376	1,417	1,417	1,328
Average daily demand (MGD)	3.44	3.90	3.90	3.90	3.85
Average total maximum daily flow (MGD)	5.31	5.45	5.45	5.45	5.15
# water quality complaints	0	9	9	9	0
# corrective action work orders (internal)	188	250	250	250	250
<i>Effectiveness/Service Quality</i>					
% water produced within FDEP compliance	100%	100%	100%	100%	100%
% satisfaction rating good or better for service	85%	85%	85%	85%	85%
<i>Efficiency</i>					
Cost per million gallons treated	1,018.97	1,034.41	950.81	950.81	993.79
Per capita consumption/day (gallons)	108.45	108.74	110.94	110.94	406.58
Unaccounted water loss as % of water produced	3.2%	4.4%	4.0%	4.0%	7.0%

## *PERSONNEL SUMMARY*

	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15
<i>Total</i>	6.00	5.50	5.50	4.50	4.50

# WATER UTILITY DISTRIBUTION & MAINTENANCE 3303

## *DESCRIPTION*

Water Distribution is responsible for distributing an average of 4.0 million gallons per day of water to more than 12,356 accounts and maintaining approximately 180 miles of water mains and 1,137 hydrants.

In addition, this program is responsible for the installation of all new water meters, testing, calibration and/or replacement of existing water meters. This program uses all radio read meters and responds to customer requests for assistance and completes any repairs necessary to maintain the system.

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Budget	FY 13-14 Amended Budget	FY 14-15 Budget
<b>Salaries</b>	234,970	274,004	273,893	273,893	295,242
<b>Benefits</b>	74,711	89,754	89,462	89,462	87,217
<b>Operating</b>	258,379	151,757	276,535	277,035	163,363
<b>Capital</b>	-	-	-	4,578	-
<b>Total</b>	568,060	515,515	639,890	644,968	545,822

## *BUDGET HIGHLIGHTS*

The FY 14-15 budget decreased overall this year mainly due to operating expenses for replacement water meters, and new construction water meters, and equipment, which were budgeted in the R&R Fund – 406, and Water Impact Fees Fund – 408 this year. Other significant operating decreases were for meter-reading equipment purchased last fiscal year, and small tools not needed this year. There was an increase in salaries due to the addition of a new utility technician position.

As is the case for all general employees, funding is included in the FY 14-15 budget for a 1.5% wage increase; health insurance premiums reflect a neutral position.

## *PERFORMANCE OUTCOMES*

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Budget	FY 13-14 Amended Budget	FY 14-15 Budget
<i>Input/Demand</i>					
# total meters system wide	16,151	16,151	16,535	16,535	17,052
# potable meters system wide	12,412	12,412	12,761	12,761	12,948
# hydrants system wide	1,134	1,134	1,134	1,134	1,144
Miles of mains system wide	179	179	179	179	181
<i>Workload/Output</i>					
# total work orders completed	6,604	6,604	6,000	6,000	9,150
# all other misc. work orders	6,058	6,058	3,000	3,000	6,118
# locations responded to	271	271	2,501	2,501	2,216
# new meters installed (all radio)	167	167	119	119	1,044
# hydrants maintained	71	71	23	23	20
<i>Effectiveness/Service Quality</i>					
% new building installs (all radio reads)	1.0%	1.0%	0.7%	0.7%	6.1%
% hydrants maintained	6.2%	6.2%	7.9%	7.9%	1.7%
<i>Efficiency</i>					
Cost per work order	86.06	86.01	81.02	81.02	56.31
Cost per mile to maintain	3,174	3,174	2,716	2,716	2,847

## *PERSONNEL SUMMARY*

	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15
<i>Total</i>	6.00	6.00	7.50	7.00	8.00

# RECLAIMED WATER & CONSERVATION

## 3306

### *DESCRIPTION*

The Reclaimed Water/Conservation program is in direct response to a City Council initiative to conserve water resources through a series of incentives to residents who use potable water for irrigation. The City currently has over 3,150 metered, reclaimed water customers.

The City produces up to 1.5 MGD of reclaimed water through its own Reclamation facility. City also has a supplemental supply of reclaimed water from the City of Orlando's Iron Bridge Wastewater Treatment facility through an agreement between Seminole County and the City of Oviedo. This agreement provides up to 3 million gallons additional gallons of reclaimed water per day.

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Budget	FY 13-14 Amended Budget	FY 14-15 Budget
<b>Salaries</b>	35,724	36,581	37,026	37,026	38,098
<b>Benefits</b>	15,350	13,732	14,091	14,091	13,769
<b>Operating</b>	175,651	159,373	224,854	224,854	128,909
<b>Capital</b>	-	-	-	46,000	-
<b>Total</b>	<b>226,725</b>	<b>209,686</b>	<b>275,971</b>	<b>321,971</b>	<b>180,776</b>

### *BUDGET HIGHLIGHTS*

The FY 14-15 budget decreased overall mainly due to a decrease in operating expenses as a result of the City's reclaimed water capacity expansion, allowing for the production of more reclaimed water internally this year, which reduced the payment to Seminole County for reclaimed water. Another significant decrease in operating expenses is due to the budgeting of replacement reclaimed water meters in the R&R Fund -406 this fiscal year.

As is the case for all general employees, funding is included in the FY 14-15 budget for a 1.5% wage increase; health insurance premiums reflect a neutral position.

## *PERFORMANCE OUTCOMES*

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Budget	FY 13-14 Amended Budget	FY 14-15 Budget
<i>Input/Demand</i>					
Bulk Reclaimed Water Cost	117,208	103,884	144,746	144,746	144,746
<i>Workload/Output</i>					
# customers served	2,531	3,420	3,125	3,125	3,865
linear feet of reclaimed water lines maintained	196,048	196,048	211,888	211,888	211,888
# new reclaimed meters installed	763	300	500	500	500
# Landscape Plan & Irrigation Plan reviews	102	132	500	500	500
# Home Water Use inspections	395	350	420	420	420
# H2Oviedo Incentive audits/inspections	20	30	10	10	12
<i>Effectiveness/Service Quality</i>					
Average time to resolve customer issues (hours)	2.00	2.00	2.00	2.00	2.00
# customer complaints high water consumption	461	400	650	650	650
# water restriction violations	101	200	300	300	450
<i>Efficiency</i>					
Cost to purchase reclaimed water	0.64	0.66	0.68	0.68	0.70

## *PERSONNEL SUMMARY*

	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15
<i>Total</i>	1.00	1.00	1.00	1.00	1.00

# CROSS CONNECTION CONTROL 3308

## *DESCRIPTION*

The Cross-Connection/Back Flow Prevention program was established in June 1996 and is responsible for the following activities: inspections of over 5,200 water service connections annually; testing of over 1,900 residential back flow preventers; changing-out over 1,550 dual checks annually; monitoring the testing of over 1,350 commercial backflow preventers annually; and performing inspections of new water services for cross-connection compliance.

Working in conjunction with the Water Distribution and Water Production divisions, Cross-Connection Control ensures the safety of drinking water that is supplied through the water distribution system.

Cross-Connection Control activities are required by federal and state regulations and are mandatory for all public drinking water systems.

	<b>FY 11-12 Actual</b>	<b>FY 12-13 Budget</b>	<b>FY 12-13 Amended Budget</b>	<b>FY 13-14 Budget</b>	<b>FY 14-15 Budget</b>
<b>Salaries</b>	86,836	48,612	49,598	49,598	50,826
<b>Benefits</b>	24,285	17,282	20,352	20,352	17,335
<b>Operating</b>	37,723	29,244	33,590	33,790	35,549
<b>Capital</b>	-	-	-	-	-
<b>Total</b>	<b>148,844</b>	<b>95,138</b>	<b>103,540</b>	<b>103,740</b>	<b>103,710</b>

## *BUDGET HIGHLIGHTS*

The FY 14-15 budget remained essentially unchanged from the FY 13-14 budget, with only a slight decrease overall, mainly due to a decrease in employee benefits as a result of a reduction in workers' compensation expense. The workload for this division increased by approximately 1,000 reclaimed customers this year, but state regulations decreased the required frequency for back-flow replacement, so this decrease offset the increase in expenses, resulting in a budget similar to last fiscal year.

As is the case for all general employees, funding is included in the FY 14-15 budget for a 1.5% wage increase; health insurance premiums reflect a neutral position.

***PERFORMANCE OUTCOMES***

	FY 11-12 Actual	FY 12-13 Budget	FY 12-13 Amended Budget	FY 13-14 Budget	FY 14-15 Budget
<b><i>Input/Demand</i></b>					
Active potable water connections	12,618	12,900	13,300	13,300	13,000
Residential Backflow assemblies tested	1,952	2,050	2,050	2,050	2,000
Residential dual check devices	2,462	2,950	2,950	2,950	2,900
<b><i>Workload/Output</i></b>					
Total inspections completed	7,140	7,340	7,750	7,750	8,030
Residential dual checks repaired/changed out - reclaim irrigation	733	800	517	517	540
Residential dual checks repaired/changed out - well water irrigation	368	445	517	517	550
<b><i>Effectiveness/Service Quality</i></b>					
% Active water connections that have been surveyed or inspected	56.6%	56.9%	58.3%	58.3%	61.8%
% Residential backflow assemblies tested	99.8%	98.5%	89.2%	89.2%	100.0%
% Residential dual check repaired/changed out	37.7%	28.0%	24.9%	24.9%	28.4%
<b><i>Efficiency</i></b>					
Cost per work order (dual check and backflow assembly testing)	44.72	30.48	33.79	33.79	31.51

***PERSONNEL SUMMARY***

	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15
<b><i>Total</i></b>	2.00	2.00	1.00	1.00	1.00

# WASTEWATER COLLECTION & REUSE DISTRIBUTION 350I

## *DESCRIPTION*

Wastewater Collection is responsible for collecting an average of 500,000 gallons per day of wastewater from approximately 9,000 accounts. The City’s wastewater collection system utilizes 122 miles of sanitary sewer (both gravity and force main) and sixty-four (64) lift stations to handle an average production of 480 million gallons of wastewater.

The City presently relies on its own wastewater facility and a sewer agreement with Seminole County (at wholesale prices) that allows the City to pump wastewater into Seminole County’s transmission main, which is interconnected to the City of Orlando’s Iron Bridge Wastewater Treatment Facility.

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Budget	FY 13-14 Amended Budget	FY 14-15 Budget
<b>Salaries</b>	115,340	121,603	127,944	127,944	195,652
<b>Benefits</b>	39,258	39,311	40,181	40,181	49,136
<b>Operating</b>	777,990	806,125	797,792	938,492	1,080,807
<b>Capital</b>	-	-	-	-	-
<b>Total</b>	<b>932,588</b>	<b>967,039</b>	<b>965,917</b>	<b>1,106,617</b>	<b>1,325,595</b>

## *BUDGET HIGHLIGHTS*

The FY 14-15 budget increased partly due to an increase in operating expenses, caused by an overall increase in the payment to Seminole County for wastewater disposal services. The Northern Lift-Station Re-route Project has enabled the City to internalize some wastewater flows to the Oviedo Wastewater Reclamation Facility (OWRF) instead of paying Seminole County for contract disposal. The City consolidated all of the lift-stations from the Alafaya system into the Wastewater Collection department last year, and now has a total of 67 lift-stations, which includes 34 from the acquired Alafaya system, and 33 from the City's wastewater system. Although there was a significant decrease in expenses from internalizing the wastewater flows, this was offset by an increase in City operational costs due to an increase in new customers as a result of new developments. Another operating expense increase was for electricity, due to the utility billing reorganization which now correctly charges electricity expenses for all the lift stations throughout the City to the 3501 department. Salaries and benefits also increased slightly due to the realignment of one position to this department from the Wastewater Facility department 3503, and the addition of two new positions: a utility equipment operator and a maintenance worker II.

As is the case for all general employees, funding is included in the FY 14-15 budget for a 1.5% wage increase; health insurance premiums reflect a neutral position.

