



Purpose

It is the mission of the O'Fallon Public Works Department to achieve the highest possible quality of life for our residents and customers through effective planning, management, operation and maintenance of the City's sanitary sewer lines and 5.6 MGD Wastewater Treatment Plant (WWTP) serving O'Fallon and parts of the Village of Shiloh by all available means.

Accomplishments

- ❖ Treated 917,773,000 gallons of wastewater in Calendar Year (CY) 2012, down almost 2% compared to CY2011.
- ❖ Sold 39 sewer taps in CY2012; this number is down over 40% from the 66 sold in the CY2011.
- ❖ Completed the emergency repairs of 1,800' of sewer trunk main just west of the WWTP and Terminal Lift Station.
- ❖ Completed emergency repairs of the sanitary sewer main in the alley behind West 2nd St and West 3rd St between Cherry St and Oak St.
- ❖ Began emergency work to repair the sanitary sewer trunk main in the creek bed of Engle Creek near North Smiley Street and Deer Creek Road in the Winding Creek Subdivision.
- ❖ Completed the emergency sanitary sewer trunk main repairs at Quarry Road.
- ❖ Completed lining 152 manholes under the Manhole Lining Project Phase 2 with support of DCEO (Department of Commerce and Economic Opportunity, State of Illinois) Grant in the amount of \$96,000.
- ❖ Cleaned the North Sludge Lagoon at the Wastewater Treatment Plant (WWTP).
- ❖ Bid and began work for the WWTP's new ultra-violet disinfection system and headworks.
- ❖ Bid and completed the Augusta/Hilgard Sanitary Sewer Main Replacement.
- ❖ Purchased 3.1 acres immediately adjacent to WWTP's Terminal Lift Station for a "buffer" area.
- ❖ Purchased John Deere, 125 HP PTO, Compact Tractor for the plant. Larger unit needed to run new Dry Hill Pump.
- ❖ Replaced CCTV (closed circuit television) Camera Truck and equipment. The new camera can inspect larger diameter and corrugated metal pipe systems. Unit was lost in the 2012 Public Works Compound Fire.
- ❖ Replaced Vac Con Sewer Cleaning Truck and equipment. Unit was lost in the 2012 Public Works Compound Fire.
- ❖ Replaced Sewer Easement Machine and trailer. Unit was replaced per the insurance claim from the 2012 Public Works Compound Fire.
- ❖ Replaced Unit #24, single axle, dump truck with a tandem axle dump truck equipped with a snow plow and salt spreader.

Goals and Objectives

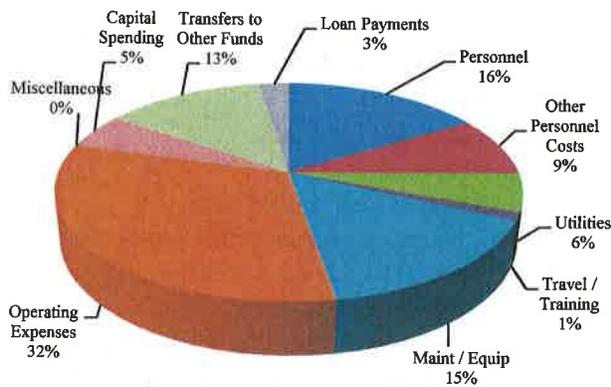
- ❖ Complete construction of new headworks building and UV disinfection.
- ❖ Continue manhole repairs as needed.
- ❖ Replace terminal lift station fencing as needed.
- ❖ Design and complete the Taylor Road sanitary sewer main extension.
- ❖ Complete the Memorial Hospital/Rasp Farms Sanitary Sewer Pipe Bursting Project.
- ❖ Install fencing at the new 8645 E Highway Public Works Facility.
- ❖ Clean the South Sludge Lagoon.
- ❖ Rebuild electric panel at Filter Building at WWTP.
- ❖ Vehicle/Equipment replacement/additions proposed for FY14 are:
 - Mr. Manhole Kit – Attachment for skid steer, used to provide better seating of manholes in paved areas.
 - John Deere Gator – Off road vehicle to replace pickup truck at WWTP for travel around the plant and to allow quicker trunk main inspections.

