All pages of this section are bookmarked. Please select the bookmark icon from the left to navigate the pages.

Water/Wastewater Operating Fund (401)

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
Revenues					
CHARGES FOR SERVICES					
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	-	-	-
TOTAL: CHARGES FOR SERVICE	**11,521,808**	**11,602,847**	**11,860,043**	**11,860,043**	**11,680,750**
MISCELLANEOUS REVENUES					
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	-	-	-
TOTAL: MISCELLANEOUS REVENUE	**1,151,801**	**2,019,505**	**750,000**	**750,000**	**735,500**
INTERFUND TRANSFERS					
RENEWAL AND REPLACEMENT FUND (406)	67,607	-	-	-	-
WATER /SEWER IMPACT FEE FUND (408/409)	-	-	19,330	19,330	-
TOTAL: INTERFUND TRANSFERS	**67,607**	**-**	**19,330**	**19,330**	**-**
APPROPRIATED RETANED EARNINGS	-	-	-	125,578	-
TOTAL REVENUES	**12,741,216**	**13,622,352**	**12,629,373**	**12,754,951**	**12,416,250**

Water/Wastewater Operating Fund (401)

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
Expenses					
WATER PRODUCTION AND DISTRIBUTION					
UTILITY ADMINISTRATION					
PERSONAL SERVICES	185,003	278,305	285,029	285,029	347,684
OPERATING EXPENSES	123,641	98,602	107,387	114,742	96,291
VEHICLE REPLACEMENT	-	-	6,831	6,831	27,505
CAPITAL OUTLAY	-	-	319,000	418,145	167,500
TOTAL: WATER PRODUCTION AND DISTRIBUTION	308,644	376,907	718,247	824,747	638,980
UTILITY BILLING AND CUSTOMER SERVICE					
PERSONAL SERVICES	314,573	296,074	320,308	320,308	365,714
OPERATING EXPENSES	268,785	261,896	257,255	262,476	298,700
VEHICLE REPLACEMENT	-	-	-	-	-
CAPITAL OUTLAY	-	-	-	-	-
TOTAL: UTILITY BILLING AND CUSTOMER SERVICE	583,358	557,970	577,563	582,784	664,414
WATER PRODUCTION					
PERSONAL SERVICES	356,275	308,903	313,547	313,547	313,577
OPERATING EXPENSES	1,084,886	925,945	1,092,528	1,095,228	1,088,268
VEHICLE REPLACEMENT	-	-	5,356	5,356	5,065
CAPITAL OUTLAY	-	-	-	-	-
TOTAL: WATER PRODUCTION	1,441,161	1,234,848	1,411,431	1,414,131	1,406,910
WATER DISTRIBUTION AND MAINTENANCE					
PERSONAL SERVICES	309,681	363,758	363,355	363,355	382,217
OPERATING EXPENSES	233,990	143,678	263,384	263,884	138,136
VEHICLE REPLACEMENT	-	-	13,151	13,151	24,342
CAPITAL OUTLAY	14,465	8,708	-	4,578	-
TOTAL: WATER DISTRIBUTION AND MAINTENANCE	558,136	516,144	639,890	644,968	544,695
TOTAL: WATER PRODUCTION AND DISTRIBUTION	2,891,299	2,685,869	3,347,131	3,466,630	3,254,999
UTILITY OPERATIONS					
CROSS CONNECTION CONTROL					
PERSONAL SERVICES	111,121	65,894	69,950	69,950	68,116
OPERATING EXPENSES	33,300	28,427	32,773	32,973	34,270
VEHICLE REPLACEMENT	-	-	817	817	817
CAPITAL OUTLAY	-	-	-	-	-
TOTAL: CROSS CONNECTION CONTROL	144,421	94,321	103,540	103,740	103,203
WASTE WATER COLLECTION AND REUSE DISTRIBUTION					
PERSONAL SERVICES	154,598	160,914	168,125	168,125	244,647
OPERATING EXPENSES	742,157	797,169	788,836	929,536	1,063,534
VEHICLE REPLACEMENT	-	-	8,956	8,956	19,230
CAPITAL OUTLAY	-	-	-	-	-
TOTAL: WASTEWATER COLLECTION AND REUSE DIST	896,755	958,083	965,917	1,106,617	1,327,411

Water/Wastewater Operating Fund (401)

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
Expenses, continued					
ALAFAYA WASTEWATER/RECLAIMED					
PERSONAL SERVICES	323,983	339,514	347,986	347,986	292,304
OPERATING EXPENSES	1,089,283	1,054,736	1,220,831	1,068,236	932,241
VEHICLE REPLACEMENT	-	-	7,016	7,016	5,209
CAPITAL OUTLAY	13,662	2,411	8,500	21,095	-
TOTAL: ALAFAYA WASTEWATER/RECLAIMED	1,426,928	1,396,661	1,584,333	1,444,333	1,229,754
RECLAIMED WATER					
PERSONAL SERVICES	51,074	50,313	51,117	51,117	51,833
OPERATING EXPENSES	173,412	158,572	224,053	224,053	127,741
VEHICLE REPLACEMENT	-	-	801	801	801
CAPITAL OUTLAY	-	-	-	46,000	-
TOTAL: RECLAIMED WATER	224,486	208,885	275,971	321,971	180,375
TOTAL: UTILTIY OPERATIONS	**2,692,590**	**2,657,950**	**2,929,761**	**2,976,661**	**2,840,743**
TOTAL: ALL WATER/WASTEWATER DEPARTMENTS	**5,583,889**	**5,343,819**	**6,276,892**	**6,443,291**	**6,095,742**
NON-EXPENSE DISBURSEMENTS					
DEPRECIATION	1,100,034	1,203,847	-	-	-
INTERFUND TRANSFERS					
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	555,790
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
TOTAL: INTERFUND TRANSFERS	2,032,070	1,988,570	2,018,261	2,016,146	2,074,864
INTERFUND TRANSFERS TO DEBT SERVICE					
2010A Utility Revenue Bonds	4,233,560	3,956,078	3,963,829	2,164,490	3,652,268
TOTAL: INTERFUND TRANSFERS	6,265,630	5,944,648	5,982,090	4,180,636	5,727,132
RESERVE FOR CONTINGENCY	-	-	370,391	2,131,024	593,376
TOTAL EXPENSES	**12,949,553**	**12,492,314**	**12,629,373**	**12,754,951**	**12,416,250**

**In FY 13-14 Transfer to Vehicle Replacement Fund - per Fleet amortization schedule moved to Operating Expenses

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

Revenue Grouping	2011-12 Actual	2012-13 Actual	2013-14 Adopted Budget	2013-14 Amended Budget	2014-15 Adopted Budget
CHARGES FOR SERVICES					
Physical Environment	11,521,791	11,602,837	11,860,043	11,860,043	11,680,750
Total Charges for Services	11,521,791	11,602,837	11,860,043	11,860,043	11,680,750
INTERGOVERNMENTAL REVENUE					
Federal Grants	624,565	597,397	500,000	500,000	500,000
Total Intergovernmental	624,565	597,397	500,000	500,000	500,000
MISCELLANEOUS REVENUES					
Disposition of Fixed Assets	3,394	1,300	-	-	-
Interest Earnings	54,627	22,055	42,000	42,000	42,500
Other Miscellaneous Revenues	469,215	760,753	208,000	208,000	193,000
Rents & Leases	-	-	-	-	-
Total Misc Revenues	527,236	784,108	250,000	250,000	235,500
OTHER SOURCES					
Interfund Transfers	67,607	-	19,330	19,330	-
Other Sources	-	638,000	-	-	-
Appropriated Fund Balance	-	-	-	125,578	-
Total Other Sources	67,607	638,000	19,330	144,908	-
TAXES					
Utility Service Taxes	17	10	-	-	-
Total Taxes	17	10	-	-	-
Total Revenues by Grouping	**$ 12,741,216**	**$ 13,622,352**	**$ 12,629,373**	**$ 12,754,951**	**$ 12,416,250**