## *PERFORMANCE OUTCOMES*

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Budget	FY 13-14 Amended Budget	FY 14-15 Budget
<i>Input/Demand</i>					
Bulk Sewer transmission cost	626,965	701,721	516,087	516,087	421,000
<i>Workload/Output</i>					
Wastewater Transmission (per 1000 gallons)	181,192	180,391	128,700	128,700	102,036
# customers served	1,781	1,781	9,866	9,866	9,226
# lift stations in service	32	32	67	67	66
Linear feet of gravity sewer main	91,500	91,500	339,196	339,196	457,569
Linear feet of gravity main cleaned	29,000	0	60,000	60,000	25,000
Linear feet of force main	76,640	76,640	187,196	187,196	188,896
<i>Effectiveness/Service Quality</i>					
Average time to resolve complaint (hours)	2.00	3.00	3.00	3.00	3.00
# customer complaints	4.00	15.00	110.00	110.00	60.00
# sewer backups	4.00	15.00	110.00	110.00	100.00
# DEP violations	0	0	10.00	10.00	5.00
<i>Efficiency</i>					
Program cost per 1000 gallons	0	0	6.25	6.25	13.84
Transmission cost per customer served	0	0	52.31	52.31	45.63

## *PERSONNEL SUMMARY*

	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15
<i>Total</i>	3.00	3.00	3.00	3.00	6.00

# ALAFAYA WW & RECLAIMED WATER DISTRIBUTION 3503

## *DESCRIPTION*

The Wastewater Reclamation Facility is a 1.55 MGD (million gallons per day) permitted facility. It is a domestic wastewater treatment facility consisting of two extended aeration treatment (parallel) plants designed for a maximum of 1.2 MGD each. The plant facility includes a new master lift station; one mechanical bar screen; one surge tank with aeration from two surge blowers and surge pumps; two clarifiers; two 1.5 MGD filtration units; two aerobic digesters; and two reuse tanks totaling 2.5 MGD. The wastewater facility also operates two bio-solids sludge removal containers. The facility currently treats an average of 1.2 MGD of influent and produces about 1 MGD of reclaimed water.

*On August 24, 2010, City voters approved a charter amendment authorizing the issuance of \$36 million to purchase the assets of Alafaya Utilities and on September 15, 2010, the City closed on the financial transaction and began operations of the utility. This facility is regulated by permit from the Florida Department of Environmental Protection (FDEP).*

	FY 11-12 Actual	FY 12-13 Budget	FY 12-13 Amended Budget	FY 13-14 Budget	FY 14-15 Budget
<b>Salaries</b>	252,306	263,936	271,056	271,056	228,764
<b>Benefits</b>	71,677	75,578	76,930	76,930	63,739
<b>Operating</b>	1,092,916	1,061,752	1,227,847	1,075,252	938,705
<b>Capital</b>	-	-	8,500	21,095	-
<b>Total</b>	<b>1,416,899</b>	<b>1,401,266</b>	<b>1,584,333</b>	<b>1,444,333</b>	<b>1,231,208</b>

## *BUDGET HIGHLIGHTS*

The FY 14-15 overall budget decrease in this department is in large part due to the utility billing reorganization which has moved the charges for electricity expenses for all the City's lift stations to the Wastewater Collection department – 3501. Other operating expenses which decreased are repair & maintenance of equipment, which were budgeted in the R&R Fund – 406 this year, and chemicals and diesel fuel also decreased. Salaries and benefits decreased this fiscal year due to the realignment of one position from the Wastewater Facility 3503 to the Wastewater Collection & Reuse Department 3501.

As is the case for all general employees, funding is included in the FY 14-15 budget for a 1.5% wage increase; health insurance premiums reflect a neutral position.

## *PERFORMANCE OUTCOMES*

	FY 11-12 Actual	FY 12-13 Budget	FY 12-13 Amended Budget	FY 13-14 Budget	FY 14-15 Budget
<i>Input/Demand</i>					
Population	34,012	34,573	34,573	34,573	34,965
<i>Workload/Output</i>					
water produced (MG)	284	300	346	346	743
Reuse sold (MG)	453	456	398	398	855
Sludge Removal (wet tons)	2,734	2,252	2,562	2,562	10,000
Influent Per Quarter (MG)	438	440	436	436	928
<i>Effectiveness/Service Quality</i>					
Reuse redirected to ponds (MG)	105.1	140	122.0	122.0	180.0
Monitoring Well Violations	1.0	-	-	-	-
<i>Efficiency</i>					
Permitted capacity (MG) per day	1,535	1,535	1,535	1,535	2,400
% plant flow to permitted capacity	80.0%	79.0%	79.0%	79.0%	80.0%

## *PERSONNEL SUMMARY*

	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15
<i>Total</i>	5.00	4.50	5.50	5.50	4.50

**WATER/WASTEWATER UTILITY FUND (401)**

<b>Revenue</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>	<b>FY 17-18</b>	<b>FY 18-19</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>TOTAL</b>
Water/Wastewater Utility Funds (401)	417,500	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,317,500
<b>Total: Water/Wastewater Util. Improvements</b>	<b>417,500</b>	<b>100,000</b>	<b>1,317,500</b>								
<b>Expenditures</b>											
- SR426/W Mitchell Hammock Main Upgrade	150,000	-	-	-	-	-	-	-	-	-	150,000
- 12" Main from Water Treatment Plant North	135,000	-	-	-	-	-	-	-	-	-	135,000
- 10" Loop to Shane Kelly Park	32,500	-	-	-	-	-	-	-	-	-	32,500
Contingency	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,000,000
<b>Total: Water/Wastewater Util. Improvements</b>	<b>417,500</b>	<b>100,000</b>	<b>1,317,500</b>								



CAPITAL IMPROVEMENT REQUEST FORM

FY: 2014-2015

PRIORITY:

PROJECT TITLE: SR426/Mitchell Hammock Main Upgrade

PROJECT LOCATION:

SR 426/Mitchell Hammock

PROJECT DESCRIPTION:

Capital projects to expand water service mains or increase service levels are required by system growth or development improvements. These projects are typically funded with impact fees, as described in the 2014 Master Water Plan Update.

JUSTIFICATION/COMMENTS:

SR 426/W Mitchell Hammock Turn Lan conflict 16" to 20". Increase water pipe size with road construction project to support growth.

EXPENDITURE SCHEDULE:

<u>Project Cost Elements</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
Main Upgrade	150,000	-	-	-	-	-	-	-	-	-	150,000
<b>TOTAL</b>	<b>150,000</b>	<b>-</b>	<b>150,000</b>								

FUNDING SCHEDULE:

<u>Source of Funding</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
Water/Wastewater Utility Fund (401)	150,000	-	-	-	-	-	-	-	-	-	150,000
<b>TOTAL</b>	<b>150,000</b>	<b>-</b>	<b>150,000</b>								

## CAPITAL IMPROVEMENT REQUEST FORM

**FY:** 2014-2015

**PRIORITY:**

**PROJECT TITLE:** Water Production Improvements

**PROJECT LOCATION:** Mitchell Hammock Water Plant

**PROJECT DESCRIPTION:**

Construct redundant 12 inch water main to ensure a reliable water distribution system

**JUSTIFICATION/COMMENTS:**

To maintain a growing utility system the Master Water Plan identifies that additional water storage will be needed in the future. The water storage is part of the water treatment process, as it provides disinfectant contact time. As water demands grow, more storage will be needed to meet peak disinfectant storage time. Uninterrupted water distribution to the City water customers is also important. Currently there is only one 35 inch supply line leaving the treatment plant. A 12 inch main to Central Blvd. will improve water transmission efficiency and reliability.

New capital improvements to support water treatment system is identified and justified in this request form. All of the equipment requests presented are identified in the 2014 Master Water Plan to maintain a high state of permit compliance for the potable water production and transmission in an efficient manner.

**EXPENDITURE SCHEDULE:**

<u>Project Cost Elements</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
12 inch Trans Main	135,000	-	-	-	-	-	-	-	-	-	135,000
<b>TOTAL</b>	135,000	-	-	-	-	-	-	-	-	-	135,000

**FUNDING SCHEDULE:**

<u>Source of Funding</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
401 Water/Wastewater Utility Fund	135,000	-	-	-	-	-	-	-	-	-	135,000
<b>TOTAL</b>	135,000	-	-	-	-	-	-	-	-	-	135,000



CAPITAL IMPROVEMENT REQUEST FORM

FY: 2014-2015

PRIORITY:

PROJECT TITLE: Water Main Loop

PROJECT LOCATION: Shane Kelly Park Area

PROJECT DESCRIPTION:

NE 10" Loop to provide conductivity to NorthEast water main system to improve water quality to dead end around Shane Kelly Park.

JUSTIFICATION/COMMENTS:

Capital projects to expand water service mains or increase service levels are required by system growth or development improvements. These projects are typically funded with impact fees, as described in the 2014 Master Water Plan Update.

EXPENDITURE SCHEDULE:

<u>Project Cost Elements</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
10" Loop connector	32,500	-	-	-	-	-	-	-	-	-	32,500
<b>TOTAL</b>	<b>32,500</b>	<b>-</b>	<b>32,500</b>								

FUNDING SCHEDULE:

<u>Source of Funding</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
Water/Wastewater Utility Fund (401)	32,500	-	-	-	-	-	-	-	-	-	32,500
<b>TOTAL</b>	<b>32,500</b>	<b>-</b>	<b>32,500</b>								

# Reclaimed Water System Construction Fund (402)

## Revenues

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
SJRWMD	396,164	-	-	39,444	-
INVESTMENTS	(677)	(990)	-	-	-
CHANGE IN FAIR VALUE-INV	283	334	-	-	-
UTILITY FUND	-	-	-	59,166	-
DEBT PROCEEDS	-	-	-	-	-
TOTAL REVENUE	395,770	(656)	-	98,610	-
PRIOR YEAR BUDGETARY C/F	-	-	-	1,528,745	-
<i>Total Revenues</i>	<b>395,770</b>	<b>(656)</b>	-	<b>1,627,355</b>	-

## Expenditures

OTHER PROFESSIONAL SVCS	138,559	192,319	-	-	-
	-	-	-	98,610	-
TOTAL OPERATING EXPENDITURES	138,559	192,319	-	98,610	-
CIVIL ENGINEERS	14,565	-	-	-	-
RECLAIMED WATER LINES	1,117,682	198,280	-	1,528,745	-
KINGSBRIDGE ROAD RESURFACING	-	-	-	-	-
TOTAL CAPITAL	1,132,247	198,280	-	1,528,745	-
CONTINGENCY	-	-	-	-	-
<i>Total Expenditures</i>	<b>1,270,806</b>	<b>390,599</b>	-	<b>1,627,355</b>	-

**RECLAIMED WATER SYSTEM CONST FUND (402)**

<b>Revenue</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>	<b>FY 17-18</b>	<b>FY 18-19</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>TOTAL</b>
Reclaimed Water Construction Fund	-	-	-	-	-	305,000	-	-	-	-	305,000
Grant Funded (St. Johns)	-	-	-	-	-	-	-	-	-	-	-
Unfunded	-	-	-	-	-	-	265,000	2,383,859	1,620,905	2,608,842	6,878,606
<b>Total: Reclaimed Water System Const. Fund</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>305,000</b>	<b>265,000</b>	<b>2,383,859</b>	<b>1,620,905</b>	<b>2,608,842</b>	<b>7,183,606</b>

<b>Expenditures</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>	<b>FY 17-18</b>	<b>FY 18-19</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	
<b>Reclaimed System Infrastructure</b>											
<b>Waverly Woods/Kingsbridge East Reclaimed Interconnect</b>											
- Design	-	-	-	-	-	30,000	-	-	-	-	30,000
- Construction	-	-	-	-	-	250,000	-	-	-	-	250,000
- CEI	-	-	-	-	-	25,000	-	-	-	-	25,000
<b>Twin Rivers Remainder Retrofit-Phase 1</b>											
- Design	-	-	-	-	-	-	265,000	-	-	-	265,000
- Construction	-	-	-	-	-	-	-	2,183,859	-	-	2,183,859
- CEI	-	-	-	-	-	-	-	200,000	-	-	200,000
<b>Twin Rivers Remainder Retrofit-Phase 11</b>											
- Post design	-	-	-	-	-	-	-	-	20,000	-	20,000
- Construction	-	-	-	-	-	-	-	-	1,455,905	-	1,455,905
- CEI	-	-	-	-	-	-	-	-	145,000	-	145,000
<b>Riverside Reclaimed Retrofit</b>											
- Post Design	-	-	-	-	-	-	-	-	-	287,740	287,740
- Construction	-	-	-	-	-	-	-	-	-	2,110,093	2,110,093
- CEI	-	-	-	-	-	-	-	-	-	211,009	211,009
<b>Sub Total: Reclaimed System Infrastructure</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>305,000</b>	<b>265,000</b>	<b>2,383,859</b>	<b>1,620,905</b>	<b>2,608,842</b>	<b>7,183,606</b>
<b>Total: Reclaimed Water System Const. Fund</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>305,000</b>	<b>265,000</b>	<b>2,383,859</b>	<b>1,620,905</b>	<b>2,608,842</b>	<b>7,183,606</b>

OVIEDO  
*Florida*



**CAPITAL IMPROVEMENT REQUEST FORM**

**FY:** 2014-2015

**PRIORITY:**

**PROJECT TITLE:** Reclaimed System

**PROJECT LOCATION:** Utility System

**PROJECT DESCRIPTION:**

A Master Reclaimed Water Plan has been developed to help create a sustainable water resources for the City Utility. The City has established a reclaimed system over the last 5 years. As described in the 2011 Master Reclaimed Plan and 2014 Master Water Plan, reclaimed water helps creates a sustainable water resource by reducing potable water use in yards and recharge the Floridan drinking water aquifer. The Master Plans also describe future reclaimed expansions that may be required to maintain a sustainable water sytem.