Wastewater Operations Fund 34-01 / 34-61

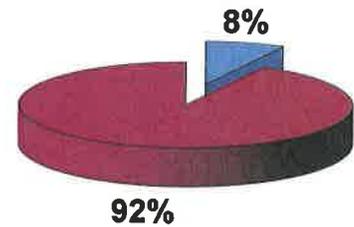
Category	FY14 Budget	FY13 Budget	% Change
Personnel Costs	\$894	\$939	(5)%
Other Personnel Costs	\$483	\$448	8%
Utilities	\$312	\$297	5%
Travel/Training	\$64	\$66	(2)%
Maintenance/Equip	\$858	\$1,052	(18)%
Operating Expenses	\$1,761	\$1,416	24%
Miscellaneous	\$1	\$5	(73)%
Capital Spending	\$291	\$513	(43)%
Transfer to Other Funds	\$728	\$750	(3)%
Loan Payments	\$140	\$7	2033%
TOTAL in \$000's	\$5,532	\$5,493	1%

- FY14 Budget WWTP \$2,679,855
- FY14 Budget Sewer \$2,852,185
- FY14 includes loan payments for New Headworks Disinfection

FY14 Budget by Category

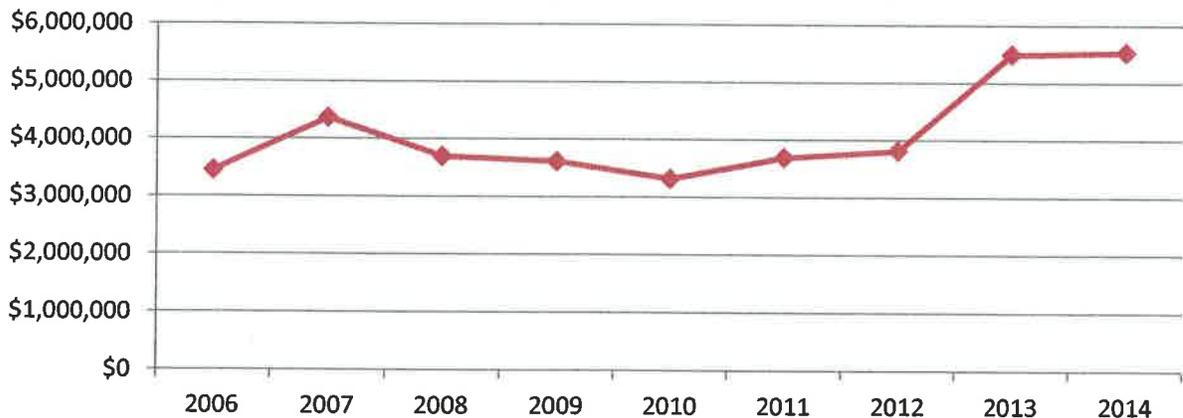


Wastewater Operations as a Percentage of the Total Budget

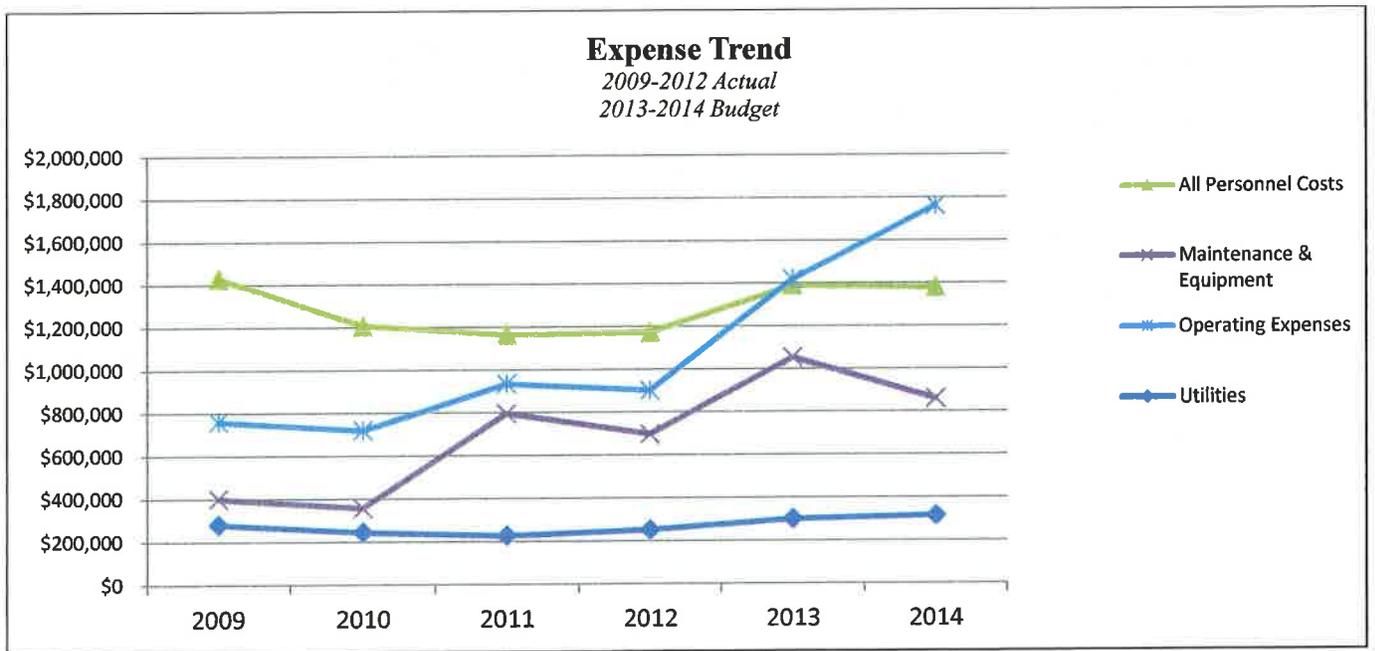
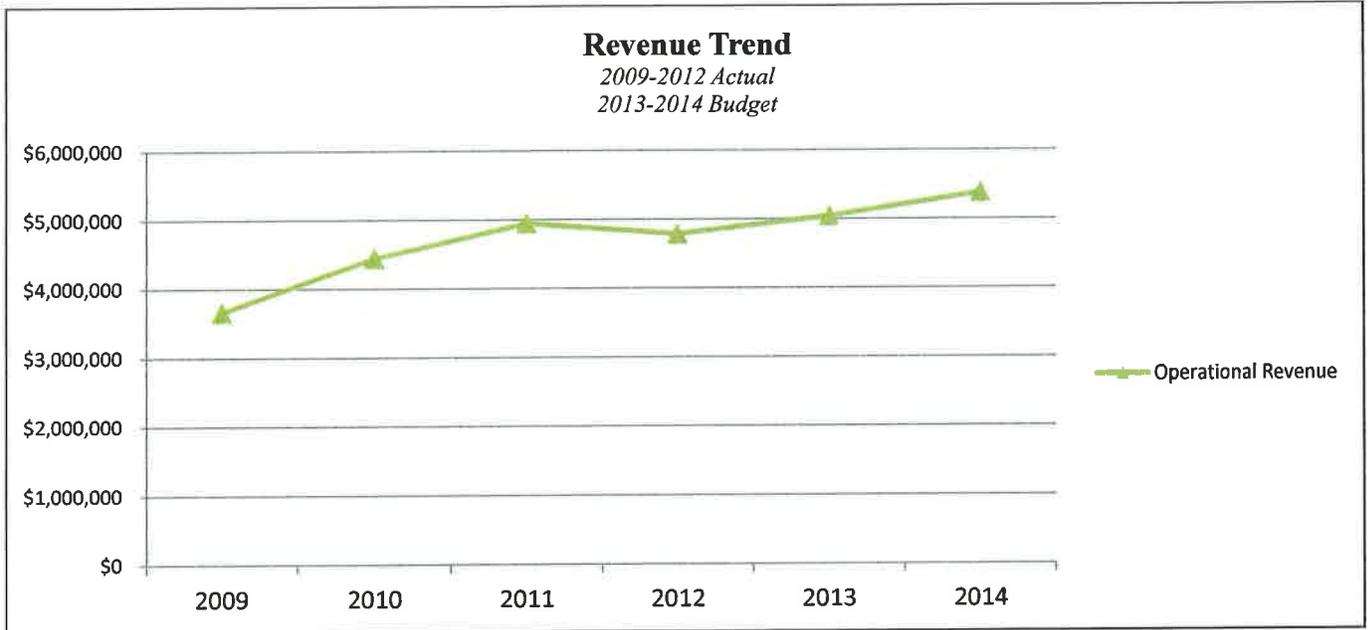