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

Expense Grouping	2011-12 Actual	2012-13 Actual	2013-14 Adopted Budget	2013-14 Amended Budget	2014-15 Adopted Budget
SALARIES					
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	1,465,947
Other Salaries & Wages	16,473	15,145	21,100	21,100	21,429
Overtime	58,768	59,143	53,150	53,150	53,650
Total Salaries	1,391,664	1,450,587	1,502,612	1,502,612	1,626,224
BENEFITS					
Special Pay	-	100	-	-	1,787
FICA/Medicare Taxes	104,098	105,457	107,254	107,254	113,309
Retirement Contributions	63,332	63,297	66,993	66,993	65,806
Health Insurance	214,083	215,410	192,379	192,379	223,701
Workers' Compensation	33,131	28,473	50,179	50,179	35,265
Unemployment	-	351	-	-	-
Total Benefits	414,644	413,088	416,805	416,805	439,868
OPERATING EXPENSES					
Professional Services	68,906	52,570	43,714	100,214	77,723
Other Contractual Services	1,038,703	1,029,050	1,009,578	970,578	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	7,452	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	317,943
Repair and Maintenance	545,292	369,127	597,106	579,292	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	208,254	220,237
Office Supplies	2,677	4,329	5,120	5,120	5,300
Operating Supplies	694,137	621,662	864,356	852,266	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
Total Operating Expenses	3,749,454	3,469,025	4,029,975	4,034,056	3,862,150
DEPRECIATION	1,100,034	1,203,847	-	-	-
CAPITAL					
Improvements Other than Bldgs	28,127	11,119	319,000	458,578	167,500
Capital Assets	-	-	8,500	31,240	-
Total Capital	28,127	11,119	327,500	489,818	167,500
TRANSFERS					
Interfund Transfers	6,265,630	5,944,648	5,982,090	4,180,636	5,727,132
Total Transfers	6,265,630	5,944,648	5,982,090	4,180,636	5,727,132
RESERVES	-	-	370,391	2,131,024	593,376
Total Expenditures by Grouping	**$ 12,949,553**	**$ 12,492,314**	**$ 12,629,373**	**$ 12,754,951**	**$ 12,416,250**

Water/Wastewater Operating (401) Fund
Revenue and Expense Summary by Major Account Category

	2011-12 Actual	2012-13 Actual	2013-14 Adopted Budget	2013-14 Amended Budget	2014-15 Adopted Budget
Water/Wastewater Fund Revenues:					
Operating Revenues					
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
Reclaim 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
Other Charges for Service	3,707	3,738	-	-	-
Federal Direct Payment Subsidy	624,565	597,397	500,000	500,000	500,000
Interest Income	54,627	22,055	42,000	42,000	42,500
Developer Contributions	-	638,000	-	-	-
Miscellaneous	472,609	762,053	208,000	208,000	193,000
Sub-Total Operating Revenues	12,673,609	13,622,352	12,610,043	12,610,043	12,416,250
Non-Operating Revenues					
Interfund Transfers	67,607	-	19,330	19,330	-
Appropriated Fund Balance	-	-	-	125,578	-
Sub-Total Non-Operating Revenues	67,607	-	19,330	144,908	-
Total Revenues	***12,741,216***	***13,622,352***	***12,629,373***	***12,754,951***	***12,416,250***
Water/Wastewater Fund Expenses:					
Personnel Services					
Salaries & Wages	1,391,664	1,450,587	1,502,612	1,502,612	1,626,224
Benefits	414,644	413,088	416,805	416,805	439,868
Sub-Total Personal Services	**1,806,308**	**1,863,675**	**1,919,417**	**1,919,417**	**2,066,092**
Operating Expenses					
Professional & Contractual Services	1,107,609	1,081,620	1,053,292	1,070,792	1,100,196
Communications	29,995	35,736	37,077	37,077	32,103
Utilities	704,329	633,901	679,502	692,902	658,421
Streetlighting	-	-	-	-	-
Rentals & Leases	165,892	160,175	172,851	172,851	187,797
Insurance	244,074	280,644	303,539	303,539	317,943
Repair and Maintenance	545,292	369,127	597,106	579,292	466,554
Operating Supplies	944,606	897,148	1,118,817	1,109,812	986,442
Miscellaneous (Travel, Training, Dues)	7,657	10,674	24,863	24,863	29,725
Vehicle Replacement-Amortization Schedule	-	-	42,928	42,928	82,969
Sub-Total Operating Expenses	**3,749,454**	**3,469,025**	**4,029,975**	**4,034,056**	**3,862,150**
Capital	28,127	11,119	327,500	489,818	167,500
Sub-Total Departmental Operating Expenses	**5,583,889**	**5,343,819**	**6,276,892**	**6,443,291**	**6,095,742**
Depreciation	1,100,034	1,203,847	-	-	-
Interfund Transfers and Reserves					
General Fund	1,174,193	1,217,881	1,257,670	1,257,670	1,275,605
Revenue Bond Sinking Debt	32,165	2,834	29,846	27,731	29,598
General Obligation Debt Service Fund	6,557	-	-	-	-
Utility Debt Service	4,233,560	3,956,078	3,963,829	2,164,490	3,652,268
Utility Construction Fund	-	-	-	-	-
Technology and Other Fund	34,424	50,000	42,286	42,286	2,600
Transfers/Vehicle Replacement Fund	107,471	38,773	-	-	113,369
Renewal and Replacement Fund	615,453	615,453	612,300	612,300	555,790
Stormwater Utility Fund	294	2,116	7,094	7,094	7,094
Health Insurance Fund	61,513	61,513	69,065	69,065	90,808
Reserve for Contingency	-	-	370,391	2,131,024	593,376
Sub-Total Transfers and Contingency	**6,265,630**	**5,944,648**	**6,352,481**	**6,311,660**	**6,320,508**
Total Expenses	***12,949,553***	***12,492,314***	***12,629,373***	***12,754,951***	***12,416,250***
Revenue Over/(Under) Expense	**(208,337)**	**1,130,038**	**0**	**0**	**0**

OVIEDO
Florida

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.

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Budget	FY 13-14 Amended Budget	FY 14-15 Budget
Salaries	144,506	229,992	250,516	250,516	253,613
Benefits	40,497	48,313	34,513	34,513	65,908
Operating	123,641	98,612	114,218	121,573	123,796
Capital	-	-	319,000	418,145	167,500
Total	**308,644**	**376,917**	**718,247**	**824,747**	**610,817**

Budget Highlights

The FY 14-15 budget reflects an overall decrease from FY 13-14. The decrease is primarily due to a decrease in the funding for capital projects. Operating expenses increased slightly 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. 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

	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15
Total	2.50	2.50	3.50	4.50	4.50

Utility Billing/Customer Service - 3301

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.