**JUSTIFICATION/COMMENTS:**

The City balances groundwater and reclaimed water resources have been creatively combined to deliver a sustainable water resource for the community.

With planned expansions, the City utility currently supplies its 12,5000 water customers with approximately 4,000 reclaimed servcies or 1/4 of its user base, reaching a sustainable balance of water resources.

Oviedo is under mandate from the SJRWMD to maintain water sustainability level. Because landscape irrigation is the primary factor contributing to potable water demand, the City is required to expand reclaimed water as needed to maintain a sustainable water system.

New developments with in the established reclaimed service areas will continue to economically grow the City's reclaimed water system. The City may also expand reclaimed services in the commercial corridors.

Future reclaimed projects, as the Twin Rivers & Riverside projects listed in the Master Reclaimed Plan are not currently funded and will require additional SRF funding to construct and implement under the current Utility Rate structure.

**EXPENDITURE SCHEDULE:**

<u>Project Cost Elements</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
<b>Waverlee/Kingsbridge Interconnect</b>											
Design	-	-	-	-	-	30,000	-	-	-	-	30,000
Construction	-	-	-	-	-	250,000	-	-	-	-	250,000
CEI	-	-	-	-	-	25,000	-	-	-	-	25,000
<b>Twin Rivers</b>											
Design	-	-	-	-	-	-	265,000	-	-	-	265,000
<b>Twin Rivers Ph 1</b>											
Construction	-	-	-	-	-	-	-	2,183,859	-	-	2,183,859
CEI	-	-	-	-	-	-	-	200,000	-	-	200,000
<b>Twin Rivers Ph 2</b>											
Post Design	-	-	-	-	-	-	-	-	20,000	-	20,000
Construction	-	-	-	-	-	-	-	-	1,455,905	-	1,455,905
CEI	-	-	-	-	-	-	-	-	145,000	-	145,000
<b>Riverside Retrofit</b>											
Post Design	-	-	-	-	-	-	-	-	-	287,740	287,740
Construction	-	-	-	-	-	-	-	-	-	2,110,093	2,110,093
CEI	-	-	-	-	-	-	-	-	-	211,009	211,009
<b>TOTAL</b>	-	-	-	-	-	305,000	265,000	2,383,859	1,620,905	2,608,842	7,183,606

**FUNDING SCHEDULE:**

<u>Source of Funding</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
402 WW Construction Fund (SRF Loan)	-	-	-	-	-	305,000	265,000	2,383,859	1,620,905	2,608,842	7,183,606
<b>TOTAL</b>	-	-	-	-	-	305,000	265,000	2,383,859	1,620,905	2,608,842	7,183,606

# *Utility Revenue Bond/SRF Sinking Fund (403)*

## *Revenues*

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
UTILITY FUND	4,233,560	3,994,851	4,238,811	1,961,257	4,000,995
WATER IMPACT FEES	-	234,029	-	-	231,349
SEWER IMPACT FEES	-	40,975	-	-	40,506
TOTAL REVENUE	4,233,560	4,269,855	4,238,811	1,961,257	4,272,850
<i>Total Revenues</i>	<b>4,233,560</b>	<b>4,269,855</b>	<b>4,238,811</b>	<b>1,961,257</b>	<b>4,272,850</b>

## *Expenditures*

DEPRECIATION	927,387	1,011,695	-	-	-
TOTAL OPERATING EXPENDITURES	927,387	1,011,695	-	-	-
2014 UTILITY REF REV BOND	-	-	-	-	106,000
2003, GOB/LMTD AD VALOREM	-	-	170,000	85,000	-
GENERATOR LEASE	-	-	87,271	87,271	90,619
SRF LOAN - 2006	-	-	168,541	168,541	173,139
2007 REVENUE BONDS	-	-	162,000	-	162,000
PERFORM CONTRACT SIEMENS	-	-	233,778	233,778	241,675
SRF LOAN - 2012	-	-	-	-	214,218
2010A UTIL REV BONDS T/E	-	-	535,000	-	535,000
2004 UTILITY REFUND 1996	-	-	250,000	-	250,000
2014 UTILITY REF REV BOND	-	-	-	-	244,829
2003, GOB/LMTD AD VALOREM	351,319	346,669	341,669	170,834	-
GENERATOR LEASE	12,268	9,163	5,939	5,939	2,591
SRF LOAN - 2006	77,325	72,486	69,005	69,005	64,406
2007 REVENUE BONDS	124,794	119,004	112,982	56,491	109,856
PERFORM CONTRACT SIEMENS	72,599	63,583	57,618	57,618	49,710
2010A UTIL REV BONDS T/E	118,813	108,413	97,813	48,907	92,463
2010B UTIL REV BONDS BABS	1,784,472	1,784,470	1,784,472	892,236	1,784,472
2004 UTILITY REFUND 1996	171,410	163,773	154,173	77,087	149,172
2003,GOB,LMTD AD VALOREM	-	2,400	-	-	-
2008 REVENUE BONDS	-	4,200	-	-	-
2010A UTIL REV BONDS T/E	-	-	3,000	3,000	1,200
2010B UTIL REV BONDS BABS	-	-	3,000	3,000	1,200
2004 UTILITY REFUND 1996	300	4,350	2,550	2,550	300
AMORT. OF DISCOUNT	(3,171)	(4,316)	-	-	-
TOTAL DEBT PAYMENTS	2,710,129	2,674,195	4,238,811	1,961,257	4,272,850
<i>Total Expenditures</i>	<b>3,637,516</b>	<b>3,685,890</b>	<b>4,238,811</b>	<b>1,961,257</b>	<b>4,272,850</b>

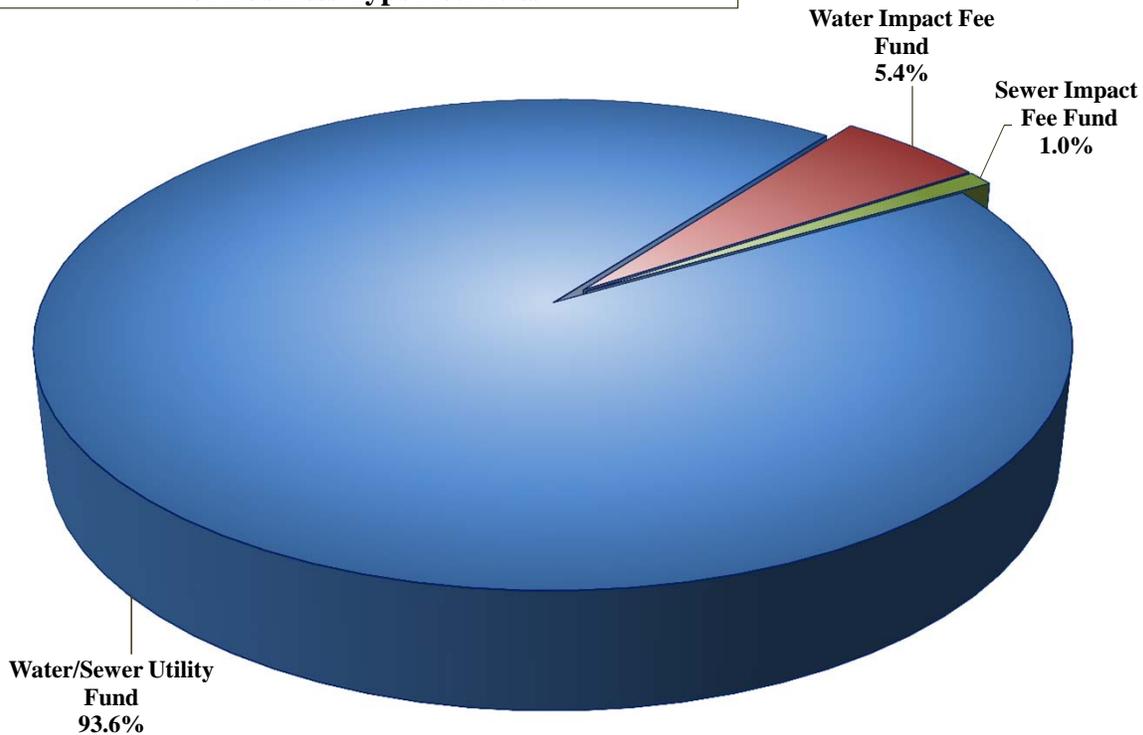
# Schedule of Debt Service Requirements, Business Type Activities

	FY 2014/15 Debt Service Requirements	Percent of Total Debt Service Requirement	Total Debt Service Requirements		
			Principal Outstanding 10/1/2014	Total Interest to Maturity at 10/1/2014	Requirements to Maturity
<b>Business Type Activities:</b>					
<i>Revenue Notes Supported by Enterprise Funds</i>					
Utility Revenue Note Series 2007	271,856	6.36%	2,927,000	859,796	3,786,796
Utility Refunding Revenue Note Series 2014	350,829	8.21%	8,054,000	3,181,114	11,235,114
<i>Revenue Bonds Supported by Enterprise Funds</i>					
Utility Revenue Refunding Bonds Series 2004	399,172	9.34%	3,745,000	1,013,069	4,758,069
Utility Revenue Bonds Series 2010A	627,463	14.68%	4,030,000	380,300	4,410,300
Utility Revenue Bonds Series 2010B	1,784,472	41.76%	30,820,000	36,025,770	66,845,770
<i>Notes Payable</i>					
State Revolving Fund Loan Series 2006	237,545	5.56%	2,419,617	430,930	2,850,547
State Revolving Fund Loan Series 2012	214,218	5.01%	3,101,948	-	3,101,948
<i>Leases</i>					
Generator Lease	93,210	2.18%	90,619	2,591	93,210
Siemens Lease	291,385	6.82%	1,578,323	169,985	1,748,308
<i>Debt Service Costs</i>					
Arbitrage	2,400	0.06%	-	-	-
Other Debt Service Costs	300	0.01%	-	-	-
<b>Total Business Type Activities</b>	<b>\$ 4,272,850</b>	<b>100.00%</b>	<b>\$ 56,766,507</b>	<b>\$ 42,063,555</b>	<b>\$ 98,830,062</b>

**Budget Guidelines:**

	Actual	Guideline	Income Available for Debt Service
Debt Service coverage should be a minimum of 125% in the Water/Wastewater Fund	290.58%	>125%	12,416,250

**FY 2014-15 Revenue Sources for Debt Service Payments  
for Business Type Activities**



*Debt Service Requirements to Maturity  
Business Type Activities Bonds/Notes*

Name:	<u>2004 Utility Revenue Bond</u>		<u>2007 Utility Revenue Bond</u>		<u>2010A Utility Revenue Bond</u>	
Fiscal Year Ending Sept. 30,	<u>Principal</u>	<u>Interest</u>	<u>Principal</u>	<u>Interest</u>	<u>Principal</u>	<u>Interest</u>
2015	250,000	149,174	162,000	109,856	535,000	92,463
2016	260,000	138,973	168,000	103,487	555,000	81,563
2017-2021	1,460,000	527,463	941,000	413,194	2,940,000	206,274
2022-2026	1,775,000	197,459	1,138,000	213,072	-	-
2027-2031	-	-	518,000	20,187	-	-
2032-2040	-	-	-	-	-	-
	<b>\$ 3,745,000</b>	<b>\$ 1,013,069</b>	<b>\$ 2,927,000</b>	<b>\$ 859,796</b>	<b>\$ 4,030,000</b>	<b>\$ 380,300</b>
<b>Issue Amount:</b>	5,360,000		3,752,000		5,080,000	
<b>Term:</b>	20 Years (Matures in 2025)		20 Years (Matures in 2027)		10 Years (Matures in 2020)	
<b>Revenue Pledged:</b>	Net revenues (gross revenues minus cost of O&M) of the Water and Sewer System		Net revenues (gross revenues minus cost of O&M) of the Water and Sewer System		Net revenues (gross revenues minus cost of O&M) of the Water and Sewer System	
<b>Purpose:</b>	Refunding of the 1996 Utility Revenue Bonds used to finance the design, permitting acquisition and construction of Phase I and II of the water system master plan.		Finance the cost of the design, permitting, acquisition and construction of the sewer line extension of SR 426 and water main installation along Mitchell Hammock Road.		Finance the cost to acquire and make improvements to the Alafaya Wastewater and Reclaimed Water Utility System.	