Expense Trend - Wastewater Operations

2006-2012 Actual
2013-2014 Budget

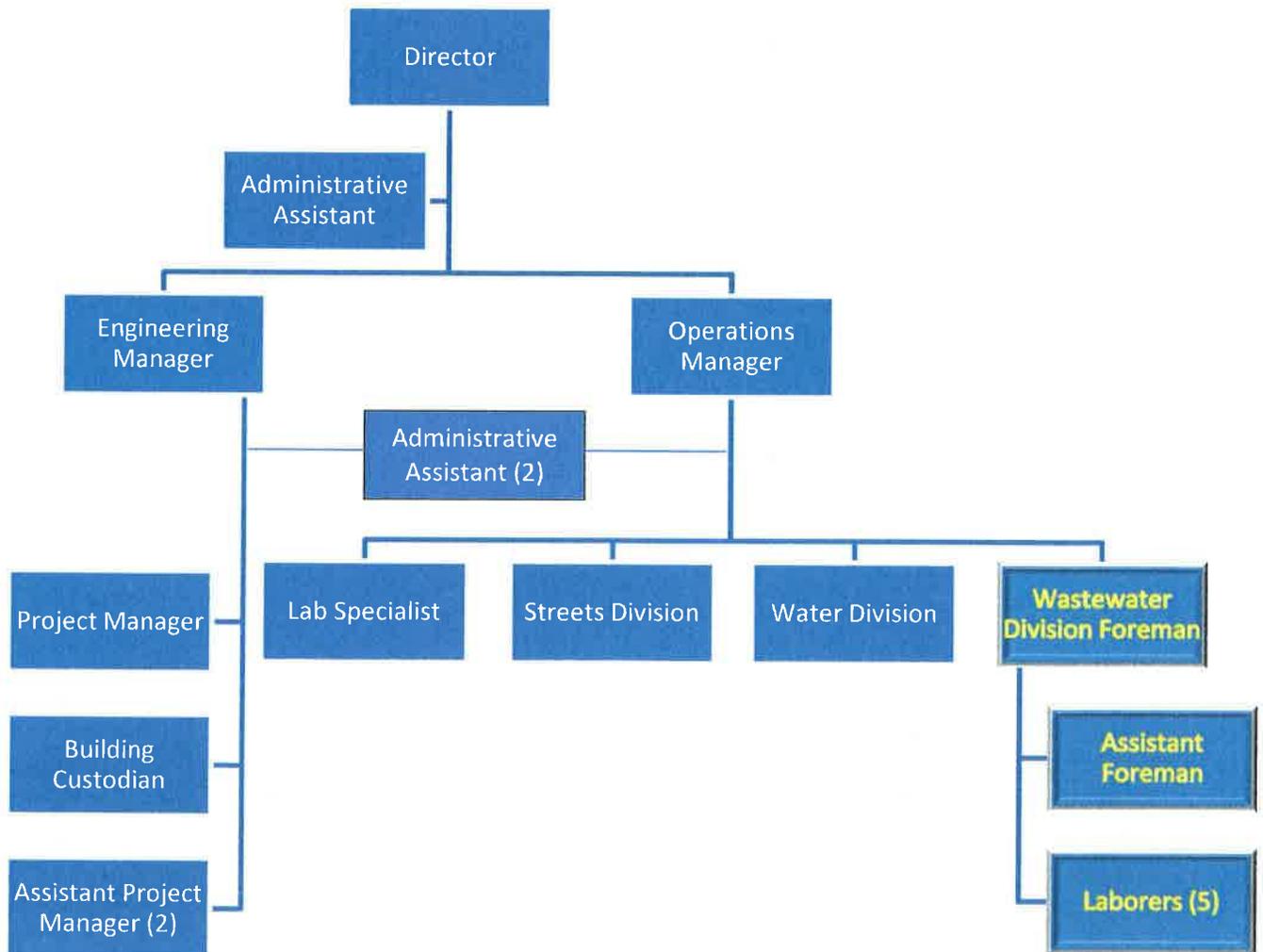


Dashboard Metrics – Trend by Classification



**Public Works has 43 positions based on past manning levels.
Currently, 35 Full Time Equivalent (FTE) positions are filled.**