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Budget	FY 13-14 Amended Budget	FY 14-15 Budget
Salaries	247,373	235,394	250,828	250,828	290,758
Benefits	67,200	60,680	69,480	69,480	74,956
Operating	268,785	261,896	257,255	262,476	298,700
Capital	-	-	-	-	-
Total	**583,358**	**557,970**	**577,563**	**582,784**	**664,414**

Budget Highlights

The FY 14-15 budget increased from FY 13-14. There was an increase in salaries and benefits due to the addition of a new customer service position. There was also 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. There will also be increased costs in FY 14-15 due to new development and the addition of approximately 300 new customers.

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
Input/Demand					
# of Utility accounts (monthly average)	12,554	13,818	13,200	13,200	13,200
Workload/Output					
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
Effectiveness/Service Quality					
% 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%
Efficiency					
Cost per meter read	3.87	3.85	3.85	3.89	4.43

Personnel Summary

	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15
Total	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
Salaries	274,609	240,565	241,751	241,751	246,895
Benefits	81,666	68,338	71,796	71,796	66,682
Operating	1,084,886	925,945	1,097,884	1,100,584	1,093,333
Capital	-	-	-	-	-
Total	**1,441,161**	**1,234,848**	**1,411,431**	**1,414,131**	**1,406,910**

Budget Highlights

The FY 14-15 budget idecreased slightly over FY 13-14.

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
Input/Demand					
Population	34,012	34,573	34,573	34,573	34,965
Workload/Output					
# 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
Effectiveness/Service Quality					
% water produced within FDEP compliance	100%	100%	100%	100%	100%
% satisfaction rating good or better for service	85%	85%	85%	85%	85%
Efficiency					
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
Total	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
Salaries	234,970	274,004	273,893	273,893	295,242
Benefits	74,711	89,754	89,462	89,462	86,975
Operating	233,990	143,678	276,535	277,035	162,478
Capital	-	-	-	4,578	-
Total	543,671	507,436	639,890	644,968	544,695

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
Input/Demand					
# 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
Workload/Output					
# 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 read)	167	167	119	119	1,044
# hydrants maintained	71	71	23	23	20
Effectiveness/Service Quality					
% 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%
Efficiency					
Cost per work order	86.06	86.01	81.02	81.02	56.31
Cost per mile to maintain distribution	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
Total	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
Salaries	35,724	36,581	37,026	37,026	38,098
Benefits	15,350	13,732	14,091	14,091	13,735
Operating	173,412	158,572	224,854	224,854	128,542
Capital	-	-	-	46,000	-
Total	**224,486**	**208,885**	**275,971**	**321,971**	**180,375**

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
Input/Demand					
Bulk Reclaimed Water Cost	117,208	103,884	144,746	144,746	144,746
Workload/Output					
# 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
Effectiveness/Service Quality					
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
Efficiency					
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
Total	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.

	FY 11-12 Actual	FY 12-13 Budget	FY 12-13 Amended Budget	FY 13-14 Budget	FY 14-15 Budget
Salaries	86,836	48,612	49,598	49,598	50,826
Benefits	24,285	17,282	20,352	20,352	17,290
Operating	33,300	28,427	33,590	33,790	35,087
Capital	-	-	-	-	-
Total	**144,421**	**94,321**	**103,540**	**103,740**	**103,203**

Budget Highlights

The FY 14-15 budget remained essentially unchanged from the FY 13-14 budget. 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
Input/Demand					
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
Workload/Output					
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
Effectiveness/Service Quality					
% 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%
Efficiency					
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
Total	2.00	2.00	1.00	1.00	1.00

Wastewater Collection & Reuse Distribution - 3501

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
Salaries	115,340	121,603	127,944	127,944	195,652
Benefits	39,258	39,311	40,181	40,181	48,995
Operating	742,157	797,169	797,792	938,492	1,082,764
Capital	-	-	-	-	-
Total	**896,755**	**958,083**	**965,917**	**1,106,617**	**1,327,411**

Budget Highlights

The FY 14-15 budget increased over FY 13-14. Salaries and benefits increased 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. Operating expenses due to the following: 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; an increase in 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.

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
Input/Demand					
Bulk Sewer transmission cost	626,965	701,721	516,087	516,087	421,000
Workload/Output					
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	# ######	60,000	60,000	25,000
Linear feet of force main	76,640	76,640	187,196	187,196	188,896
Effectiveness/Service Quality					
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	-	-	10.00	10.00	5.00
Efficiency					
Program cost per 1000 gallons	-	-	6.25	6.25	13.84
Transmission cost per customer served	-	-	52.31	52.31	45.63

Personnel Summary

	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15
Total	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
Salaries	252,306	263,936	271,056	271,056	228,764
Benefits	71,677	75,578	76,930	76,930	63,540
Operating	1,089,283	1,054,736	1,227,847	1,075,252	937,450
Capital	-	-	8,500	21,095	-
Total	**1,413,266**	**1,394,250**	**1,584,333**	**1,444,333**	**1,229,754**

Budget Highlights

The FY 14-15 overall budget decreased 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
Input/Demand					
Population	34,012	34,573	34,573	34,573	34,965
Workload/Output					
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
Effectiveness/Service Quality					
Reuse redirected to ponds (MG)	105	140	122	122	180
Monitoring Well Violations	1	-	-	-	-
Efficiency					
Permitted capacity (MG) per day	1.5350	1.5350	1.5350	1.5350	2.4000
% 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
Total	5.00	4.50	5.50	5.50	4.50

WATER/WASTEWATER UTILITY FUND (401)

Revenue	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	TOTAL
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
Total: Water/Wastewater Util. Improvements	**417,500**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**1,317,500**

Expenditures											
- 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
Total: Water/Wastewater Util. Improvements	**417,500**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**1,317,500**

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:

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

FUNDING SCHEDULE:

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

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 tretment plant. A 12 inch main to Central Blvd. will improve water transmission efficiency and reliability.

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

EXPENDITURE SCHEDULE:

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

FUNDING SCHEDULE:

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

Project Cost Elements	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	TOTAL
10" Loop connecter	32,500	-	-	-	-	-	-	-	-	-	32,500
											-
TOTAL	32,500	-	-	-	-	-	-	-	-	-	32,500

FUNDING SCHEDULE:

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

Reclaimed Water System Construction Fund (402)

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
Revenues					
ST JOHNS WATER MNGT DISTRICT	396,164	-	-	39,444	-
INTEREST	(677)	(990)	-	-	-
CHANGE IN FAIR VALUE-INV	283	334	-	-	-
TRANSFER FROM WATER IMPACT	-	-	-	59,166	-
TOTAL REVENUE	395,770	(656)	-	98,610	-
PRIOR YEAR BUDGETARY C/F	-	-	-	1,528,745	-
Total Revenues	**395,770**	**(656)**	**-**	**1,627,355**	**-**
Expenditures					
METERS	-	-	-	98,610	-
TOTAL OPERATING EXPENSES	-	-	-	98,610	-
CIVIL ENGINEERS	14,565	-	-	-	-
RECLAIMED WATER LINES	1,117,682	198,280	-	1,528,745	-
TOTAL CAPITAL	1,132,247	198,280	-	1,528,745	-
DEPRECIATION EXPENSE	138,559	192,319	-	-	-
Total Expenditures	1,270,806	390,599	-	1,627,355	-