*Debt Service Requirements to Maturity  
Business Type Activities Bonds/Notes*

Name:	<i>2010B Utility Revenue Bond</i>		<i>2014 Utility Revenue Bond</i>		<i>SRF 2006</i>	
Fiscal Year Ending Sept. 30,	Principal	Interest	Principal	Interest	Principal	Interest
2015	-	1,784,472	106,000	244,829	173,139	64,406
2016	-	1,784,472	195,000	245,721	177,863	59,683
2017-2021	-	8,922,359	1,089,000	1,130,227	964,809	222,919
2022-2026	3,425,000	8,503,568	1,262,000	946,230	1,103,807	83,921
2027-2031	4,785,000	7,443,082	3,731,000	561,350	-	-
2032-2040	22,610,000	7,587,817	1,671,000	52,757	-	-
	<b>\$ 30,820,000</b>	<b>\$ 36,025,770</b>	<b>\$ 8,054,000</b>	<b>\$ 3,181,114</b>	<b>\$ 2,419,618</b>	<b>\$ 430,929</b>
<b>Issue Amount:</b>	30,820,000		8,054,000		3,656,548	
<b>Term:</b>	30 Years (Matures in 2030)		18 Years (Matures in 2032)		20 Years (Matures in 2026)	
<b>Revenue Pledged:</b>	Net revenues (gross revenues minus cost of O&M) of the Water and Sewer System		Net revenues derived from operation of water/sewer system and impact fees imposed on new users connecting to the utility system.		Gross revenues derived yearly from the operation of the Water and Sewer Systems after payment of the Operation and Maintenance expenses and the satisfaction of any senior obligations.	
<b>Purpose:</b>	Finance the cost to acquire and make improvements to the Alafaya Wastewater and Reclaimed Water Utility System.		Refunded the 2003 Utility Revenue Bonds which financed the cost of the design, permitting, acquisition and construction of the Mitchell Hammock Water Treatment Plant.			

*Debt Service Requirements to Maturity  
Business Type Activities Bonds/Notes*

Name:	<u>SRF 2012</u>		Total Business Type Activity Debt
Fiscal Year Ending Sept. 30,	Principal	Interest	
2015	214,218	-	3,885,557
2016	214,218	-	3,983,980
2017-2021	1,071,090	-	19,888,335
2022-2026	1,071,090	-	19,719,147
2027-2031	531,332	-	17,589,951
2032-2040	-	-	31,921,574
	<b>\$ 3,101,948</b>	<b>\$ -</b>	<b>\$ 96,988,544</b>

**Issue Amount:** 3,101,948

**Term:** 15 Years (Matures in 2026)

**Revenue Pledged:** Gross revenues derived yearly from the operation of the Water and Sewer Systems after payment of the Operation and Maintenance expenses and the satisfaction of any senior obligations.

**Purpose:** To finance construction of the City's reclaimed water facilities project.

*Debt Service Requirements to Maturity*  
*Business Type Activities Leases*

Name:	<u>Siemens Lease</u>		<u>Equipment Leases</u>			<u>Total</u>
<u>Fiscal Year Ending</u> <u>Sept. 30,</u>	<u>Principal</u>	<u>Interest</u>	<u>Principal</u>	<u>Interest</u>	<u>Total Leases</u>	<u>Business Type</u> <u>Activity Debt</u>
2015	241,675	49,710	90,619	2,591	384,595	4,270,152
2016	249,848	41,536	-	-	291,384	4,275,364
2017-2021	1,086,800	78,739	-	-	1,165,539	21,053,874
2022-2026	-	-	-	-	-	19,719,147
2027-2031	-	-	-	-	-	17,589,951
2032-2040	-	-	-	-	-	31,921,574
	<u>\$ 1,578,323</u>	<u>\$ 169,985</u>	<u>\$ 90,619</u>	<u>\$ 2,591</u>	<u>\$ 1,841,518</u>	<u>\$ 98,830,062</u>
<b>Issue Amount:</b>	3,509,107		769,461			
<b>Term:</b>	10 Years (Matures in 2020)		15 Years (Matures in 2015)			
<b>Revenue Pledged:</b>	The assets of the energy improvements and the meters serve as collateral for the lease purchase.		No pledged revenues			
<b>Purpose:</b>	Financing for the cost of various facility energy improvements including labor, materials and audit costs. Also includes the installation of radio read meters throughout the City's utility system.		To fund the cost of a generator for the Mitchell Hammock Water Treatment Plan.			

## *Water/Wastewater R & R Fund (406)*

### *Revenues*

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
INVESTMENTS	21,041	13,397	16,000	16,000	13,000
CHANGE IN FAIR VALUE-INV	(1,156)	(4,458)	-	-	-
DEUTSCHE BANK - DIVIDENDS	52	10	-	-	-
UTILITY FUND	615,453	615,453	612,300	612,300	405,790
EQUITY TRX	-	-	-	-	-
<b>TOTAL REVENUE</b>	<b>635,390</b>	<b>624,402</b>	<b>628,300</b>	<b>628,300</b>	<b>418,790</b>
PRIOR YEAR BUDGETARY C/F	-	-	-	456,488	1,009,960
<b>Total Revenues</b>	<b>635,390</b>	<b>624,402</b>	<b>628,300</b>	<b>1,084,788</b>	<b>1,428,750</b>

### *Expenditures*

PLANT EQUIPMENT	-	26,403	287,000	283,500	296,750
WATER LINES	27,758	-	-	65,000	-
REPAIR AND MAINT/OTHER	-	24,080	-	2,163	-
LIFT STATIONS EQUIP	27,777	42,059	76,500	282,854	65,000
METERS/FITTINGS	-	205,204	90,000	110,050	135,000
<b>TOTAL OPERATING EXPENDITURES</b>	<b>55,535</b>	<b>297,746</b>	<b>453,500</b>	<b>743,567</b>	<b>496,750</b>
DEPRECIATION	261,029	363,131	-	-	-
WATER LINES	-	15,082	-	-	75,000
SEWER LINES	-	-	61,000	61,000	185,000
LIFT STATION EQUIPMENT	-	53,987	-	-	337,000
OTHER IMPROV OTHER BLDGS	178,368	-	113,800	113,800	164,000
MACHINERY & EQUIPMENT	-	-	-	108,546	121,000
METER REPLACEMENTS	-	-	-	-	-
OTHER MACHINERY & EQUIP	-	25,425	-	57,875	-
CIVIL ENGINEERS	-	-	-	-	-
<b>TOTAL CAPITAL</b>	<b>178,368</b>	<b>94,494</b>	<b>174,800</b>	<b>341,221</b>	<b>882,000</b>
GENERAL FUND	55,162	52,800	-	-	-
WATER & SEWER FUND	67,607	-	-	-	-
EQUITY TRX	-	-	-	-	-
<b>TOTAL INTERFUND TRANSFERS</b>	<b>122,769</b>	<b>52,800</b>	<b>-</b>	<b>-</b>	<b>-</b>
RESERVE FOR CONTINGENCIES	-	-	-	-	50,000
<b>Total Expenditures</b>	<b>617,701</b>	<b>808,171</b>	<b>628,300</b>	<b>1,084,788</b>	<b>1,428,750</b>

**WATER/WASTEWATER R & R FUND (406)**

<b>Revenue</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>	<b>FY 17-18</b>	<b>FY 18-19</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>TOTAL</b>
Renewal & Replacement Fund	1,428,750	1,141,750	566,750	587,000	426,750	486,750	436,750	441,750	446,750	451,750	6,414,750
<b>Total Revenues</b>	<b>1,428,750</b>	<b>1,141,750</b>	<b>566,750</b>	<b>587,000</b>	<b>426,750</b>	<b>486,750</b>	<b>436,750</b>	<b>441,750</b>	<b>446,750</b>	<b>451,750</b>	<b>6,414,750</b>
<b>Expenditures</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>	<b>FY 17-18</b>	<b>FY 18-19</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>TOTAL</b>
<b>Renewal and Replacement Projects - Distribution System</b>											
- Fire Hydrants	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	280,000
- Commercial Meter Maintenance- Replacements	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	350,000
- Residential Meter Maintenance - Replacements	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	750,000
- Valve Hot-taps	41,250	41,250	41,250	41,250	41,250	41,250	41,250	41,250	41,250	41,250	412,500
- Pipe conflict remediation	75,000	-	-	-	-	-	-	-	-	-	75,000
- Boxes and Fittings	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
<b>Sub Total: Renewal &amp; Replacement Projects - Dist. Sys.</b>	<b>279,250</b>	<b>204,250</b>	<b>204,250</b>	<b>204,250</b>	<b>204,250</b>	<b>204,250</b>	<b>204,250</b>	<b>204,250</b>	<b>204,250</b>	<b>204,250</b>	<b>2,117,500</b>
<b>Renewal and Replacement Projects - Water Plant</b>											
- Paint Buildings	25,500	-	-	-	-	-	-	-	-	-	25,500
- Upgrade Security System	47,000	-	-	-	-	-	-	-	-	-	47,000
- General Repair and Maintenance	65,000	67,500	70,000	72,500	75,000	77,500	80,000	82,500	85,000	87,500	762,500
<b>Sub Total: Renewal and Replacement - Water Plant</b>	<b>137,500</b>	<b>67,500</b>	<b>70,000</b>	<b>72,500</b>	<b>75,000</b>	<b>77,500</b>	<b>80,000</b>	<b>82,500</b>	<b>85,000</b>	<b>87,500</b>	<b>835,000</b>
<b>Renewal and Replacement Projects - Wastewater System</b>											
- SCADA (Lift Stations)	75,000	-	-	-	-	-	-	-	-	-	75,000
- Lift Station Rehab	180,000	-	-	-	-	-	-	-	-	-	180,000
- Lift Station Repair and Maintenance	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	650,000
- Mall Flow Meter	65,000	-	-	-	-	-	-	-	-	-	65,000
- Electric Panel Upgrades	82,000	-	-	-	-	-	-	-	-	-	82,000
- Replace 10" Live Oak Main	45,000	300,000	-	-	-	-	-	-	-	-	345,000
- Repipe/R&I Program	140,000	-	-	-	-	-	-	-	-	-	140,000
<b>Sub Total: Renewal and Replacement W/W System</b>	<b>652,000</b>	<b>365,000</b>	<b>65,000</b>	<b>1,537,000</b>							
<b>Renewal and Replacement Projects - Wastewater Plant</b>											
- Repair and Maintenance	135,000	75,000	77,500	80,000	82,500	85,000	87,500	90,000	92,500	95,000	900,000
- Process Control Automation	89,000	-	-	-	-	-	-	-	-	-	89,000
- Air Diffuser Upgrades	56,000	-	-	-	-	-	-	-	-	-	56,000
- Blower Upgrades	-	430,000	150,000	-	-	-	-	-	-	-	580,000
- Convert Chlorine Contact Tank	-	-	-	63,250	-	-	-	-	-	-	63,250
- Add VFD Reclaimed Pump	-	-	-	102,000	-	-	-	-	-	-	102,000
- E,W & GST #1 Painting	30,000	-	-	-	-	-	-	-	-	-	30,000
- Replace Tractor	-	-	-	-	-	55,000	-	-	-	-	55,000
<b>Sub Total: Renewal and Replacement W/W Plant</b>	<b>310,000</b>	<b>505,000</b>	<b>227,500</b>	<b>245,250</b>	<b>82,500</b>	<b>140,000</b>	<b>87,500</b>	<b>90,000</b>	<b>92,500</b>	<b>95,000</b>	<b>1,875,250</b>
<b>Contingency</b>	<b>50,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>50,000</b>
<b>Total: Water/Wastewater R&amp;R Fund</b>	<b>1,428,750</b>	<b>1,141,750</b>	<b>566,750</b>	<b>587,000</b>	<b>426,750</b>	<b>486,750</b>	<b>436,750</b>	<b>441,750</b>	<b>446,750</b>	<b>451,750</b>	<b>6,364,750</b>



**CAPITAL IMPROVEMENT REQUEST FORM**

**FY:** 2014-2015

**PRIORITY:**

**PROJECT TITLE:** System

**PROJECT LOCATION:** Entire system

**PROJECT DESCRIPTION:** Renewal and Replacement of Infrastructure and Equipment for Utility System

**JUSTIFICATION/COMMENTS:** R&R includes anticipated annual renewal and replacement based on experience or useful life evaluation.  
Also includes funds for repair or replacement of infrastructure and equipment that is currently in good working order, but in window failure.