Organizational Chart



Annual Budget by Classification - Wastewater Operations Revenue

Detail

	2009 Actual Amount	2010 Actual Amount	2011 Actual Amount	2012 Actual Amount	2013 Amended Budget	2014 Council - Level 3	% Change
Fund: 34 Sewer Oper & Maintenance							
Revenue							
<u>RE60 - Grants</u>							
3054 - Other State Grants	\$0.00	\$0.00	\$103,768.20	\$0.00	\$0.00	\$0.00	
3059 - Grant	\$0.00	\$0.00	\$61,063.55	\$0.00	\$0.00	\$0.00	
RE60 - Grants Totals	\$0.00	\$0.00	\$164,831.75	\$0.00	\$0.00	\$0.00	+++
<u>RE66 - INTEREST EARNED-IL FUNDS/INV./CHECKING ACCTS.</u>							
3000 - Interest Earned-CD/other	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
3072 - Illinois Funds Interest	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
RE66 - INTEREST EARNED-IL FUNDS/INV./CHECKING ACCTS. Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++
<u>RE70 - Miscellaneous</u>							
3520 - Sewer Excavation Permits	\$120.00	\$120.00	\$200.00	\$120.00	\$120.00	\$200.00	167%
3823 - Miscellaneous Income	\$2,250.00	\$2,250.00	\$2,250.00	\$2,250.00	\$2,000.00	\$2,000.00	100%
RE70 - Miscellaneous Totals	\$2,370.00	\$2,370.00	\$2,450.00	\$2,370.00	\$2,120.00	\$2,200.00	104%
<u>RE80 - Operational Revenue</u>							
3430 - Penalties	\$11,900.86	\$14,942.33	\$19,295.86	\$17,197.81	\$14,000.00	\$16,000.00	114%
3460 - Users Charge	\$430,421.08	\$845,552.47	\$1,061,789.41	\$1,052,551.85	\$1,000,000.00	\$1,155,000.00	116%
3508 - B.O.D. Sewer Charge	\$117,664.71	\$150,379.60	\$165,016.84	\$133,581.09	\$130,000.00	\$100,000.00	77%
3510 - Sewer Sales	\$2,698,435.26	\$3,045,838.32	\$3,355,612.95	\$3,204,231.69	\$3,566,000.00	\$3,780,000.00	106%
3540 - Tap on Fees	\$89,125.00	\$85,875.00	\$97,136.56	\$140,142.34	\$80,000.00	\$80,000.00	100%
3761 - ShilohValleySewerProceeds	\$308,822.12	\$295,746.27	\$240,788.64	\$230,797.83	\$245,000.00	\$245,000.00	100%
RE80 - Operational Revenue Totals	\$3,656,369.03	\$4,438,333.99	\$4,939,640.26	\$4,778,502.61	\$5,035,000.00	\$5,376,000.00	107%
<u>RE81 - Transfer from Reserves</u>							
3914 - Transfer from Sewer Reser	\$0.00	\$0.00	\$0.00	(\$3,038.81)	\$452,630.00	\$150,840.00	33%
RE81 - Transfer from Reserves Totals	\$0.00	\$0.00	\$0.00	(\$3,038.81)	\$452,630.00	\$150,840.00	33%
<u>RE83 - Bond/Loan Proceeds</u>							
3765 - Loan Proceeds	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
RE83 - Bond/Loan Proceeds Totals	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++
<u>RE84 - Transfers from Other Funds</u>							
3903 - Transfer from General Fun	\$0.00	\$0.00	\$0.00	\$3,038.81	\$3,000.00	\$3,000.00	100%
RE84 - Transfers from Other Funds Totals	\$0.00	\$0.00	\$0.00	\$3,038.81	\$3,000.00	\$3,000.00	100%
Revenue Totals	\$3,658,739.03	\$4,440,703.99	\$5,106,922.01	\$4,780,872.61	\$5,492,750.00	\$5,532,040.00	101%
Revenue Totals:	\$3,658,739.03	\$4,440,703.99	\$5,106,922.01	\$4,780,872.61	\$5,492,750.00	\$5,532,040.00	101%
Fund Total: Sewer Oper & Maintenance	\$3,658,739.03	\$4,440,703.99	\$5,106,922.01	\$4,780,872.61	\$5,492,750.00	\$5,532,040.00	101%
Revenue Grand Totals:	\$3,658,739.03	\$4,440,703.99	\$5,106,922.01	\$4,780,872.61	\$5,492,750.00	\$5,532,040.00	101%
Expenditure Grand Totals:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++
Net Grand Totals:	\$3,658,739.03	\$4,440,703.99	\$5,106,922.01	\$4,780,872.61	\$5,492,750.00	\$5,532,040.00	101%

