

# SEWER FUND

## Interest

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The Township invests its funds in interest-bearing instruments and accounts, in accordance with State Law and best management practices. Earnings fluctuate upon the interest rate received, a rate that is governed by many factors. **Interest** rates are presently at historic lows, and are projected to remain at this level throughout 2012.

Interest	code	2010 Actual	2011 Budget	2011 Projected	2012 Budget
interest	341.00.0301	\$ 1,299.76	\$ 1,390.00	\$ 1,100.00	\$ 1,000.00
		<b>\$ 1,299.76</b>	<b>\$ 1,390.00</b>	<b>\$ 1,100.00</b>	<b>\$ 1,000.00</b>

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## Charges for Services

The Township provides sanitary sewer services to approximately 700 properties. The sanitary sewer system includes two treatment plants – the Strasburg Corridor Wastewater Treatment Plant and the DuPont Wastewater Treatment Plant – two pump stations, dozens of grinder pumps and several miles of conveyance pipes.

Both treatment plants utilize a land application disposal method. This environmentally-friendly approach allows for the recharge of local groundwater while minimizing the threat of contamination.



Each treatment plant is operating at approximately 50% capacity. Due to a depressed housing market the number of new connections to system is lagging Township projections. And because operation of the sanitary sewer system includes significant fixed costs, the cost per property served will increase in 2012. As such, the 2012 Budget increases annual **sewer fees** by \$64 per year, to \$814.00 from \$750.00 per property.

Charges for Services	code	2010 Actual	2011 Budget	2011 Projected	2012 Budget
penalties	365.00.0315	\$ 9,670.33	\$ 8,100.00	\$ 9,870.00	\$ 9,200.00
sewer fees	365.00.0316	\$ 549,759.83	\$ 548,500.00	\$ 532,500.00	\$ 579,358.00
		<b>\$ 559,430.16</b>	<b>\$ 556,600.00</b>	<b>\$ 542,370.00</b>	<b>\$ 588,558.00</b>

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## Wastewater Treatment

The Department funds the **salaries** and **insurances** for one full-time position – a Wastewater Treatment Plant Operator. General support for system operations, including accounting and clerical services, is provided by Township administrative staff.

New to the 2012 Budget is approximately \$20,000 for fertilizer applications to the spray fields. This **maintenance** will nourish the healthy crop cover needed to treat applied waters.

**Contracted services** provide for the regular testing of discharges and monitoring wells as required by the Pennsylvania Department of Environmental Protection. The Township likewise engages a sanitary sewer engineer consultant qualified to address technical, planning and permitting issues.

The Budget provides for a **transfer to the Equipment Fund**. By providing a set-aside of funds each year, the Township will build a reserve adequate to fund the purchase of the vehicle utilized for sanitary sewer operations.

In 2007 the Township refinanced the debt incurred in 2004 to construct the Pennsylvania State Police Barracks, Shadyside Park and the Strasburg Corridor Wastewater Treatment Plant. Of the amount of annual **debt service** paid on this obligation approximately 40% is attributable to the Strasburg Corridor Wastewater Treatment Plant, and this expense is included in this Department.

Lastly, the Department funds portions of two **insurance** policies – automotive and inland marine policies.

Wastewater Treatment	code	2010 Actual	2011 Budget	2011 Projected	2012 Budget
salaries	429.00.1000	\$ 59,242.27	\$ 61,176.00	\$ 74,350.00	\$ 61,689.75
disability	429.00.1530	\$ 151.46	\$ 144.00	\$ 145.00	\$ 109.22
medical & Rx	429.00.1560	\$ 15,152.91	\$ 18,648.00	\$ 26,270.00	\$ 19,958.64
dental	429.00.1570	\$ 1,034.81	\$ 984.00	\$ 1,205.00	\$ 912.84
life insurance	429.00.1580	\$ 162.48	\$ 156.00	\$ 152.00	\$ 116.16
vision	429.00.1590	\$ 359.73	\$ 372.00	\$ 395.00	\$ 341.76
pension	429.00.1600	\$ 5,265.00	\$ 5,268.00	\$ 5,925.00	\$ 5,703.63
FICA & Medicare	429.00.1610	\$ 4,529.22	\$ 4,776.00	\$ 5,690.00	\$ 4,725.43
UC	429.00.1620	\$ 226.52	\$ 320.00	\$ 640.00	\$ 880.00
WC	429.00.1630	\$ 6,080.00	\$ 6,320.00	\$ 5,981.00	\$ 3,919.97
supplies	429.00.2000	\$ 20,801.99	\$ 23,520.00	\$ 20,900.00	\$ 21,030.00
general expense	429.00.2100	\$ 2,879.54	\$ 1,200.00	\$ 3,250.00	\$ 3,452.50
telephone	429.00.3200	\$ 908.22	\$ 840.00	\$ 1,040.00	\$ 1,968.00
fuel, light & water	429.00.3600	\$ 55,087.23	\$ 69,600.00	\$ 57,200.00	\$ 60,240.00
maintenance & repairs	429.00.3700	\$ 32,882.97	\$ 21,600.00	\$ 28,100.00	\$ 51,748.10
vehicle maintenance	429.00.3750	\$ 2,280.12	\$ 2,400.00	\$ 4,750.00	\$ 4,920.00
insurance, auto and inland	429.00.3520	\$ -	\$ 1,000.00	\$ 340.00	\$ 514.53
insurance, buildings	429.00.3730	\$ 15,143.00	\$ 5,400.00	\$ 2,306.00	\$ 2,362.33
contracted services	429.00.4500	\$ 46,755.86	\$ 57,600.00	\$ 78,600.00	\$ 70,800.00
equipment purchase	429.00.7100	\$ -	\$ -	\$ 9,525.00	\$ -
depreciation	429.00.8100	\$ -	\$ -	\$ -	\$ -
debt service, principal	429.00.9200	\$ 100,000.00	\$ 105,000.00	\$ 105,000.00	\$ 140,525.00
debt service, interest	429.00.9210	\$ 166,940.00	\$ 162,940.00	\$ 162,940.00	\$ 125,869.25
transfer to Equipment Fund	481.00.9100	\$ -	\$ -	\$ -	\$ 112,586.53
		<b>\$ 535,883.33</b>	<b>\$ 549,264.00</b>	<b>\$ 594,704.00</b>	<b>\$ 694,373.65</b>

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**Department Goals...**

- Operate an efficient and reliable wastewater collection and treatment system.
- Produce accurate operational reports and furnish this information to the appropriate regulatory agencies within the timelines established by law.
- Establish and maintain high customer service standards.
- Disseminate educational materials regarding the proper use of sanitary sewer infrastructure.
- Establish sound emergency response and recovery procedures to address system failures.
- Efficiently manage treatment plant capacities.



<b>Performance Objectives</b>	2010 Actual	2011 Estimated	2012 Budget
EDUs served	680	695	697
reports submitted	30	30	30
Pennsylvania One Call responses	347	570	375