**EXPENDITURE SCHEDULE:**

<u>Project Cost Elements</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
<b><u>Collections: 3501</u></b>											
Lift Station Rehab	180,000	(Per master Wastewater Plan)									180,000
Mall Flow Meter	65,000	(Flume Meter system to replace est. gravity sewer measurement)									65,000
Upgrade LS Scada O sys	75,000	(26 Sci-Text units)									75,000
Elect panel Upgrades	82,000	(@ 2Large Panels)									82,000
Repipe/R&I Prog	140,000	(@ 2 Large Stations)									140,000
LS Repair & Maint	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	65,000	650,000
Replace 10" Live Oak Main	45,000	300,000									345,000
<b><u>Distribution 3303</u></b>											
Meter Maint (Res)	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	750,000
Com. Meters Maint	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	350,000
Hydrant Maint & Rep.	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	280,000
Valve/Hot-taps	41,250	41,250	41,250	41,250	41,250	41,250	41,250	41,250	41,250	41,250	412,500
Pipe Conflict Remediation	75,000	remediate pipes in ROW's)									75,000
Box and Fittings	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	250,000
<b><u>Wastewater Plant 3503</u></b>											
Repair and Maint	135,000	75,000	77,500	80,000	82,500	85,000	87,500	90,000	92,500	95,000	900,000
Process Cont/Automation	89,000	cess control to treatment									89,000
Air Difuser Upgrades	56,000	(To improve DO efficiency)									56,000
Blower Upgrades		430,000	150,000	(2 initial VFD Blowers with Elec with 3 in next yr.....			Electric cost will be reduced with efficie			580,000	
Convert Chol Contact Tank				63,250						63,250	
Add VFD Reclaimed Pump				102,000			(Add Reclaimed Pump to improve pressures)			102,000	
E,W&GST # 1 Painting	30,000										30,000
Replace Tractor						55,000					55,000
<b><u>Water Plant 3302</u></b>											
Paint Buildings	25,500	(Paint Building to weather proof help weather proof electronics)									25,500
Upgrade Security system	47,000	system)									47,000
Rep & Maint	65,000	67,500	70,000	72,500	75,000	77,500	80,000	82,500	85,000	87,500	762,500
<b>TOTAL</b>	<b>1,378,750</b>	<b>1,141,750</b>	<b>566,750</b>	<b>587,000</b>	<b>426,750</b>	<b>486,750</b>	<b>436,750</b>	<b>441,750</b>	<b>446,750</b>	<b>451,750</b>	<b>6,364,750</b>

**FUNDING SCHEDULE:**

<u>Source of Funding</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
R & R Fund (406)	1,378,750	1,141,750	566,750	587,000	426,750	486,750	436,750	441,750	446,750	451,750	6,364,750
<b>TOTAL</b>	<b>1,378,750</b>	<b>1,141,750</b>	<b>566,750</b>	<b>587,000</b>	<b>426,750</b>	<b>486,750</b>	<b>436,750</b>	<b>441,750</b>	<b>446,750</b>	<b>451,750</b>	<b>6,364,750</b>

# *Vehicle and Equipment Replacement Fund (407)*

## *Revenues*

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
GENERAL CHARGES FOR SERVICES	-	-	-	-	82,969
INVESTMENTS	3,766	2,116	3,000	3,000	2,100
CHANGE IN FAIR VALUE-INV	(84)	(722)	-	-	-
UTILITY FUND	107,471	38,773	42,928	42,928	113,369
<b>TOTAL REVENUE</b>	<b>111,153</b>	<b>40,167</b>	<b>45,928</b>	<b>45,928</b>	<b>198,438</b>
PRIOR YEAR BUDGETARY C/F	-	-	(20,428)	(20,428)	378,107
<b>Total Revenues</b>	<b>111,153</b>	<b>40,167</b>	<b>25,500</b>	<b>25,500</b>	<b>576,545</b>

## *Expenditures*

MAINTENANCE ON VEHICLES					
DEPRECIATION	45,642	41,387	-	-	-
<b>TOTAL OPERATING EXPENDITURES</b>	<b>45,642</b>	<b>41,387</b>	<b>-</b>	<b>-</b>	<b>-</b>
VEHICLES	147,583	-	25,500	25,500	495,750
OTHER MACHINERY & EQUIP	-	-	-	-	58,000
VEHICLES					
<b>TOTAL CAPITAL</b>	<b>147,583</b>	<b>-</b>	<b>25,500</b>	<b>25,500</b>	<b>553,750</b>
VEHICLE REPLACEMENT FUND	-	38,773	-	-	-
WATER & SEWER FUND	-	-	-	-	-
<b>TOTAL INTERFUND TRANSFERS</b>	<b>-</b>	<b>38,773</b>	<b>-</b>	<b>-</b>	<b>-</b>
RESERVE FOR CONTINGENCIES	-	-	-	-	22,795
<b>Total Expenditures</b>	<b>193,225</b>	<b>80,160</b>	<b>25,500</b>	<b>25,500</b>	<b>576,545</b>

**VEHICLE & EQUIPMENT REPLACEMENT FUND (407)**

<b>Revenue</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>	<b>FY 17-18</b>	<b>FY 18-19</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>TOTAL</b>
Vehicle Replacement Fund (407)	553,750	21,000	72,000	300,500	78,000	88,000	150,000	110,000	-	25,000	1,398,250
<b>Total: Vehicle &amp; Equipment Replacement</b>	<b>553,750</b>	<b>21,000</b>	<b>72,000</b>	<b>300,500</b>	<b>78,000</b>	<b>88,000</b>	<b>150,000</b>	<b>110,000</b>	<b>-</b>	<b>25,000</b>	<b>1,398,250</b>

**Expenditures**

**Vehicle/Equipment Replacement**

- Vac Con Truck	298,750	-	-	-	-	-	-	-	-	-	298,750
- Roll-Off Truck	-	-	-	225,000	-	-	-	-	-	-	225,000
- Utility Truck	136,000	21,000	72,000	-	-	30,000	75,000	80,000	-	-	414,000
- Utility Truck - Water (to haul valve turner)	33,000	-	-	-	-	-	-	-	-	-	33,000
- Pick-up Truck	-	-	-	75,500	78,000	58,000	75,000	-	-	25,000	311,500
- Ford Explorer	-	-	-	-	-	-	-	30,000	-	-	30,000
- Dewater Box	28,000	-	-	-	-	-	-	-	-	-	28,000
- Valve Turner	58,000	-	-	-	-	-	-	-	-	-	58,000

<b>SubTotal: Vehicle/Equipment Replacement</b>	<b>553,750</b>	<b>21,000</b>	<b>72,000</b>	<b>300,500</b>	<b>78,000</b>	<b>88,000</b>	<b>150,000</b>	<b>110,000</b>	<b>-</b>	<b>25,000</b>	<b>1,398,250</b>
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<b>Total: Vehicle &amp; Equipment Replacement</b>	<b>553,750</b>	<b>21,000</b>	<b>72,000</b>	<b>300,500</b>	<b>78,000</b>	<b>88,000</b>	<b>150,000</b>	<b>110,000</b>	<b>-</b>	<b>25,000</b>	<b>1,398,250</b>
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**CAPITAL IMPROVEMENT REQUEST FORM**

**FY:** 2014-2024

**PRIORITY:**

**PROJECT TITLE:** Vehicle/Equipment Replacement

**PROJECT LOCATION:** Various City Departments

**PROJECT DESCRIPTION:**

The Vehicle and Equipment Replacement program is a comprehensive replacement program scheduled over the next ten years. As proposed, the ten-year schedule calls for replacement of 140 vehicles or approximately 75% of the current City fleet of rolling stock. Of the 140 vehicles scheduled for replacement, 57 are in the Police Department. There are also 7 front line replacements scheduled in the Fire Department that will be purchased through lease/purchase financing. The proposed replacement schedule by Department is shown on the following pages.

**JUSTIFICATION/COMMENTS:**

The replacement schedule has been designed to replace vehicles which have been identified as: (1) incurring the greatest maintenance expense over the life of the vehicle, (2) reaching or exceeding their expected life in terms of age, and (3) having relatively high mileage. The benefits of the replacement program are reflected in reduced fleet maintenance expenses, as well as lower vehicle downtime, which results in greater service availability to the community.

**EXPENDITURE SCHEDULE:**

<u>Project Cost Elements</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
<b>Vehicle Replacement:</b>											
Gen. Fund & Utility Operations	1,246,020	384,200	403,400	701,100	293,200	559,400	479,000	715,000	461,000	253,000	5,495,320
Fire/Rescue (lease/purchase)	796,000	298,000	725,000	327,000	327,000				600,000		3,073,000
<b>TOTAL</b>	<b>2,042,020</b>	<b>682,200</b>	<b>1,128,400</b>	<b>1,028,100</b>	<b>620,200</b>	<b>559,400</b>	<b>479,000</b>	<b>715,000</b>	<b>1,061,000</b>	<b>253,000</b>	<b>8,568,320</b>

**FUNDING SCHEDULE:**

<u>Source of Funding</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
<b>Vehicle Replace. Funds</b>											
Gen. Fund Operations:											
- Replacement	800,020	363,200	331,400	379,600	215,200	443,400	329,000	605,000	304,000	228,000	3,998,820
-Lease Proceeds	796,000	298,000	725,000	327,000	327,000				600,000		3,073,000
Stormwater Utility	310,000			21,000		28,000			157,000		516,000
Water/Wastewater Utility	136,000	21,000	72,000	300,500	78,000	88,000	150,000	110,000		25,000	980,500
<b>TOTAL</b>	<b>2,042,020</b>	<b>682,200</b>	<b>1,128,400</b>	<b>1,028,100</b>	<b>620,200</b>	<b>559,400</b>	<b>479,000</b>	<b>715,000</b>	<b>1,061,000</b>	<b>253,000</b>	<b>8,568,320</b>

FY 2014-2015

VEHICLE REPLACEMENT SCHEDULE

<u>DEPARTMENT</u>	<u>Dept.</u>	<u>FLEET</u>		<u>YEAR</u>	<u>MAKE</u>	<u>MODEL</u>	<u>PROJECTED</u>	<u>EST.</u>
		<u>NO.</u>					<u>MILEAGE*</u>	<u>COST</u>
<b>Police</b>								
- Patrol	2101	PD85		2005	Ford	Crown Vic M	115,000	\$37,800
- Patrol	2101	PD88		2005	Chevy	Impala M	110,000	37,800
- Patrol	2101	PD90		2005	Chevy	Impala M	100,000	37,800
- Patrol	2101	PD91		2005	Chevy	Impala M	105,000	37,800
- Patrol	2101	PD92		2005	Chevy	Impala M	110,000	37,800
- Patrol	2101	PD113		2007	Chevy	Impala M	115,000	37,800
- Patrol	2101	PD114		2007	Chevy	Impala M	112,000	37,800
- Patrol	2101	PD116		2007	Chevy	Impala M	110,000	37,800
- Patrol	2101	PD102		2006	Chevy	Impala M	115,000	37,800
- Patrol	2101	PD108		2006	Chevy	Impala U	110,000	30,000
- Patrol	2101	PD127		2009	Chevy	Impala U	120,000	30,000
- Training	2107	PD93		2005	Ford	Explorer U	115,000	30,000
<b>Public Works</b>								
- Streets Maintenance	4107	606		1992	Ford	F700 Dump	Age Requirement	75,000
Streets Maintenance	4107	800		2005	Ford	F150	115,000	21,000
Stormwater	3802	907		2002	Ford	F350 Dump	Undersized for needs	75,000
Stormwater	3802	910		2007	Sterling	Sweeper	Do to condition & use	235,000
Streets Maintenance	4107	664		2004	Cat	Backhoe	7,500	103,000
<b>Recreation &amp; Parks</b>								
- Field Maintenance	7204	211		2004	Toro3100	Work Cart	2,400 Hours	33,820
- Field Maintenance	7204	205		2002	Toro3100	Reel mower	2,000 Hours	48,000
Field Maintenance	7204	1050		1993	John Deere	Tractor	Age & Condition	38,000
<b>Fire Rescue</b>								
Fire Suppression	2201	10000		2004	EMS	Special Response Cart	Age & Condition	19,000
Fire Suppression	2201	E44		2004	Pierce	Quantum	120,000	512,000
Fire Suppression	2201	R46		2009	Pierce	Med Tec	127,000	284,000
Fire Suppression	2201	6258		2003	Ford	Expedition	100,000	32,000
<b>Utilities</b>								
Cross Connection	3303	521		2004	Ford	F-250	114,000	68,000
Waste Water	3503	608		2001	Ford	F-250	115,000	68,000
Waste Water	3501	new		-	-	-	-	33,000

\*projected mileage at time of replacement

<b>Vehicle Replacement Fund (302)</b>	<b>\$1,906,020</b>
<b>Water/Wastewater Vehicle Replacement Fund (407)</b>	<b>\$169,000</b>
<b>Number of Vehicles/Equipment to be Replaced</b>	<b>26</b>
<b>New Vehicles/Equipment Added to Fleet</b>	<b>0</b>