Annual Budget by Classification - Wastewater Operations Expense

Detail

	2009 Actual Amount	2010 Actual Amount	2011 Actual Amount	2012 Actual Amount	2013 Amended Budget	2014 Council - Level 3	% Change
Fund: 34 Sewer Oper & Maintenance							
<u>Expenditures</u>							
<u>EX10 - Personnel</u>							
4000 - Salaries	\$833,324.36	\$764,459.03	\$727,071.58	\$657,053.65	\$698,000.00	\$710,000.00	102%
4001 - Part Time Salaries	\$16,155.60	\$953.69	\$1,734.20	\$8,561.53	\$9,600.00	\$7,385.00	77%
4002 - Seasonal Wages	\$2,760.64	\$13,345.88	\$11,815.75	\$7,312.35	\$8,400.00	\$11,185.00	133%
4005 - Overtime Wages	\$141,834.72	\$59,686.59	\$63,531.43	\$59,227.84	\$90,000.00	\$67,675.00	75%
4036 - Temporary Help	\$47,326.32	\$29,425.00	\$13,347.03	\$79,734.17	\$133,000.00	\$97,510.00	73%
EX10 - Personnel Totals	\$1,041,401.64	\$867,870.19	\$817,499.99	\$811,889.54	\$939,000.00	\$893,755.00	95%
<u>EX15 - Other Personnel</u>							
4006 - Contracted Services	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
4012 - Social Security	\$70,974.70	\$60,856.99	\$60,955.48	\$60,452.51	\$88,000.00	\$91,300.00	104%
4013 - Social Security	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
4020 - Pension	\$93,422.73	\$86,003.93	\$90,395.72	\$97,615.79	\$118,000.00	\$111,160.00	94%
4021 - Pension	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
4030 - Hospitalization Insurance	\$156,542.75	\$138,207.33	\$138,716.98	\$146,122.78	\$170,000.00	\$185,665.00	109%
4031 - Dental Insurance	\$9,674.14	\$9,746.28	\$10,519.36	\$9,426.72	\$12,000.00	\$11,010.00	92%
4032 - Life Insurance	\$882.50	\$794.33	\$727.13	\$710.07	\$1,350.00	\$820.00	61%
4060 - Unemployment Compensation	\$2,613.44	\$2,797.10	\$3,803.58	\$4,954.81	\$4,000.00	\$2,535.00	63%
4210 - Workmens Comp Insurance	\$47,045.00	\$35,104.01	\$39,814.36	\$34,066.89	\$48,000.00	\$73,480.00	153%
4690 - Uniforms	\$4,258.12	\$4,372.40	\$799.57	\$6,506.13	\$7,000.00	\$7,110.00	102%
EX15 - Other Personnel Totals	\$385,413.38	\$337,882.37	\$345,732.18	\$359,855.70	\$448,350.00	\$483,080.00	108%
<u>EX30 - Utilities</u>							
4230 - Telephone	\$38,646.22	\$39,240.10	\$36,135.47	\$39,238.32	\$40,500.00	\$44,300.00	109%
4260 - Utilities	\$238,454.18	\$202,272.40	\$181,881.07	\$209,169.80	\$255,000.00	\$266,640.00	105%
4310 - Garbage Disposal	\$0.00	\$0.00	\$5,849.00	\$72.20	\$1,200.00	\$1,500.00	125%
EX30 - Utilities Totals	\$277,100.40	\$241,512.50	\$223,865.54	\$248,480.32	\$296,700.00	\$312,440.00	105%
<u>EX40 - Travel/Training</u>							
4290 - Travel Expense	\$3,177.91	\$1,873.70	\$1,188.59	\$1,497.91	\$5,500.00	\$7,445.00	135%
4300 - Automobile Allowance	\$0.00	\$0.00	\$0.00	\$5,445.00	\$0.00	\$0.00	
4320 - Training	\$3,813.70	\$5,328.35	\$2,046.11	\$2,460.07	\$15,630.00	\$13,400.00	86%
4416 - Dues	\$40,457.20	\$41,498.84	\$44,962.06	\$41,856.59	\$44,500.00	\$43,395.00	98%
EX40 - Travel/Training Totals	\$47,448.81	\$48,700.89	\$48,196.76	\$51,259.57	\$65,630.00	\$64,240.00	98%
<u>EX50 - Maintenance & Equipment</u>							
4100 - Maintenance Bldgs	\$17,359.96	\$9,929.50	\$16,272.45	\$45,401.79	\$30,000.00	\$45,805.00	153%
4110 - Maintenance Vehicles	\$13,290.65	\$7,654.32	\$30,601.93	\$19,441.54	\$24,000.00	\$15,160.00	63%
4120 - Maintenance Equipment	\$21,663.96	\$30,096.90	\$70,662.39	\$104,529.94	\$105,000.00	\$60,500.00	58%
4130 - Maintenance Streets	\$969.10	\$0.00	\$45,756.08	\$626.79	\$14,000.00	\$36,000.00	257%
4140 - Maintenance Sidewalks	\$735.30	\$3,491.60	\$27.40	\$0.00	\$6,000.00	\$6,000.00	100%