RECLAIMED WATER SYSTEM CONST FUND (402)

Revenue	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	TOTAL
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
Total: Reclaimed Water System Const. Fund	**-**	**-**	**-**	**-**	**-**	**305,000**	**265,000**	**2,383,859**	**1,620,905**	**2,608,842**	**7,183,606**

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

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 recalimed system over the last 5 years. As described in the 2011 Master Reclaimed Plan and 2014 Master Water Plan, reclaimed water helps creates a sustainble water resource by reducing potable water use in yards and recharge the Floridan drinking water aquifer. The Master Plans also describle future reclaimed expansions that may be required to maintain a sustainble 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:

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

FUNDING SCHEDULE:

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

Utility Revenue Bond/SRF Sinking Fund (403)

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
Revenues					
TRANSFER FROM UTILITY FUND	4,233,560	3,994,851	4,238,811	2,220,981	3,652,268
TRANSFER FROM SEWER IMPACT	-	40,975	-	-	40,506
TRANSFER FROM WATER IMPACT	-	234,029	-	-	231,349
TOTAL REVENUE	4,233,560	4,269,855	4,238,811	2,220,981	3,924,123
PRIOR YEAR BUDGETARY C/F	-	-	-	-	-
Total Revenues	**4,233,560**	**4,269,855**	**4,238,811**	**2,220,981**	**3,924,123**
Expenditures					
2003, GOB/LMTD AD VALOREM	-	-	170,000	85,000	-
2004 UTILITY REFUND 1996	-	-	250,000	208,333	-
2007 REVENUE BONDS	-	-	162,000	-	162,000
2010A UTIL REV BONDS T/E	-	-	535,000	-	535,000
2014 UTILITY REF REV BOND	-	-	-	-	106,000
2014A UTIL REF REV BOND	-	-	-	-	49,000
GENERATOR LEASE	-	-	87,271	87,271	90,619
PERFORM CONTRACT SIEMENS	-	-	233,778	233,778	241,675
SRF LOAN - 2006	-	-	168,541	168,541	173,139
SRF LOAN - 2012	-	-	-	-	41,776
TOTAL PRINCIPAL	-	-	1,606,590	782,923	1,399,209
2003, GOB/LMTD AD VALOREM	351,319	346,669	341,669	170,834	-
2004 UTILITY REFUND 1996	171,410	163,773	154,173	128,478	-
2007 REVENUE BONDS	124,794	119,004	112,982	56,491	109,855
2010A UTIL REV BONDS T/E	118,813	108,413	97,813	48,907	92,463
2010B UTIL REV BONDS BABS	1,784,472	1,784,472	1,784,472	892,236	1,784,472
2014 UTILITY REF REV BOND	-	-	-	-	244,829
2014A UTIL REF REV BOND	-	-	-	-	58,594
GENERATOR LEASE	12,268	9,163	5,939	5,939	2,591
PERFORM CONTRACT SIEMENS	72,599	63,583	57,618	57,618	49,710
SRF LOAN - 2006	77,325	72,486	69,005	69,005	64,406
SRF LOAN - 2012	-	-	-	-	115,594
TOTAL INTEREST	2,713,000	2,667,563	2,623,671	1,429,508	2,522,514

Utility Revenue Bond/SRF Sinking Fund (403)

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
Expenditures, cont'd					
2003,GOB,LMTD AD VALOREM	-	2,400	-	-	-
2004 UTILITY REFUND 1996	300	4,350	2,550	2,550	-
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
TOTAL OTHER	300	10,950	8,550	8,550	2,400
AMORTIZATION OF DISCOUNT	(3,171)	(4,316)	-	-	-
TOTAL DEBT SERVICE	2,710,129	2,674,197	4,238,811	2,220,981	3,924,123
DEPRECIATION EXPENSE	927,387	1,011,695	-	-	-
Total Expenditures	3,637,516	3,685,892	4,238,811	2,220,981	3,924,123

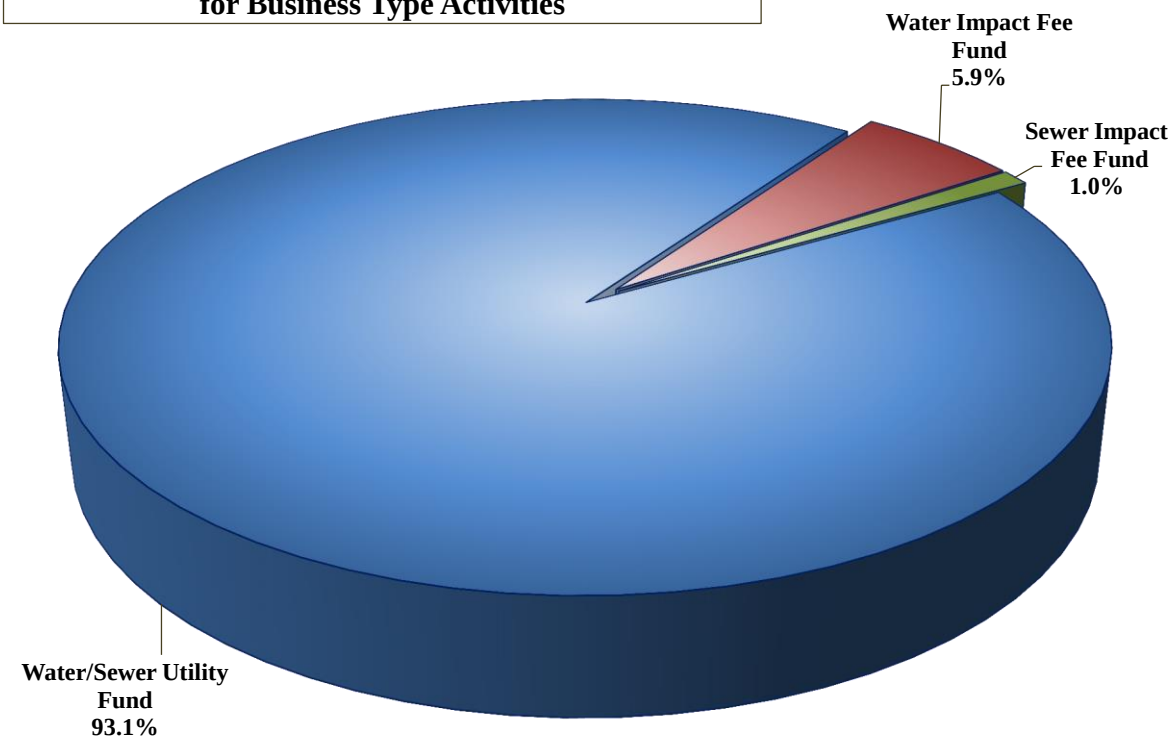
Schedule of Debt Service Requirements, Business Type Activities