**FY 2015-2016  
VEHICLE REPLACEMENT SCHEDULE**

<u>DEPARTMENT</u>	<u>Dept.</u>	<u>FLEET NO.</u>	<u>YEAR</u>	<u>MAKE</u>	<u>MODEL</u>	<u>PROJECTED MILEAGE*</u>	<u>EST. COST</u>
<b>Police</b>							
- Patrol	2101	PD9	2001	Ford	F-150 U	102,000	\$21,000
- Patrol	2101	PD100	2006	Chevy	Impala M	119,000	37,800
- Patrol	2101	PD101	2006	Chevy	Impala M	107,000	37,800
- Patrol	2101	PD106	2006	Chevy	Impala U	102,000	30,000
- Patrol	2105	PD115	2007	Chevy	Impala M	102,000	37,800
- Patrol	2101	PD73	2004	Ford	Explorer U	103,000	37,800
<b>Fire Rescue</b>							
Fire Suppression	2201	R48	2009	Pierce	Med Tec	146,500	298,000
Fire Prevention	2202	5929	2002	Ford	Explorer	100,000	35,000
<b>Public Works</b>							
Fleet	4104	705	2002	Ford	Explorer	120,000	30,000
- Grounds Maintenance	4106	908	2006	Ford	F-350Dump	77,000	75,000
<b>Recreation &amp; Parks</b>							
- Facility Maintenance	7200	1002	2001	Ford	F-150	95,000	21,000
<b>Utilities</b>							
- Water Production	3302	503	2001	Ford	F-150	105,000	21,000
Wastewater							
Water Distribution							

\*projected mileage at time of replacement

<b>Vehicle Replacement Fund (302)</b>	<b>\$661,200</b>
<b>Wastewater Vehicle Replacement Fund (407)</b>	<b>\$21,000</b>
<b>Total of Vehicles/Equipment to be Replaced</b>	<b>12</b>
<b>Vehicles/Equipment Added to Fleet</b>	<b>0</b>

**FY 2016-2017  
VEHICLE REPLACEMENT SCHEDULE**

<u>DEPARTMENT</u>	<u>Dept.</u>	<u>FLEET NO.</u>	<u>YEAR</u>	<u>MAKE</u>	<u>MODEL</u>	<u>PROJECTED MILEAGE*</u>	<u>EST. COST</u>
<b>Police</b>							
Patrol	2101	87	2005	Chevy	Impala M	99,000	\$39,800
Patrol	2101	105	2006	Chevy	Impala M	95,000	39,800
Patrol	2101	119	2008	Chevy	Impala M	107,000	39,800
Investigations	2105	109	2007	Chevy	Imala U	108,000	21,000
Community Response	2106	136	2005	Ford	F-150	95,000	21,000
Patrol	2101	4022	2011	H/D	Motorcycle	18,000	32,000
Patrol	2101	4023	2011	H/D	Motorcycle	12,000	32,000
Patrol	2101	4024	2011	H/D	Motorcycle	10,000	32,000
Patrol	2101	4025	2011	H/D	Motorcycle	16,000	32,000
<b>Public Works</b>							
Streets	4107	902	2005	Ford	F-150	103,000	21,000
<b>Fire Rescue</b>							
Fire Suppression	2201	E46	2007	Pierce	Quantum	103,000	725,000
<b>Recreation &amp; Parks</b>							
Facilities Maintenance	7200	1463	2000	Chevy	Cargo Van	106,000	21,000
							0
							0
<b>Utilities</b>							
Distribution	3303	619	2008	Ford	F-550 Utility	140,000	72,000

\*projected mileage at time of replacement

<b>Vehicle Replacement Fund (302)</b>	<b>\$1,056,400</b>
<b>Water/Wastewater Vehicle Replacement Fund (407)</b>	<b>\$72,000</b>
<b>Number of Vehicles/Equipment to be Replaced</b>	<b>13</b>
<b>New Vehicles/Equipment Added to Fleet</b>	<b>0</b>

**FY 2017-2018  
VEHICLE REPLACEMENT SCHEDULE**

<u>DEPARTMENT</u>	<u>Dept.</u>	<u>FLEET NO.</u>	<u>YEAR</u>	<u>MAKE</u>	<u>MODEL</u>	<u>PROJECTED MILEAGE*</u>	<u>EST. COST</u>
<b>Police</b>							
Investigations	2105	110	2007	Chevy	Impala U	100,000	\$21,000
Patrol	2101	128	2009	Chevy	Impala U	105,000	21,000
Patrol	2101	121	2008	Chevy	Impala M	101,000	39,800
Patrol	2101	132	2007	Ford	F-150	112,000	32,000
Patrol	2101	139	2010	Chevy	Implala M	118,000	39,800
							0
<b>Fire Rescue</b>							
Fire Suppression	2201	R46	2009	Pierce	Med Tec	115,000	327,000
<b>Public Works</b>							
Stormwater	3802	722	2006	Ford	Escape	110,000	21,000
Streets	4107	550	1999	Cat	928G Loader	10,000	175,000
<b>Recreation &amp; Parks</b>							
Parks	7204	1025	2005	Ford	Ranger	108,000	21,000
Parks	7204	203	1999	John Deere	4300 Tractor	2,800	30,000
							0
<b>Utilities</b>							
Water Plant	3302	522	2005	Ford	F250	108,000	25,500
Water Plant	3302	811	2002	Ford	Ranger	92,000	25,000
Wastewater	3503	810	2001	Ford	Ranger	85,000	25,000
Wastewater	3503	4326	2005	Volvo	Roll-off	500,000	225,000
							*projected mileage at time of replacement
<b>Vehicle Replacement Fund (302)</b>							<b>\$727,600</b>
<b>Water/Wastewater Vehicle Replacement Fund (407)</b>							<b>\$300,500</b>
<b>Number of Vehicles/Equipment to be Replaced</b>							<b>14</b>
<b>New Vehicles/Equipment Added to Fleet</b>							<b>0</b>

**FY 2018-2019  
VEHICLE REPLACEMENT SCHEDULE**

<u>DEPARTMENT</u>	<u>Dept.</u>	<u>FLEET NO.</u>	<u>YEAR</u>	<u>MAKE</u>	<u>MODEL</u>	<u>PROJECTED MILEAGE*</u>	<u>EST. COST</u>
<b>Police</b>							
Patrol	2101	112	2007	Chevy	Impala M	106,000	\$39,800
Patrol	2101	122	2008	Chevy	Impala M	111,000	39,800
Patrol	2101	133	2006	Ford	Escape M	105,000	39,800
Patrol	2101	123	2008	Chevy	Impala M	106,000	39,800
							0
<b>Fire Rescue</b>							
Fire Suppression	2201	R48	2009	Pierce	Med Tec	115,000	327,000
<b>Public Works</b>							
Arborist	4106	700	2005	Ford	F-150 4X4	105,000	28,000
Engineering	1901	715	2005	Ford	F-150 4X4	108,000	28,000
<b>Recreation &amp; Parks</b>							
							0
							0
							0
<b>Utilities</b>							
Wastewater	3503	900	2002	Ford	F-150 4X4	105,000	28,000
Distribution	3303	501	2001	Ford	F-150	108,000	25,000
Distribution	3303	710	2004	Ford	F-150	105,000	25,000
							*projected mileage at time of replacement
<b>Vehicle Replacement Fund (302)</b>							<b>\$542,200</b>
<b>Water/Wastewater Vehicle Replacement Fund (407)</b>							<b>\$78,000</b>
<b>Number of Vehicles/Equipment to be Replaced</b>							<b>10</b>
<b>New Vehicles/Equipment Added to Fleet</b>							<b>0</b>

**FY 2019-2020  
VEHICLE REPLACEMENT SCHEDULE**

<u>DEPARTMENT</u>	<u>Dept.</u>	<u>FLEET NO.</u>	<u>YEAR</u>	<u>MAKE</u>	<u>MODEL</u>	<u>PROJECTED MILEAGE*</u>	<u>EST. COST</u>
<b>Police</b>							
Patrol	2101	124	2009	Chevy	Impala U	105,000	\$23,000
Patrol	2101	125	2008	Chevy	Impala U	111,000	23,000
Investigations	2105	126	2009	Chevy	Impala U	115,000	23,000
Patrol	2101	129	2009	Chevy	Impala M	110,000	39,800
Patrol	2101	137	2010	Chevy	Impala M	110,000	39,800
Patrol	2101	138	2010	Chevy	Impala M	123,000	39,800
<b>Fire Rescue</b>							
Fire Suppression	2202	4045	2009	Ford	Expedition	100,000	40,000
Prevention	2202	6692	2006	Ford	Explorer	114,000	38,000
Fire	2200	6693	2006	Ford	Explorer	107,000	38,000
<b>Public Works</b>							
Fleet	4104	709	2002	Ford	F-150	90,000	28,000
Streets	4107	812	2005	Ford	F-150	105,000	28,000
Stormwater	3802	909	2005	Ford	F-150	105,000	28,000
<b>Recreation &amp; Parks</b>							
Facilities Maintenance	1910	618	2007	Ford	Cargo Van	80,000	38,000
Parks	7204	240	2006	Toro	Reel Mower	3,000	45,000
<b>Utilities</b>							
Water Plant	3302	508	2002	Fprd	F-250 Utility	80,000	30,000
Reclaim Water	3306	4015	2009	Fprd	Ranger	102,000	30,000
Wastewater	3503	904	1998	Chevy	Blazer	90,000	28,000
							*projected mileage at time of replacement
<b>Vehicle Replacement Fund (302)</b>							<b>\$471,400</b>
<b>Water/Wastewater Vehicle Replacement Fund (407)</b>							<b>\$88,000</b>
<b>Number of Vehicles/Equipment to be Replaced</b>							<b>17</b>
<b>New Vehicles/Equipment Added to Fleet</b>							<b>0</b>

**FY 2020-2021  
VEHICLE REPLACEMENT SCHEDULE**

<u>DEPARTMENT</u>	<u>Dept.</u>	<u>FLEET NO.</u>	<u>YEAR</u>	<u>MAKE</u>	<u>MODEL</u>	<u>PROJECTED MILEAGE*</u>	<u>EST. COST</u>
<b>Police</b>							
Community Relations	2104	130	2006	Ford	Escape M	100,000	\$40,000
Investigations	2105	131	2005	Ford	Escape U	105,000	38,000
Community Relations	2104	135	2006	Ford	Escape M	105,000	40,000
Patrol	2101	140	2010	Chevy	Impala M	105,000	42,000
Patrol	2101	141	2010	Chevy	Impala M	108,000	42,000
Community Response	2106	144	2012	Nissan	Altima U	100,000	21,000
							0
<b>Public Works</b>							
Fleet	4104	524	2006	Ford	Focus	115,000	21,000
<b>Recreation &amp; Parks</b>							
Facilities Maintenance	7210	615	2007	Ford	F-150	103,000	25,000
Parks	7204	1021	2005	Ford	F-150	95,000	25,000
Recreation & Parks	7200	1024	2005	Ford	Explorer	86,000	35,000
<b>Utilities</b>							
Wastewater	3501	3905	2008	Ford	F-250 4X4	175,000	75,000
Distribution	3303	3906	2008	Ford	F-250 Utility	175,000	75,000
							*projected mileage at time of replacement
<b>Vehicle Replacement Fund (302)</b>							<b>\$329,000</b>
<b>Water/Wastewater Vehicle Replacement Fund (407)</b>							<b>\$150,000</b>
<b>Number of Vehicles/Equipment to be Replaced</b>							<b>12</b>
<b>New Vehicles/Equipment Added to Fleet</b>							<b>0</b>

**FY 2021-2022  
VEHICLE REPLACEMENT SCHEDULE**

<u>DEPARTMENT</u>	<u>Dept.</u>	<u>FLEET NO.</u>	<u>YEAR</u>	<u>MAKE</u>	<u>MODEL</u>	<u>PROJECTED MILEAGE*</u>	<u>EST. COST</u>
<b>Police</b>							
Administration	2100	145	2011	Ford	Taurus U	90,000	\$30,000
Community Response	2106	146	2012	Hyundai	Sonata U	94,000	30,000
Community Response	2106	147	2012	Jeep	Compass U	117,000	30,000
Patrol	2101	148	2012	Chevy	Caprice M	106,000	40,000
Patrol	2101	149	2012	Chevy	Caprice M	100,000	40,000
Patrol	2101	150	2012	Chevy	Caprice M	100,000	40,000
<b>Fire Rescue</b>							
Training	2203	6884	2007	Ford	F-150	100,000	30,000
<b>Code Enforcement</b>							
	2403	799	2007	Ford	Ranger	95,000	25,000
	2403	4007	2009	Ford	F-150	100,000	25,000
<b>Public Works</b>							
Sreets	4107	3907	2008	Ford	F-550	120,000	80,000
Streets	4107	3951	2008	Ford	F-550	120,000	80,000
Streets	4107	3980	2008	Ford	F-550	110,000	80,000
<b>Recreation &amp; Parks</b>							
Recreation	7200	1003	2007	Ford	Focus	90,000	25,000
Parks	7204	1005	2007	Ford	Ranger	80,000	25,000
Parks	7204	1020	2005	Ford	F-150	75,000	25,000
<b>Utilities</b>							
Water/Sewer	3300	915	2005	Ford	Explorer	105,000	30,000
Distribution	3303	3950	2008	Ford	F-550	125,000	80,000
*projected mileage at time of replacement							
<b>Vehicle Replacement Fund (302)</b>							<b>\$605,000</b>
<b>Water/Wastewater Vehicle Replacement Fund (407)</b>							<b>\$110,000</b>
<b>Number of Vehicles/Equipment to be Replaced</b>							<b>17</b>
<b>New Vehicles/Equipment Added to Fleet</b>							<b>0</b>

