

**DEPARTMENT OF PUBLIC WORKS
SEWER UTILITY DIVISION – FUND 603
7380, 7381, 7384, 7388, 7399**

SUMMARY INFORMATION

DEPARTMENT MANAGER:

Fred Abadi, Director of Public Works
Pete Conine, Superintendent

LINKAGE TO STRATEGIC PLAN GOAL AREAS: Goal 5

PROGRAM DESCRIPTION:

This division of Public Works provides sewerage services to residents of the City and outlying areas. Activities include administration, operations and maintenance, billing and collection, financing and related debt service.

STRATEGIC PLAN OUTCOME MEASUREMENTS:

GOAL 5.0: WELL PLANNED SUSTAINABLE AND ENVIRONMENTALLY SENSITIVE COMMUNITY

Outcome Measure M-3: Water quality and quantity: radium compliance, compliance with DNR and EPA standards for discharge of wastewater, compliance with DNR standards for stormwater discharge water quality standards

Goals:

- A. No (zero %) untreated water discharged: report total quantity and as percent of total treated wastewater
- B. DNR report card: A Grade point Average (GPA) of 3.7 or better DNR report card: a grade of C or better for Collection System

ACTIVITY MEASURES:

ACTIVITY	2007	2008	2009	2010	2011
Gallons Treated (millions)	3,902	4,190	3,909	3,829	3,640
Flow (million gals/day avg)	10.69	11.00	10.71	10.49	9.97
BOD5 lbs (thousands removed)	5,935	5,089	8,861	8,649	8,282
BOD5 (thousands discharged)	0.00*	30.60	3.10	4.66	0.00*
Suspended Solids (thousands discharged)	11.57	31.60	18.75	14.30	3.70
Biosolids Produced (dry metric tons)	1,679	2,566	1,040	1,962	1,525

Budget Note:

*In 2007 and 2011, the BOD5 was under 2 ml and doesn't have to be reported.

Administration

BUDGET SUMMARY:

Major Expense Category	2011 Actual	2012 Budget	2012 Y/E Est	2013 Adopted	% Change
Personal Services	\$695,995	\$711,614	\$714,614	\$722,479	1.53%
Contractual Services	\$840,722	\$934,197	\$1,383,756	\$955,647	2.30%
Supplies & Expenses	\$22,182	\$29,500	\$30,031	\$24,059	-18.44%
Fixed Charges	\$100,139	\$110,012	\$110,012	\$111,010	0.91%
Interdeptmtl Chrgs	\$130,810	\$23,081	\$23,081	\$23,081	0.00%
Other Use of Funds	\$5,859	\$0	\$0	\$0	0.00%
Total	\$1,795,707	\$1,808,404	\$2,261,494	\$1,836,276	1.54%

Pre-Treatment Sampling

BUDGET SUMMARY:

Major Expense Category	2011 Actual	2012 Budget	2012 Y/E Est	2013 Adopted	% Change
Personal Services	\$193,664	\$192,795	\$192,795	\$197,848	2.62%
Contractual Services	\$6,788	\$6,940	\$22,290	\$10,890	56.92%
Supplies & Expenses	\$1,610	\$1,750	\$1,750	\$2,050	17.14%
Total	\$202,062	\$201,485	\$216,835	\$210,788	4.62%

Maintenance

BUDGET SUMMARY:

Major Expense Category	2011 Actual	2012 Budget	2012 Y/E Est	2013 Adopted	% Change
Personal Services	\$591,226	\$625,395	\$664,395	\$701,268	12.13%
Contractual Services	\$210,560	\$272,798	\$356,769	\$316,092	15.87%
Supplies & Expenses	\$101,973	\$102,080	\$102,080	\$102,500	0.41%
Total	\$903,759	\$1,000,273	\$1,123,244	\$1,119,860	11.96%

Plant Operations

BUDGET SUMMARY:

Major Expense Category	2011 Actual	2012 Budget	2012 Y/E Est	2013 Adopted	% Change
Personal Services	\$1,497,130	\$1,550,425	\$1,564,425	\$1,506,193	-2.85%
Contractual Services	\$1,372,055	\$3,519,422	\$4,493,070	\$3,654,763	3.85%
Supplies & Expenses	\$414,334	\$666,370	\$667,870	\$660,800	-0.84%
Fixed Charges	\$63,352	\$66,553	\$66,553	\$57,337	-13.85%
Debt Service	\$154,697	\$181,579	\$224,343	\$225,833	24.37%
Total	\$3,501,568	\$5,984,349	\$7,016,261	\$6,104,926	2.01%

Construction

BUDGET SUMMARY:

Major Expense Category	2011 Actual	2012 Budget	2012 Y/E Est	2013 Adopted	% Change
Fixed Charges	\$2,458,459	\$2,500,000	\$2,500,000	\$2,500,000	0.00%
Capital Outlay	\$905,465	\$2,938,000	\$3,428,222	\$18,715,000	537.00%
Total	\$3,363,924	\$5,438,000	\$5,928,222	\$21,215,000	290.13%

COMBINED BUDGETS:

Major Expense Category	2012 Actual	2012 Budget	2012 Y/E Est	2013 Adopted	% Change
Personal Services	\$2,978,015	\$3,080,229	\$3,136,229	\$3,127,788	1.54%
Contractual Services	\$2,430,125	\$4,733,357	\$6,255,885	\$4,937,392	4.31%
Supplies & Expenses	\$540,099	\$799,700	\$801,731	\$789,409	-1.29%
Fixed Charges	\$2,621,950	\$2,676,565	\$2,676,565	\$2,668,347	-0.31%
Debt Service	\$154,697	\$181,579	\$224,343	\$225,833	24.37%
Capital Outlay	\$905,465	\$2,938,000	\$3,428,222	\$18,715,000	537.00%
Other Use of Funds	\$5,859	\$0	\$0	\$0	0.00%
Interdepartmental Chrgs	\$130,810	\$23,081	\$23,081	\$23,081	0.00%
Total	\$9,767,020	\$14,432,511	\$16,546,056	\$30,486,850	111.24%

Sewer Personnel

STAFFING:

Full-Time Equivalent Employees

Position	2011 Actual	2012 Actual	2013 Adopted
Superintendent	1.00	1.00	1.00
Engineer II	1.00	1.00	1.00
Maintenance Supervisor	1.00	1.00	1.00
Process Control Supervisor	1.00	1.00	1.00
Pretreatment Coordinator	1.00	1.00	1.00
Lab Technician (1 Sampling Tech)	3.00	3.00	3.00
Operator/Electrician	13.00	13.00	13.00
Operator	3.00	3.00	3.00
Office/Stockroom	1.00	1.00	1.00
Admin Technician	1.00	1.00	1.00
Total	26.00	26.00	26.00

Budget Note:

Beginning in 2011, an Engineer II is included in the Waste Water Treatment Plant, instead of Engineering (3290). This reflects the increased focus on the Sanitary Sewer system.

Sewer Utility Capital Expenses

Capital Outlay:

Project	Requested	Adopted
RAS/WAS Pump Rebuilds/Replacements	\$520,000	\$520,000
Final Clarifier Rehabilitation	\$710,000	\$710,000
Plant Design	\$1,000,000	\$1,000,000
Flusher Truck	\$175,000	\$175,000
Facility Plan & Plant Upgrade	\$15,000,000	\$15,000,000
Sewer Televising	\$90,000	\$90,000
Manhole Inspections	\$50,000	\$50,000
Pump Station Upgrades	\$600,000	\$600,000
Sanitary Sewer Rehabilitation	\$2,000,000	\$2,000,000
Manhole Rehabilitation	\$300,000	\$300,000
Forcemain Replacement	\$300,000	\$300,000
Inflow and Infiltration Elimination	\$200,000	\$200,000
Total	\$20,945,000	\$20,945,000

* Budget Note: These items are equipment replacement.