	FY 2014/15 Debt Service Requirements	Percent of Total Debt Service Requirement	Total Debt Service Requirements: Principal Outstanding 10/1/2014	Total Debt Service Requirements: Total Interest to Maturity at 10/1/2014	Total Debt Service Requirements: Requirements to Maturity
Business Type Activities:					
Revenue Notes Supported by Enterprise Funds					
Utility Revenue Note Series 2007	271,855	6.93%	2,927,000	859,795	3,786,795
Utility Refunding Revenue Note Series 2014	350,829	8.94%	8,054,000	3,181,114	11,235,114
Utility Refunding Revenue Note Series 2014A	107,594	2.74%	3,628,000	572,232	4,200,232
Revenue Bonds Supported by Enterprise Funds					
Utility Revenue Bonds Series 2010A	627,463	15.99%	4,030,000	380,300	4,410,300
Utility Revenue Bonds Series 2010B	1,784,472	45.47%	30,820,000	36,025,770	66,845,770
Notes Payable					
State Revolving Fund Loan Series 2006	237,545	6.05%	2,419,618	430,929	2,850,547
State Revolving Fund Loan Series 2012	157,370	4.01%	2,278,892	868,494	3,147,386
Leases					
Generator Lease	93,210	2.38%	90,619	2,591	93,210
Siemens Lease	291,385	7.42%	1,578,323	169,985	1,748,308
Debt Service Costs					
Arbitrage	2,400	0.06%	-	-	-
Other Debt Service Costs	300	0.01%	-	-	-
Total Business Type Activities	***$ 3,924,423***	***100.00%***	***$ 55,826,452***	***$ 42,491,210***	***$ 98,317,662***

Budget Guidelines:

	Actual	Guideline	Income Available for Debt Service
Debt Service coverage should be a minimum of 125% in the Water/Wastewater Fund	316.38%	>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:	*2007 Utility Revenue Bond*		*2010A Utility Revenue Bond*		*2010B Utility Revenue Bond*	
Fiscal Year Ending Sept. 30,	**Principal**	**Interest**	**Principal**	**Interest**	**Principal**	**Interest**
2015	162,000	109,855	535,000	92,463	-	1,784,472
2016	168,000	103,487	555,000	81,563	-	1,784,472
2017-2021	941,000	413,194	2,940,000	206,274	-	8,922,359
2022-2026	1,138,000	213,072	-	-	3,425,000	8,503,568
2027-2031	518,000	20,187	-	-	4,785,000	7,443,082
2032-2040	-	-	-	-	22,610,000	7,587,817
	$ 2,927,000	**$ 859,795**	**$ 4,030,000**	**$ 380,300**	**$ 30,820,000**	**$ 36,025,770**
Issue Amount:	3,752,000		5,080,000		30,820,000	
Term:	20 Years (Matures in 2027)		10 Years (Matures in 2020)		30 Years (Matures in 2030)	
Revenue Pledged:	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	
Purpose:	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.		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:	*2014 Utility Revenue Bond*		*2014A Utility Revenue Bond*		*SRF 2006*	
Fiscal Year Ending Sept. 30,	**Principal**	**Interest**	**Principal**	**Interest**	**Principal**	**Interest**
2015	106,000	244,829	49,000	58,594	173,139	64,406
2016	195,000	245,721	288,000	85,875	177,863	59,683
2017-2021	1,089,000	1,130,227	1,548,000	316,575	964,809	222,919
2022-2026	1,262,000	946,230	1,743,000	111,188	1,103,807	83,921
2027-2031	3,731,000	561,350	-	-	-	-
2032-2040	1,671,000	52,757	-	-	-	-
	$ 8,054,000	**$ 3,181,114**	**$ 3,628,000**	**$ 572,232**	**$ 2,419,618**	**$ 430,929**
Issue Amount:	8,054,000		5,360,000		3,656,548	
Term:	18 Years (Matures in 2032)		10 Years (Matures in 2025)		20 Years (Matures in 2026)	
Revenue Pledged:	Net revenues derived from operation of water/sewer system and impact fees imposed on new users connecting to the utility 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.	
Purpose:	Refunded the 2003 Utility Revenue Bonds which financed the cost of the design, permitting, acquisition and construction of the Mitchell Hammock Water Treatment Plant.		Refunded the 2004 Utility Revenue Bond which Refunded 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.			

Debt Service Requirements to Maturity

Business Type Activities Bonds/Notes

Name:	*SRF 2012*		
Fiscal Year Ending Sept. 30,	**Principal**	**Interest**	**Total Business Type Activity Debt**
2015	41,776	115,594	3,537,128
2016	87,585	69,785	3,902,034
2017-2021	481,440	305,406	19,481,203
2022-2026	562,873	223,973	19,316,632
2027-2031	658,080	128,766	17,845,465
2032-2040	447,138	24,970	32,393,682
	$ 2,278,892	**$ 868,494**	**$ 96,476,144**

Issue Amount:	2,278,892
Term:	20 Years (Matures in 2034)
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:	*Siemens Lease*		*Equipment Leases*			
Fiscal Year Ending Sept. 30,	**Principal**	**Interest**	**Principal**	**Interest**	**Total Leases**	**Total Business Type Activity Debt**
2015	241,675	49,710	90,619	2,591	384,595	3,921,723
2016	249,848	41,536	-	-	291,384	4,193,418
2017-2021	1,086,800	78,739	-	-	1,165,539	20,646,742
2022-2026	-	-	-	-	-	19,316,632
2027-2031	-	-	-	-	-	17,845,465
2032-2040	-	-	-	-	-	32,393,682
	$ 1,578,323	**$ 169,985**	**$ 90,619**	**$ 2,591**	**$ 1,841,518**	**$ 98,317,662**
Issue Amount:	3,509,107		769,461			
Term:	10 Years (Matures in 2020)		15 Years (Matures in 2015)			
Revenue Pledged:	The assets of the energy improvements and the meters serve as collateral for the lease purchase.		No pledged revenues			
Purpose:	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.			

OVIEDO
Florida

Water/Wastewater R & R Fund (406)

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
Revenues					
INTEREST	21,041	13,397	16,000	16,000	13,000
CHANGE IN FAIR VALUE-INV	(1,104)	(4,448)	-	-	-
TRANSFER FROM UTILITY FUND	615,453	615,453	612,300	612,300	555,790
TOTAL REVENUE	635,390	624,402	628,300	628,300	568,790
PRIOR YEAR BUDGETARY C/F	-	-	-	756,488	859,960
Total Revenues	**635,390**	**624,402**	**628,300**	**1,384,788**	**1,428,750**
Expenditures					
LIFT STATION EQUIP	27,777	42,060	76,500	280,824	65,000
METERS	-	205,204	90,000	110,050	135,000
PLANT EQUIPMENT	-	26,403	287,000	285,530	296,750
REPAIR AND MAINT/OTHER	-	24,080	-	2,163	-
WATER LINES	27,758	-	-	65,000	-
TOTAL OPERATING EXPENSES	55,535	297,747	453,500	743,567	496,750
LIFT STATION EQUIPMENT	-	53,987	-	-	337,000
MACHINERY & EQUIPMENT	-	-	-	108,546	121,000
OTHER IMPROV OTHER BLDGS	178,368	-	113,800	113,800	164,000
OTHER MACHINERY & EQUIP	-	25,425	-	57,875	-
SEWER LINES	-	-	61,000	61,000	185,000
WATER LINES	-	15,082	-	-	75,000
TOTAL CAPITAL	178,368	94,494	174,800	341,221	882,000
DEPRECIATION EXPENSE	261,029	363,131	-	-	-
GENERAL FUND	55,162	52,800	-	-	-
RECREATION FACILITY IMPRV FUND	-	-	-	300,000	-
WATER & SEWER FUND	67,607	-	-	-	-
TOTAL TRANSFERS OUT	122,769	52,800	-	300,000	-
RESERVE FOR CONTINGENCIES	-	-	-	-	50,000
Total Expenditures	617,701	808,172	628,300	1,384,788	1,428,750