Annual Budget by Classification - Wastewater Operations Expense

	Detail						
4150 - Maintenance Grounds	\$932.76	\$313.00	\$60,050.64	\$68,285.32	\$46,000.00	\$29,605.00	64%
4160 - Maintenance Utility System	\$186,694.95	\$229,624.95	\$508,033.70	\$398,034.87	\$712,000.00	\$586,000.00	82%
4200 - Tree Removal	\$0.00	\$0.00	\$0.00	\$3,717.72	\$6,000.00	\$3,000.00	50%
4655 - Equipment- Non-capital	\$0.00	\$125.82	\$4,673.98	\$5,406.93	\$29,400.00	\$12,500.00	43%
4670 - Maintenance Supplies	\$156,863.77	\$73,467.74	\$58,338.52	\$50,305.81	\$80,000.00	\$63,680.00	80%
EX50 - Maintenance & Equipment Totals	\$398,510.45	\$354,703.83	\$794,417.09	\$695,750.71	\$1,052,400.00	\$858,250.00	82%
<u>EX60 - Operating Expenses</u>							
4220 - General Insurance	\$172,487.68	\$187,040.42	\$197,408.14	\$183,920.45	\$240,000.00	\$253,805.00	106%
4280 - Rental	\$141.67	\$118.98	\$2,138.00	\$0.00	\$3,000.00	\$2,550.00	85%
4330 - Postage	\$4,791.26	\$3,945.64	\$11,249.68	\$34,070.15	\$35,000.00	\$33,475.00	96%
4340 - Computer Services	\$43,501.36	\$19,251.43	\$57,403.37	\$72,501.01	\$140,605.00	\$233,945.00	166%
4345 - IT Support/Services	\$13,854.72	\$30,735.09	\$76,058.41	\$24,900.51	\$33,840.00	\$105,500.00	312%
4350 - Printing & Publishing	\$16,540.94	\$8,260.19	\$21,690.76	\$8,095.13	\$11,000.00	\$5,890.00	54%
4360 - Accounting Services	\$4,499.70	\$4,662.00	\$4,240.69	\$4,384.50	\$8,000.00	\$6,075.00	76%
4365 - General Services	\$0.00	\$3.01	\$10.00	\$0.00	\$1,500.00	\$700.00	47%
4370 - Engineering Services	\$219,622.48	\$234,635.26	\$193,972.86	\$199,342.41	\$382,200.00	\$458,000.00	120%
4380 - Legal Services	\$7,657.50	\$6,187.50	\$13,412.42	\$8,793.33	\$18,000.00	\$18,890.00	105%
4390 - Professional Service	\$46,943.33	\$63,659.33	\$89,704.76	\$119,273.33	\$166,380.00	\$104,120.00	63%
4422 - Bad Debt Expense	\$4,019.58	\$1,455.56	\$263.60	(\$2,339.13)	\$500.00	\$255.00	51%
4640 - Computer Supplies	\$6,487.48	\$2,147.95	\$296.91	\$3,249.93	\$5,000.00	\$3,415.00	68%
4650 - Office Supplies	\$17,270.70	\$14,249.16	\$14,750.14	\$11,302.18	\$6,000.00	\$7,835.00	131%
4660 - Gasoline & Oil	\$28,663.61	\$20,396.37	\$33,750.17	\$47,408.37	\$56,000.00	\$57,700.00	103%
4680 - Operating Supplies	\$42,872.86	\$9,183.06	\$80,039.27	\$98,619.64	\$100,000.00	\$99,455.00	99%
4685 - Landscaping Supplies	\$0.00	\$61.60	\$0.00	\$361.25	\$1,800.00	\$4,000.00	222%
4710 - Publications	\$1,250.83	\$1,359.12	\$1,492.32	\$1,570.79	\$1,600.00	\$1,405.00	88%
4783 - Insurance Deductible	\$1,439.73	\$1,585.73	\$2,388.70	\$0.00	\$3,000.00	\$5,525.00	184%
4801 - Recognition Dinner	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
4872 - Extensions	\$0.00	\$0.00	\$0.00	\$0.00	\$75,000.00	\$260,000.00	347%
4951 - Sludge Removal	\$114,945.34	\$99,474.00	\$122,789.84	\$78,684.19	\$120,000.00	\$96,200.00	80%
4954 - Equipment Lease Payment	\$9,426.06	\$7,504.51	\$7,916.23	\$3,173.58	\$8,000.00	\$1,940.00	24%
EX60 - Operating Expenses Totals	\$756,416.83	\$715,915.91	\$930,976.27	\$897,311.62	\$1,416,425.00	\$1,760,680.00	124%
<u>EX70 - Miscellaneous</u>							
4809 - Miscellaneous Expense	\$9.97	\$112.47	\$31.96	\$0.00	\$4,500.00	\$1,200.00	27%
EX70 - Miscellaneous Totals	\$9.97	\$112.47	\$31.96	\$0.00	\$4,500.00	\$1,200.00	27%
<u>EX71 - Capital Expenditures</u>							
4807 - Easements	\$0.00	\$0.00	\$0.00	\$0.00	\$10,000.00	\$5,000.00	50%
4808 - Land	\$0.00	\$0.00	\$0.00	\$0.00	\$25,000.00	\$0.00	0%
4810 - Buildings	\$0.00	\$13,629.81	\$0.00	\$0.00	\$150,000.00	\$80,000.00	53%
4833 - Vehicles	\$0.00	\$4,590.00	\$379,207.24	\$7,349.25	\$151,500.00	\$0.00	0%
4840 - Equipment	\$0.00	(\$4,590.00)	(\$379,207.24)	(\$7,349.25)	\$73,550.00	\$95,960.00	130%