**FY 2022-2023  
VEHICLE REPLACEMENT SCHEDULE**

<u>DEPARTMENT</u>	<u>Dept.</u>	<u>FLEET NO.</u>	<u>YEAR</u>	<u>MAKE</u>	<u>MODEL</u>	<u>PROJECTED MILEAGE*</u>	<u>EST. COST</u>
<b>Police</b>							
Community Relations	2104	94	2005	Chevy	Impala M	50,000	\$30,000
Patrol	2101	153	2013	Chevy	Caprice K9	108,000	40,000
Community Relations	2104	154	2013	Chevy	Tahoe M	100,000	43,000
							0
<b>Fire Rescue</b>							
Suppression	2201	5425	1996	Ford	E350 Van	70,000	38,000
Suppression	2201	5482	1997	Ford	F-250 Pickup	60,000	45,000
Suppression	2201	Spare	2014	Pierce	Quantum	108,000	600,000
<b>Public Works</b>							
Streets	4107	4102	2010	Bobcat	S250 Skid Steer	3,000	40,000
Stormwater	3802	953	2005	N/Hollans	Slope Mower	3,500	90,000
Stormwater	3802	221	1998	John Deere	Mower	3,800	35,000
Stormwater	3802	4031	2009	Ford	F-250	116,000	32,000
Streets	4107	4032	2009	Ford	F-250	116,000	32,000
<b>Recreation</b>							
	7200	500	2007	Ford	Ranger	100,000	18,000
							0
<b>Information Tech</b>							
	1303	400	2006	Ford	Focus	40,000	18,000
							0
<b>Utilities</b>							
							0

\*projected mileage at time of replacement

<b>Vehicle Replacement Fund (302)</b>	<b>\$1,061,000</b>
<b>Water/Wastewater Vehicle Replacement Fund (407)</b>	<b>\$0</b>
<b>Number of Vehicles/Equipment to be Replaced</b>	<b>13</b>
<b>New Vehicles/Equipment Added to Fleet</b>	<b>0</b>

**FY 2023-2024  
VEHICLE REPLACEMENT SCHEDULE**

<u>DEPARTMENT</u>	<u>Dept.</u>	<u>FLEET NO.</u>	<u>YEAR</u>	<u>MAKE</u>	<u>MODEL</u>	<u>PROJECTED MILEAGE*</u>	<u>EST. COST</u>
<b>Police</b>							\$0
							0
							0
							0
							0
							0
							0
<b>Public Works</b>							
Streets	4107	4211	2002	Ford	F-550 Flatbed	200,000	75,000
Streets	4107	605	2007	Ford	F-550 Dump	61,000	75,000
<b>Recreation &amp; Parks</b>							
Recreation	7200	1032	2006	Ford	Escape	65,000	25,000
Recreation	7200	1034	2006	Ford	E-350 Van	40,000	28,000
Parks	7204	3904	2008	Ford	F-150	63,000	25,000
<b>Utilities</b>							
Water plant	3302	4016	2009	Ford	Ranger	86,000	25,000
*projected mileage at time of replacement							
<b>Vehicle Replacement Fund (302)</b>							\$228,000
<b>Water/Wastewater Vehicle Replacement Fund (407)</b>							\$25,000
<b>Number of Vehicles/Equipment to be Replaced</b>							
<b>New Vehicles/Equipment Added to Fleet</b>							0



**CAPITAL IMPROVEMENT REQUEST FORM**

**FY:** 2014-2015

**PRIORITY:**

**PROJECT TITLE:** VacCon Truck

**PROJECT LOCATION:** Water/Wastewater Operations

**PROJECT DESCRIPTION:**

New capital equipment to support the Utility system is identified and justified in this request form. All of the equipment presented will be used to maintain a high state of permit compliance for the potable water, sewer and/or reclaimed water systems in a cost effective and efficient manner.

**JUSTIFICATION/COMMENTS:**

A highly specialized utility maintenance and construction vacuum truck. The truck is used to clean the sewer system gravity lines of debris, remove grease blocks and precision digging. The sewer system has grown from 1,500 customers to over 9,500 in the last 5 years and needs increased preventative maintenance. The VacCon truck also requires the addition of two new crew members: a Utility Equipment Operator to drive/control and a Maintenance Worker II to perform the vacuuming operation.

**EXPENDITURE SCHEDULE:**

<u>Project Cost Elements</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
<b>VacCon Truck</b>	298,750	-	-	-	-	-	-	-	-	-	298,750
<b>TOTAL</b>	298,750	-	-	-	-	-	-	-	-	-	298,750

**FUNDING SCHEDULE:**

<u>Source of Funding</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
407 Vehicle Replacement	298,750	-	-	-	-	-	-	-	-	-	298,750
<b>TOTAL</b>	298,750	-	-	-	-	-	-	-	-	-	298,750



**CAPITAL IMPROVEMENT REQUEST FORM**

**FY:** 2014-2015

**PRIORITY:**

**PROJECT TITLE:** Valve  
Turner

**PROJECT LOCATION:** Water/Wastewater  
Operations

**PROJECT DESCRIPTION:**

New capital equipment to support the Utility system is identified and justified in this request form. All of the equipment presented will be used to maintain a high state of permit compliance for the potable water, sewer and/or reclaimed water systems in a cost effective and efficient manner.

**JUSTIFICATION/COMMENTS:**

A highly specialized utility maintenance device for exercising valves in the potable and reclaimed water system. As the utility system ages the valves need to be exercised to maintain reliable operation and remove debris in seals. Good working valves reduce boil water impacts during system repairs. The valve turner requires the addition of a Utility Tech dedicated to preventative maintenance to properly exercise system valves. The valve turner device also reduces back injuries.

**EXPENDITURE SCHEDULE:**

<u>Project Cost Elements</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
Valve Turner	58,000	-	-	-	-	-	-	-	-	-	58,000
<b>TOTAL</b>	<b>58,000</b>	<b>-</b>	<b>58,000</b>								

**FUNDING SCHEDULE:**

<u>Source of Funding</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
407 Vehicle Replacement	58,000	-	-	-	-	-	-	-	-	-	58,000
<b>TOTAL</b>	<b>58,000</b>	<b>-</b>	<b>58,000</b>								



**CAPITAL IMPROVEMENT REQUEST FORM**

**FY:** 2014-2015

**PRIORITY:**

**PROJECT TITLE:** DeWater  
Box

**PROJECT LOCATION:** Water/Wastewater  
Operations

**PROJECT DESCRIPTION:**

A special roll-off box designed to dewater VacCon Truck wastes evacuated from the collection system. Dewater box separates the liquid from solids to reduce trips and volume of disposal.

**JUSTIFICATION/COMMENTS:**

A special roll-off box designed to dewater VacCon Truck wastes evacuated from the collection system. Dewater box separates the liquid from solids to reduce trips and volume of disposal.

**EXPENDITURE SCHEDULE:**

<u>Project Cost Elements</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
Dewater Box	28,000	-	-	-	-	-	-	-	-	-	28,000
<b>TOTAL</b>	<b>28,000</b>	<b>-</b>	<b>28,000</b>								

**FUNDING SCHEDULE:**

<u>Source of Funding</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
407 Vehicle Replacement	28,000	-	-	-	-	-	-	-	-	-	28,000
<b>TOTAL</b>	<b>28,000</b>	<b>-</b>	<b>28,000</b>								



**CAPITAL IMPROVEMENT REQUEST FORM**

**FY:** 2014-2015

**PRIORITY:**

**PROJECT TITLE:** Utility  
Vehicle

**PROJECT LOCATION:** Water/Wastewater  
Operations

**PROJECT DESCRIPTION:**

New capital equipment to support the Utility system is identified and justified in this request form. All of the equipment presented will be used to maintain a high state of permit compliance for the potable water, sewer and/or reclaimed water systems in a cost effective and efficient manner.

**JUSTIFICATION/COMMENTS:**

A utility bodied truck designed to support system maintenance tools and parts. The Truck is needed to pull the new valve turner and supplies.

**EXPENDITURE SCHEDULE:**

<u>Project Cost Elements</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
Utility Vehicle	33,000										33,000
<b>TOTAL</b>	<b>33,000</b>	-	-	-	-	-	-	-	-	-	<b>33,000</b>

**FUNDING SCHEDULE:**

<u>Source of Funding</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
Fund 407 Vehicle Rep.	33,000										33,000
<b>TOTAL</b>	<b>33,000</b>	-	-	-	-	-	-	-	-	-	<b>33,000</b>

# *Water System Impact Fee Fund (408)*

## *Revenues*

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
WATER	99,975	16,461	40,000	40,000	59,000
WATER	108,006	41,806	80,000	80,000	52,000
INVESTMENTS	9,842	4,503	6,000	6,000	4,000
CHANGE IN FAIR VALUE-INV	(577)	(1,636)	-	-	-
WATER CAPITAL REC FEES	-	-	-	-	-
<b>TOTAL REVENUE</b>	<b>217,246</b>	<b>61,134</b>	<b>126,000</b>	<b>126,000</b>	<b>115,000</b>
PRIOR YEAR BUDGETARY C/F	-	-	153,840	380,285	196,349
<b>Total Revenues</b>	<b>217,246</b>	<b>61,134</b>	<b>279,840</b>	<b>506,285</b>	<b>311,349</b>

## *Expenditures*

IMPACT FEE UPDATE	5,956	31,508	40,000	43,492	-
WATER LINES	-	2,700	-	-	-
OTHER CURRENT CHARGES	-	-	-	2,324	-
<b>TOTAL OPERATING EXPENDITURES</b>	<b>5,956</b>	<b>34,208</b>	<b>40,000</b>	<b>45,816</b>	<b>-</b>
NEW CONSTRUCTION METERS	-	-	-	-	80,000
DEPRECIATION	27,792	30,319	-	-	-
WATER LINES	33,677	210,951	-	161,463	-
<b>TOTAL CAPITAL</b>	<b>61,469</b>	<b>241,270</b>	<b>-</b>	<b>161,463</b>	<b>80,000</b>
UTILITY CONSTRUCTION (402)	-	-	-	59,166	-
WATER & SEWER FUND	-	-	5,830	5,830	-
UTILITY DEBT SERVICE RSRV	-	234,029	234,010	48,074	231,349
<b>TOTAL INTERFUND TRANSFERS</b>	<b>-</b>	<b>234,029</b>	<b>239,840</b>	<b>113,070</b>	<b>231,349</b>
CONTINGENCY	-	-	-	185,936	-
<b>Total Expenditures</b>	<b>67,425</b>	<b>509,507</b>	<b>279,840</b>	<b>506,285</b>	<b>311,349</b>

**WATER SYSTEM IMPACT FEE FUND (408)**

<b>Revenue</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>	<b>FY 17-18</b>	<b>FY 18-19</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>TOTAL</b>
Impact Fee Fund	80,000	480,000	-	-	69,000	1,235,525	1,088,100	1,200,000	-	-	4,152,625
<b>Total: Water System Impact Fee</b>	<b>80,000</b>	<b>480,000</b>	<b>-</b>	<b>-</b>	<b>69,000</b>	<b>1,235,525</b>	<b>1,088,100</b>	<b>1,200,000</b>	<b>-</b>	<b>-</b>	<b>4,152,625</b>

**Expenditures**

**Water Infrastructure Expansion Projects**

- SR426/W Mitchell Hammock Main Upgrade	-	-	-	-	-	-	-	-	-	-	-
- 12" Main from Water Treatment Plant North	-	-	-	-	-	-	-	-	-	-	-
- 8" Main Alafaya to Big Oaks	-	-	-	-	-	147,425	-	-	-	-	147,425
- 12" Main from SR434 to Franklin	-	330,000	-	-	-	-	-	-	-	-	330,000
- 2.5 MG Tank	-	-	-	-	-	-	-	1,200,000	-	-	1,200,000
- Emergency Interconnect with Winter Springs	-	-	-	-	69,000	-	-	-	-	-	69,000
- 16" Main on 419/426 Pine to Division	-	-	-	-	-	1,088,100	-	-	-	-	1,088,100
- 16" Main on 419/426 Division to Lockwood	-	-	-	-	-	-	1,088,100	-	-	-	1,088,100
- 10" Loop to Shane Kelly Park	-	150,000	-	-	-	-	-	-	-	-	150,000

<b>Water Meters - New Development</b>	<b>80,000</b>	<b>-</b>	<b>80,000</b>								
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<b>Total: Water System Impact Fee</b>	<b>80,000</b>	<b>480,000</b>	<b>-</b>	<b>-</b>	<b>69,000</b>	<b>1,235,525</b>	<b>1,088,100</b>	<b>1,200,000</b>	<b>-</b>	<b>-</b>	<b>4,152,625</b>
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CAPITAL IMPROVEMENT REQUEST FORM

FY: 2014-2015

PRIORITY:

PROJECT TITLE: Water Meters

PROJECT LOCATION: Water/Wastewater Operations

PROJECT DESCRIPTION:

Water Meters for new development.