WATER/WASTEWATER R & R FUND (406)

Revenue	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	TOTAL
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
Total Revenues	**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**

Expenditures	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	TOTAL
Renewal and Replacement Projects - Distribution System											
- 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
Sub Total: Renewal & Replacement Projects - Dist. Sys.	**279,250**	**204,250**	**204,250**	**204,250**	**204,250**	**204,250**	**204,250**	**204,250**	**204,250**	**204,250**	**2,117,500**
Renewal and Replacement Projects - Water Plant											
- 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
Sub Total: Renewal and Replacement - Water Plant	**137,500**	**67,500**	**70,000**	**72,500**	**75,000**	**77,500**	**80,000**	**82,500**	**85,000**	**87,500**	**835,000**
Renewal and Replacement Projects - Wastewater System											
- 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
Sub Total: Renewal and Replacement W/W System	**652,000**	**365,000**	**65,000**	**65,000**	**65,000**	**65,000**	**65,000**	**65,000**	**65,000**	**65,000**	**1,537,000**
Renewal and Replacement Projects - Wastewater Plant											
- 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
Sub Total: Renewal and Replacement W/W Plant	**310,000**	**505,000**	**227,500**	**245,250**	**82,500**	**140,000**	**87,500**	**90,000**	**92,500**	**95,000**	**1,875,250**
Contingency	**50,000**	-	-	-	-	-	-	-	-	-	**50,000**
Total: Water/Wastewater R&R Fund	**1,428,750**	**1,141,750**	**566,750**	**587,000**	**426,750**	**486,750**	**436,750**	**441,750**	**446,750**	**451,750**	**6,364,750**

CAPITAL IMPROVEMENT REQUEST FORM

FY: 2014-2015 **PRIORITY:**

PROJECT TITLE: System **PROJECT LOCATION:** Entire system

PROJECT DESCRIPTION: Renewal and Replacment of Infrustructure and Equipment for Utility Sytem

JUSTIFICATION/COMMENTS: R&R inlcudes anticipated annual renewal and replacement based on experience or useful life evaluation.

Also includes funds for repair or replacment of infrastructure and equipment that is currently in good working order, but in window failure.

EXPENDITURE SCHEDULE:

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	TOTAL
Project Cost Elements											
Collections: 3501											
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
Distribution 3303											
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 Conflrict 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
Wastewater Plant 3503											
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….. Electic 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
Water Plant 3302											
Paint Buildings	25,500	(Paint Building to weather proof help weather proof elecronics)									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
TOTAL	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

FUNDING SCHEDULE:

Source of Funding	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	TOTAL
											-
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
											-
TOTAL	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

Vehicle and Equipment Replacement Fund (407)

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
Revenues					
CHARGES FOR SERVICE	-	-	-	-	82,969
INTEREST	3,766	2,116	3,000	3,000	2,100
CHANGE IN FAIR VALUE-INV	(84)	(722)	-	-	-
TRANSFER FROM UTILITY FUND	107,471	38,773	42,928	42,928	113,369
TOTAL REVENUE	111,153	40,167	45,928	45,928	198,438
PRIOR YEAR BUDGETARY C/F	-	-	(20,428)	(20,428)	378,107
Total Revenues	**111,153**	**40,167**	**25,500**	**25,500**	**576,545**
Expenditures					
OTHER MACHINERY & EQUIP	-	-	-	-	58,000
VEHICLES	147,583	-	25,500	25,500	495,750
TOTAL CAPITAL	147,583	-	25,500	25,500	553,750
DEPRECIATION EXPENSE	45,642	41,387	-	-	-
VEHICLE REPLACEMENT FUND	-	38,773	-	-	-
TOTAL TRANSFERS OUT	-	38,773	-	-	-
RESERVE FOR CONTINGENCIES	-	-	-	-	22,795
Total Expenditures	193,225	80,160	25,500	25,500	576,545

VEHICLE & EQUIPMENT REPLACEMENT FUND (407)

Revenue	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	TOTAL
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
Total: Vehicle & Equipment Replacement	**553,750**	**21,000**	**72,000**	**300,500**	**78,000**	**88,000**	**150,000**	**110,000**	**-**	**25,000**	**1,398,250**

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
SubTotal: Vehicle/Equipment Replacement	**553,750**	**21,000**	**72,000**	**300,500**	**78,000**	**88,000**	**150,000**	**110,000**	**-**	**25,000**	**1,398,250**
Total: Vehicle & Equipment Replacement	**553,750**	**21,000**	**72,000**	**300,500**	**78,000**	**88,000**	**150,000**	**110,000**	**-**	**25,000**	**1,398,250**
	-	-	-	-	-	-	-	-	-	-	-

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:

Project Cost Elements	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	TOTAL
Vehicle Replacement:											
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
TOTAL	**2,042,020**	**682,200**	**1,128,400**	**1,028,100**	**620,200**	**559,400**	**479,000**	**715,000**	**1,061,000**	**253,000**	**8,568,320**

FUNDING SCHEDULE:

Source of Funding	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	TOTAL
Vehicle Replace. Funds											
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
TOTAL	**2,042,020**	**682,200**	**1,128,400**	**1,028,100**	**620,200**	**559,400**	**479,000**	**715,000**	**1,061,000**	**253,000**	**8,568,320**

FY 2014-2015

VEHICLE REPLACEMENT SCHEDULE

DEPARTMENT	Dept.	FLEET NO.	YEAR	MAKE	MODEL	PROJECTED MILEAGE*	EST. COST
Police							
- 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
Public Works							
- 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
Recreation & Parks							
- 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
Fire Rescue							
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
Utilities							
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

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

FY 2015-2016
VEHICLE REPLACEMENT SCHEDULE

DEPARTMENT	Dept.	FLEET NO.	YEAR	MAKE	MODEL	PROJECTED MILEAGE*	EST. COST
Police							
- 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
Fire Rescue							
Fire Suppression	2201	R48	2009	Pierce	Med Tec	146,500	298,000
Fire Prevention	2202	5929	2002	Ford	Explorer	100,000	35,000
Public Works							
Fleet	4104	705	2002	Ford	Explorer	120,000	30,000
- Grounds Maintenance	4106	908	2006	Ford	F-350Dump	77,000	75,000
Recreation & Parks							
- Facility Maintenance	7200	1002	2001	Ford	F-150	95,000	21,000
Utilities							
- Water Production	3302	503	2001	Ford	F-150	105,000	21,000
Wastewater							
Water Distribution							

*projected mileage at time of replacement

ehicle Replacement Fund (302)	**$661,200**
tewater Vehicle Replacement Fund (407)	**$21,000**
of Vehicles/Equipment to be Replaced	**12**
Vehicles/Equipment Added to Fleet	**0**