Annual Budget by Classification - Wastewater Operations Expense

Detail

4841 - Equipment Reserve	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
4874 - WWTF Improvement	\$0.00	\$0.00	\$0.00	\$0.00	\$50,000.00	\$0.00	0%
4884 - ImprovementsOtherThanBldg	\$0.00	(\$13,629.81)	\$361.55	\$0.00	\$53,000.00	\$110,000.00	208%
4885 - WW Collection Syst Improv	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
EX71 - Capital Expenditures Totals	\$0.00	\$0.00	\$361.55	\$0.00	\$513,050.00	\$290,960.00	57%
<u>EX72 - Transfers to Other Funds</u>							
4904 - Fee in lieu of taxes	\$0.00	\$0.00	\$0.00	\$173,320.60	\$194,845.00	\$187,440.00	96%
4906 - Transfer to Sewer Debt	\$540,419.04	\$573,770.00	\$529,333.03	\$540,419.04	\$540,420.00	\$540,420.00	100%
4908 - Transfer to Sewer Constr	\$0.00	\$0.00	\$0.00	\$33,739.53	\$0.00	\$0.00	
4989 - Transfers	\$0.00	\$0.00	\$0.00	\$0.00	\$14,885.00	\$0.00	0%
EX72 - Transfers to Other Funds Totals	\$540,419.04	\$573,770.00	\$529,333.03	\$747,479.17	\$750,150.00	\$727,860.00	97%
<u>EX83 - Loan Payable - principal</u>							
4955 - Loan payment-principal	(\$9,426.06)	(\$7,504.51)	(\$7,916.23)	(\$3,173.58)	\$4,480.00	\$56,335.00	1,257%
5000 - Interest - Loans	\$8,919.58	\$7,059.91	\$4,185.62	\$271.63	\$2,065.00	\$83,240.00	4,031%
EX83 - Loan Payable - principal Totals	(\$506.48)	(\$444.60)	(\$3,730.61)	(\$2,901.95)	\$6,545.00	\$139,575.00	2,133%
Expenditure Totals	\$3,446,214.04	\$3,140,023.56	\$3,686,683.76	\$3,809,124.68	\$5,492,750.00	\$5,532,040.00	101%
Fund Total: Sewer Oper & Maintenance	(\$3,446,214.04)	(\$3,140,023.56)	(\$3,686,683.76)	(\$3,809,124.68)	(\$5,492,750.00)	(\$5,532,040.00)	101%
Revenue Grand Totals:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	+++
Expenditure Grand Totals:	\$3,446,214.04	\$3,140,023.56	\$3,686,683.76	\$3,809,124.68	\$5,492,750.00	\$5,532,040.00	101%
Net Grand Totals:	(\$3,446,214.04)	(\$3,140,023.56)	(\$3,686,683.76)	(\$3,809,124.68)	(\$5,492,750.00)	(\$5,532,040.00)	101%