JUSTIFICATION/COMMENTS:

New Development pays for new meters. These meters are funded as they are needed by new meter fees.

EXPENDITURE SCHEDULE:

<u>Project Cost Elements</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
Water Meters	80,000										80,000
<b>TOTAL</b>	80,000	-	-	-	-	-	-	-	-	-	80,000

FUNDING SCHEDULE:

<u>Source of Funding</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
Fund 408 Water Impact	80,000										80,000
<b>TOTAL</b>	80,000	-	-	-	-	-	-	-	-	-	80,000

# *Wastewater System Impact Fee Fund (409)*

## *Revenues*

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
SEWER	7,564	400	40,000	40,000	45,000
SEWER	67,621	19,740	60,000	60,000	22,000
DEVELOPER REIMBURSABLES	-	-	-	-	-
INVESTMENTS	8,964	4,073	7,000	7,000	5,000
CHANGE IN FAIR VALUE-INV	(464)	(2,104)	-	-	-
DEBT PROCEEDS	-	-	-	-	-
<b>TOTAL REVENUE</b>	<b>83,685</b>	<b>22,109</b>	<b>107,000</b>	<b>107,000</b>	<b>72,000</b>
PRIOR YEAR BUDGETARY C/F	-	-	384,441	366,026	-
<b>Total Revenues</b>	<b>83,685</b>	<b>22,109</b>	<b>491,441</b>	<b>473,026</b>	<b>72,000</b>

## *Expenditures*

OTHER PROFESSIONAL SVCS	5,956	5,210	40,000	40,000	-
LIFT STATIONS EQUIP	341	-	241,469	-	-
<b>TOTAL OPERATING EXPENDITURES</b>	<b>6,297</b>	<b>5,210</b>	<b>281,469</b>	<b>40,000</b>	<b>-</b>
DEPRECIATION	13,606	15,577	-	-	-
CIVIL ENGINEERS	-	-	-	29,327	-
LIFT STATION EQUIPMENT	-	-	142,000	142,000	-
MACHINERY & EQUIPMENT	-	-	-	193,727	-
SEWER LINES	-	243,268	13,500	13,500	-
<b>TOTAL CAPITAL</b>	<b>-</b>	<b>243,268</b>	<b>155,500</b>	<b>378,554</b>	<b>-</b>
WATER & SEWER FUND	-	-	13,500	13,500	-
UTILITY DEBT SERVICE RSRV	-	40,975	40,972	8,417	40,506
<b>TOTAL INTERFUND TRANSFERS</b>	<b>-</b>	<b>40,975</b>	<b>54,472</b>	<b>21,917</b>	<b>40,506</b>
RESERVE FOR CONTINGENCIES	-	-	-	32,555	31,494
<b>Total Expenditures</b>	<b>19,903</b>	<b>305,030</b>	<b>491,441</b>	<b>473,026</b>	<b>72,000</b>

**WASTEWATER SYSTEM IMPACT FEE FUND (409)**

**Revenue**

	<u>FY 13-14</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>TOTAL</u>
Impact Fee Fund	31,494	-	-	-	-	-	-	-	-	-	31,494
<b>Total: Wastewater System Impact Fee</b>	<b>31,494</b>	<b>-</b>	<b>31,494</b>								

**Expenditures**

Contingency	31,494	-	-	-	-	-	-	-	-	-	31,494
<b>Total: Wastewater System Impact Fee</b>	<b>31,494</b>	<b>-</b>	<b>31,494</b>								

## *Series 2007 Utility Construction Fund (415)*

### *Revenues*

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
INVESTMENTS	893	492	700	700	125
CHANGE IN FAIR VALUE-INV	-31	-168	-	-	-
UTILITY FUND	0	0	-	-	-
<b>TOTAL REVENUE</b>	<b>862</b>	<b>324</b>	<b>700</b>	<b>700</b>	<b>125</b>
 PRIOR YEAR BUDGETARY C/F	 -	 -	 -	 -	 83,111
 <i>Total Revenues</i>	 <b>862</b>	 <b>324</b>	 <b>700</b>	 <b>700</b>	 <b>83,236</b>

### *Expenditures*

DEPRECIATION	219,187	222,060	-	-	-
CIVIL ENGINEERS	-	-	-	-	83,236
WATER LINES	-	-	-	-	-
<b>TOTAL CAPITAL</b>	<b>219,187</b>	<b>222,060</b>	<b>-</b>	<b>-</b>	<b>83,236</b>
 WATER & SEWER FUND	 -	 -	 -	 -	 -
RESERVE FOR CONTINGENCIES	-	-	700	700	-
 <i>Total Expenditures</i>	 <b>219,187</b>	 <b>222,060</b>	 <b>700</b>	 <b>700</b>	 <b>83,236</b>

# *Series 2010A Utility Rev. Bonds Const. Fund (416)*

## *Revenues*

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
INVESTMENTS	10,153	4,124	4,000	4,000	500
CHANGE IN FAIR VALUE-INV EQUITY TRX	(331)	(1,397)	-	-	-
<b>TOTAL REVENUE</b>	<b>9,822</b>	<b>2,727</b>	<b>4,000</b>	<b>4,000</b>	<b>500</b>
PRIOR YEAR BUDGETARY C/F	-	-	-	-	368,689
<b>Total Revenues</b>	<b>9,822</b>	<b>2,727</b>	<b>4,000</b>	<b>4,000</b>	<b>369,189</b>

## *Expenditures*

DEPRECIATION	186,944	215,386	-	-	-
CIVIL ENGINEERS	-	-	-	-	96,889
WATER LINES	16,857	563,208	-	-	-
GENERAL CONTRACTORS	-	-	-	-	272,300
<b>TOTAL CAPITAL</b>	<b>16,857</b>	<b>563,208</b>	<b>-</b>	<b>-</b>	<b>369,189</b>
WATER & SEWER FUND	-	-	-	-	-
<b>TOTAL INTERFUND TRANSFERS</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
RESERVE FOR CONTINGENCIES	-	-	4,000	4,000	-
<b>Total Expenditures</b>	<b>203,801</b>	<b>778,594</b>	<b>4,000</b>	<b>4,000</b>	<b>369,189</b>

## *Series 2010B Util. Rev Bonds Const Fund (417)*

### *Revenues*

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
INVESTMENTS	31,966	15,381	20,000	20,000	2,000
CHANGE IN FAIR VALUE-INV	(279)	(5,271)	-	-	-
TOTAL REVENUE	31,687	10,110	20,000	20,000	2,000
PRIOR YEAR BUDGETARY C/F	-	-	380,250	782,582	890,026
<i>Total Revenues</i>	<b>31,687</b>	<b>10,110</b>	<b>400,250</b>	<b>802,582</b>	<b>892,026</b>

### *Expenditures*

DEPRECIATION	1,063,712	1,215,577	-	-	-
CIVIL ENGINEERS	-	-	84,000	84,000	-
WATER LINES	66,920	24,168	-	-	-
GENERAL CONTRACTORS	-	-	-	-	892,026
RECLAIMED WATER LINES	125,115	-	-	-	-
SEWER LINES	-	879,200	-	63,747	-
LIFT STATION EQUIPMENT	-	-	62,000	77,000	-
OTHER IMPROV OTHER BLDGS	253,742	86,352	214,750	528,650	-
MACHINERY & EQUIPMENT	-	-	-	9,685	-
OTHER MACHINERY & EQUIP	-	-	39,500	39,500	-
TOTAL CAPITAL	445,777	989,720	400,250	802,582	892,026
WATER & SEWER FUND	-	-	-	-	-
TOTAL INTERFUND TRANSFERS	-	-	-	-	-
<i>Total Expenditures</i>	<b>1,509,489</b>	<b>2,205,297</b>	<b>400,250</b>	<b>802,582</b>	<b>892,026</b>

**2010 UTILITY REVENUE BOND FUNDS**

<b>Revenue</b>	<b>FY 14-15</b>	<b>FY 15-16</b>	<b>FY 16-17</b>	<b>FY 17-18</b>	<b>FY 18-19</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>FY 23-24</b>	<b>TOTAL</b>
<b>Bond Proceeds:</b>											
2007 Utility Revenue Note (415)	83,236	-	-	-	-	-	-	-	-	-	83,236
2010A Utility Revenue Bond (T/E) (416)	369,189	-	-	-	-	-	-	-	-	-	369,189
2010B Utility Revenue Bond (BABS) (417)	892,026	-	-	-	-	-	-	-	-	-	892,026
<b>Total: 2010 Utility Revenue Bond Fund</b>	<b>1,344,451</b>	<b>-</b>	<b>1,344,451</b>								

**Expenditures**

<b>Alafaya Wastewater Reclamation Facility</b>											
- Design	120,125	-	-	-	-	-	-	-	-	-	120,125
- Construction	1,164,326	-	-	-	-	-	-	-	-	-	1,164,326
- CEI	60,000	-	-	-	-	-	-	-	-	-	60,000
<b>Total: 2010 Utility Revenue Bond Fund</b>	<b>1,344,451</b>	<b>-</b>	<b>1,344,451</b>								



CAPITAL IMPROVEMENT REQUEST FORM

FY: 2014-2015

PRIORITY:

PROJECT TITLE: Bond funded Wastewater Plant Enhancements

PROJECT LOCATION: Oviedo Wastewater Reclamation Facility

**PROJECT DESCRIPTION:**

Wastewater Plant Capital Improvements planned with acquisition of the private "Alafaya" wastewater system to improve the neighborhood esthetics and operational efficiency and reliability. The improvements have been honed with the 2011 Wastewater Master Plan and the 2014 Permit renewal process to economically expand current permitted capacity from 1.55 MGD up to 2.4 MGD, with remaining funds.

**JUSTIFICATION/COMMENTS:**

The City developed a 6 year Capital Improvement Plan with the acquisition of the formerly private "Alafaya Wastewater System." The Improvements were funded with bond proceeds to benefit the community and its customers upon ownership. The City has already completed initial Headworks, Surge tank, odor domes, odor control system and reclaimed water filtration improvements. The remaining bond money will fund permit renewal projects, as feasible to allow the wastewater process more flows economically. The wastewater plant is currently operated at a permitted capacity of 1.55 MGD. Capital improvements will allow the facility to handle flows up to 2.4 MGD. Permit renewal projects are more process control and efficient management systems to make the plant more efficient with higher flows.

The Permit renewal projects are anticipated to utilize the remaining Capital Improvements funds from the "Alafaya" acquisition bond proceeds - 2010A and 2010B Utility Revenue Bonds, as well as the 2007 Utility Revenue Note. Construction is anticipated to include at a minimum, dissolved oxygen (D.O.), and return activated sludge (RAS) control with associated improvements to be purchased and installed by the contractor. The goal of these improvements is to increase the capacity of the Oviedo Wastewater Treatment Facility, and the efficiency of the processing of influent up to 2.4 MGD (million gallons per day).

**EXPENDITURE SCHEDULE:**

<u>Project Cost Elements</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
Design	120,125	-	-	-	-	-	-	-	-	-	120,125
Construction	1,179,326	-	-	-	-	-	-	-	-	-	1,179,326
CEI	60,000	-	-	-	-	-	-	-	-	-	60,000
<b>TOTAL</b>	<b>1,359,451</b>	<b>-</b>	<b>1,359,451</b>								

**FUNDING SCHEDULE:**

<u>Source of Funding</u>	<u>FY 14-15</u>	<u>FY 15-16</u>	<u>FY 16-17</u>	<u>FY 17-18</u>	<u>FY 18-19</u>	<u>FY 19-20</u>	<u>FY 20-21</u>	<u>FY 21-22</u>	<u>FY 22-23</u>	<u>FY 23-24</u>	<u>TOTAL</u>
Bond Proceeds:											
2007 Utility Note 415	83,236	-	-	-	-	-	-	-	-	-	83,236
2010A Utility Rev Bonds 416	369,189	-	-	-	-	-	-	-	-	-	369,189
2010B Utility Rev Bonds 417	907,026	-	-	-	-	-	-	-	-	-	907,026
<b>TOTAL</b>	<b>1,359,451</b>	<b>-</b>	<b>1,359,451</b>								