FY 2016-2017
VEHICLE REPLACEMENT SCHEDULE

DEPARTMENT	Dept.	FLEET NO.	YEAR	MAKE	MODEL	PROJECTED MILEAGE*	EST. COST
Police							
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
Public Works							
Streets	4107	902	2005	Ford	F-150	103,000	21,000
Fire Rescue							
Fire Suppression	2201	E46	2007	Pierce	Quantum	103,000	725,000
Recreation & Parks							
Facilities Maintenance	7200	1463	2000	Chevy	Cargo Van	106,000	21,000
							0
							0
Utilities							
Distribution	3303	619	2008	Ford	F-550 Utility	140,000	72,000

*projected mileage at time of replacement

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

FY 2017-2018
VEHICLE REPLACEMENT SCHEDULE

DEPARTMENT	Dept.	FLEET NO.	YEAR	MAKE	MODEL	PROJECTED MILEAGE*	EST. COST
Police							
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
Fire Rescue							
Fire Suppression	2201	R46	2009	Pierce	Med Tec	115,000	327,000
Public Works							
Stormwater	3802	722	2006	Ford	Escape	110,000	21,000
Streets	4107	550	1999	Cat	928G Loader	10,000	175,000
Recreation & Parks							
Parks	7204	1025	2005	Ford	Ranger	108,000	21,000
Parks	7204	203	1999	John Deere	4300 Tractor	2,800	30,000
							0
Utilities							
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

Vehicle Replacement Fund (302)	**$727,600**
Water/Wastewater Vehicle Replacement Fund (407)	**$300,500**
Number of Vehicles/Equipment to be Replaced	**14**
New Vehicles/Equipment Added to Fleet	**0**

FY 2018-2019
VEHICLE REPLACEMENT SCHEDULE

DEPARTMENT	Dept.	FLEET NO.	YEAR	MAKE	MODEL	PROJECTED MILEAGE*	EST. COST
Police							
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
Fire Rescue							
Fire Suppression	2201	R48	2009	Pierce	Med Tec	115,000	327,000
Public Works							
Arborist	4106	700	2005	Ford	F-150 4X4	105,000	28,000
Engineering	1901	715	2005	Ford	F-150 4X4	108,000	28,000
Recreation & Parks							
							0
							0
							0
Utilities							
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

Vehicle Replacement Fund (302)	**$542,200**
Water/Wastewater Vehicle Replacement Fund (407)	**$78,000**
Number of Vehicles/Equipment to be Replaced	**10**
New Vehicles/Equipment Added to Fleet	**0**

FY 2019-2020
VEHICLE REPLACEMENT SCHEDULE

DEPARTMENT	Dept.	FLEET NO.	YEAR	MAKE	MODEL	PROJECTED MILEAGE*	EST. COST
Police							
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
Fire Rescue							
Fire Suppression	2202	4045	2009	Ford	Expedition	100,000	40,000
Prevention	2202	6692	2006	Ford	Explorer	114,000	38,000
Fire	2200	6693	20069	Ford	Explorer	107,000	38,000
Public Works							
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
Recreation & Parks							
Facilities Maintenance	1910	618	2007	Ford	Cargo Van	80,000	38,000
Parks	7204	240	2006	Toro	Reel Mower	3,000	45,000
Utilities							
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

Vehicle Replacement Fund (302)	**$471,400**
Water/Wastewater Vehicle Replacement Fund (407)	**$88,000**
Number of Vehicles/Equipment to be Replaced	**17**
New Vehicles/Equipment Added to Fleet	**0**

FY 2020-2021
VEHICLE REPLACEMENT SCHEDULE

DEPARTMENT	Dept.	FLEET NO.	YEAR	MAKE	MODEL	PROJECTED MILEAGE*	EST. COST
Police							
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
Public Works							
Fleet	4104	524	2006	Ford	Focus	115,000	21,000
Recreation & Parks							
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
Utilities							
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

Vehicle Replacement Fund (302)	**$329,000**
Water/Wastewater Vehicle Replacement Fund (407)	**$150,000**
Number of Vehicles/Equipment to be Replaced	**12**
New Vehicles/Equipment Added to Fleet	**0**

FY 2021-2022
VEHICLE REPLACEMENT SCHEDULE

DEPARTMENT	Dept.	FLEET NO.	YEAR	MAKE	MODEL	PROJECTED MILEAGE*	EST. COST
Police							
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
Fire Rescue							
Training	2203	6884	2007	Ford	F-150	100,000	30,000
Code Enforcement							
	2403	799	2007	Ford	Ranger	95,000	25,000
	2403	4007	2009	Ford	F-150	100,000	25,000
Public Works							
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
Recreation & Parks							
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
Utilities							
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

Vehicle Replacement Fund (302)	**$605,000**
Water/Wastewater Vehicle Replacement Fund (407)	**$110,000**
Number of Vehicles/Equipment to be Replaced	**17**
New Vehicles/Equipment Added to Fleet	**0**

FY 2022-2023
VEHICLE REPLACEMENT SCHEDULE

DEPARTMENT	Dept.	FLEET NO.	YEAR	MAKE	MODEL	PROJECTED MILEAGE*	EST. COST
Police							
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	Checy	Tahoe M	100,000	43,000
							0
Fire Rescue							
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
Public Works							
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
Recreation	7200	500	2007	Ford	Ranger	100,000	18,000
							0
Information Tech							0
	1303	400	2006	Ford	Focus	40,000	18,000
							0
Utilities							
							0

*projected mileage at time of replacement

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

FY 2023-2024
VEHICLE REPLACEMENT SCHEDULE

DEPARTMENT	Dept.	FLEET NO.	YEAR	MAKE	MODEL	PROJECTED MILEAGE*	EST. COST
Police							
							$0
							0
							0
							0
							0
							0
							0
Public Works							
Streets	**4107**	**4211**	**2002**	**Ford**	**F-550 Flatbed**	**200,000**	**75,000**
Streets	**4107**	**605**	**2007**	**Ford**	**F-550 Dump**	**61,000**	**75,000**
Recreation & Parks							
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**
Utilities							
Water plant	**3302**	**4016**	**2009**	**Ford**	**Ranger**	**86,000**	**25,000**

*projected mileage at time of replacement

Vehicle Replacement Fund (302)	**$228,000**
Water/Wastewater Vehicle Replacement Fund (407)	**$25,000**
Number of Vehicles/Equipment to be Replaced	
New Vehicles/Equipment Added to Fleet	**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:

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

FUNDING SCHEDULE:

Source of Funding	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	TOTAL
407 Vehicle Replacement	298,750	-	-	-	-	-	-	-	-	-	298,750
TOTAL	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 exercisedto 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:

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

FUNDING SCHEDULE:

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

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 dispsoal.

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 dispsoal.

EXPENDITURE SCHEDULE:

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

FUNDING SCHEDULE:

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

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:

Project Cost Elements	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	TOTAL
Utility Vehicle	33,000										33,000
TOTAL	**33,000**	-	-	-	-	-	-	-	-	-	**33,000**

FUNDING SCHEDULE:

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

Water System Impact Fee Fund (408)

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
Revenues					
WATER-RESIDENTIAL	99,975	16,461	40,000	40,000	59,000
WATER-COMMERCIAL	108,006	41,806	80,000	80,000	52,000
INTEREST	9,842	4,503	6,000	6,000	4,000
CHANGE IN FAIR VALUE-INV	(577)	(1,636)	-	-	-
TOTAL REVENUE	217,246	61,134	126,000	126,000	115,000
PRIOR YEAR BUDGETARY C/F	-	-	153,840	380,285	196,349
Total Revenues	**217,246**	**61,134**	**279,840**	**506,285**	**311,349**
Expenditures					
METERS	-	-	-	-	80,000
OTHER CURRENT CHARGES	-	-	-	2,324	-
OTHER PROFESSIONAL SVCS	5,956	31,508	40,000	43,492	-
WATER LINES	-	2,700	-	-	-
TOTAL OPERATING EXPENSES	5,956	34,208	40,000	45,816	80,000
WATER LINES	33,677	210,951	-	161,463	-
TOTAL CAPITAL	33,677	210,951	-	161,463	-
DEPRECIATION EXPENSE	27,792	30,319	-	-	-
UTILITY CONSTRUCTION FUND (402)	-	-	-	59,166	-
UTILITY DEBT SERVICE RSRV	-	234,029	234,010	48,074	231,349
WATER & SEWER FUND	-	-	5,830	5,830	-
TOTAL TRANSFERS OUT	-	234,029	239,840	113,070	231,349
RESERVE FOR CONTINGENCIES	-	-	-	185,936	-
Total Expenditures	67,425	509,507	279,840	506,285	311,349

WATER SYSTEM IMPACT FEE FUND (408)

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

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
Water Meters - New Development	80,000	-	-	-	-	-	-	-	-	-	80,000
Total: Water System Impact Fee	**80,000**	**480,000**	**-**	**-**	**69,000**	**1,235,525**	**1,088,100**	**1,200,000**	**-**	**-**	**4,152,625**

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:

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

FUNDING SCHEDULE:

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

Wastewater System Impact Fee Fund (409)

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
Revenues					
SEWER-RESIDENTIAL	7,564	400	40,000	40,000	45,000
SEWER-COMMERCIAL	67,621	19,740	60,000	60,000	22,000
INTEREST	8,964	4,073	7,000	7,000	5,000
CHANGE IN FAIR VALUE-INV	(464)	(2,104)	-	-	-
TOTAL REVENUE	83,685	22,109	107,000	107,000	72,000
PRIOR YEAR BUDGETARY C/F	-	-	384,441	366,026	-
Total Revenues	**83,685**	**22,109**	**491,441**	**473,026**	**72,000**
Expenditures					
LIFT STATION EQUIP	341	-	241,469	-	-
OTHER PROFESSIONAL SVCS	5,956	5,210	40,000	40,000	-
TOTAL OPERATING EXPENSES	6,297	5,210	281,469	40,000	-
CIVIL ENGINEERS	-	-	-	29,327	-
LIFT STATION EQUIPMENT	-	-	142,000	142,000	-
MACHINERY & EQUIPMENT	-	-	-	193,727	-
SEWER LINES	-	243,268	13,500	13,500	-
TOTAL CAPITAL	-	243,268	155,500	378,554	-
DEPRECIATION EXPENSE	13,606	15,577	-	-	-
UTILITY DEBT SERVICE RSRV	-	40,975	40,972	8,417	40,506
WATER & SEWER FUND	-	-	13,500	13,500	-
TOTAL TRANSFERS OUT	-	40,975	54,472	21,917	40,506
RESERVE FOR CONTINGENCIES	-	-	-	32,555	31,494
Total Expenditures	19,903	305,030	491,441	473,026	72,000

WASTEWATER SYSTEM IMPACT FEE FUND (409)

Revenue	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	TOTAL
Impact Fee Fund	31,494	-	-	-	-	-	-	-	-	-	31,494
Total: Wastewater System Impact Fee	**31,494**	**-**	**-**	**-**	**-**						**31,494**
Expenditures											
Contingency	31,494	-	-	-	-	-	-	-	-	-	31,494
Total: Wastewater System Impact Fee	**31,494**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**31,494**

Series 2007 Utility Construction Fund (415)

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
Revenues					
INTEREST	893	492	700	700	125
CHANGE IN FAIR VALUE-INV	(31)	(168)	-	-	-
TOTAL REVENUE	862	324	700	700	125
PRIOR YEAR BUDGETARY C/F	-	-	-	-	83,111
Total Revenues	**862**	**324**	**700**	**700**	**83,236**
Expenditures					
CIVIL ENGINEERS	-	-	-	-	83,236
TOTAL CAPITAL	-	-	-	-	83,236
DEPRECIATION EXPENSE	219,187	222,060	-	-	-
RESERVE FOR CONTINGENCIES	-	-	700	700	-
Total Expenditures	219,187	222,060	700	700	83,236

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

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
Revenues					
INTEREST	10,153	4,124	4,000	4,000	500
CHANGE IN FAIR VALUE-INV	(331)	(1,397)	-	-	-
TOTAL REVENUE	9,822	2,727	4,000	4,000	500
PRIOR YEAR BUDGETARY C/F	-	-	-	-	368,689
Total Revenues	**9,822**	**2,727**	**4,000**	**4,000**	**369,189**
Expenditures					
CIVIL ENGINEERS	-	-	-	-	96,889
GENERAL CONTRACTORS	-	-	-	-	272,300
WATER LINES	16,857	563,208	-	-	-
TOTAL CAPITAL	16,857	563,208	-	-	369,189
DEPRECIATION EXPENSE	186,944	215,386	-	-	-
RESERVE FOR CONTINGENCIES	-	-	4,000	4,000	-
Total Expenditures	203,801	778,594	4,000	4,000	369,189

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

	FY 11-12 Actual	FY 12-13 Actual	FY 13-14 Original Budget	FY 13-14 Amended Budget	FY 14-15 Budget
Revenues					
INTEREST	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
Total Revenues	**31,687**	**10,110**	**400,250**	**802,582**	**892,026**
Expenditures					
CIVIL ENGINEERS	-	-	84,000	84,000	-
GENERAL CONTRACTORS	-	-	-	-	892,026
LIFT STATION EQUIPMENT	-	-	62,000	77,000	-
MACHINERY & EQUIPMENT	-	-	-	9,685	-
OTHER IMPROV OTHER BLDGS	253,742	86,352	214,750	528,650	-
OTHER MACHINERY & EQUIP	-	-	39,500	39,500	-
RECLAIMED WATER LINES	125,115	-	-	-	-
SEWER LINES	-	879,200	-	63,747	-
WATER LINES	66,920	24,168	-	-	-
TOTAL CAPITAL	445,777	989,720	400,250	802,582	892,026
DEPRECIATION EXPENSE	1,063,712	1,215,577	-	-	-
Total Expenditures	1,509,489	2,205,297	400,250	802,582	892,026

2010 UTILITY REVENUE BOND FUNDS

Revenue		FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	TOTAL
Bond Proceeds:												
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
Total: 2010 Utility Revenue Bond Fund		**1,344,451**	-	-	-	-	-	-	-	-	-	**1,344,451**

Expenditures

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

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 acqusition 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 efficent 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" acquisiton 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:

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

FUNDING SCHEDULE:

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