

Fund: <b>WATERWORKS and SEWERAGE</b>
Department: <b>PUBLIC WORKS</b>
Division: <b>SEWAGE LIFT STATIONS</b>
Division No.: <b>47025</b>

**MISSION:**

The mission of the Sewage Lift Stations Division is to ensure continuous flow of wastewater to the two wastewater treatment plants from areas where gravity flow of wastewater is not practical.

**SERVICES:**

All remote sewage lift stations are maintained by this Division. The sewage lift stations pump wastewater from a collection basin up to a higher elevation from which gravity-flow to a wastewater treatment plant is possible.

**SIGNIFICANT GOALS AND OBJECTIVES:**

**GOAL:**

- A. Pump wastewater efficiently and safely to treatment facilities

**Objective:**

- 1. Comply with federal and state law in maintaining a safe work environment

**Strategies:**

- a. Require all new lift stations to have submersible pumps and remote monitoring systems
- b. Continue to upgrade existing lift stations by converting to submersible pumps with remote monitors

**Objective:**

- 2. Ensure continuous flow from lift stations in case of power or pump failure

**Strategies:**

- a. Purchase and keep spare pumps and parts on hand for all lift stations
- b. Install and maintain generators at key lift stations
- c. Ensure that portable generators and pumps are readily available in case of emergency

**Objective:**

- 3. Effectively use available City resources

**Strategies:**

- a. Monitor and update preventive maintenance schedule
- b. Provide periodic cross training of personnel for all lift stations

**PROGRAM HIGHLIGHTS:**

In FY 2014, the Sewage Lift Station Division maintained 15 lift stations. The utility and major maintenance costs for the Bonnie Brae Lift Station are paid for by the homeowners in the subdivision. All of the 15 remote facilities are monitored by automatic wet- and dry-well liquid level indicators which dial an alarm to preprogrammed numbers of maintenance personnel. This service will continue in FY 2015.

The sewage lift stations are divided and assigned to the supervision of the Plant Superintendent at each waste water treatment plant and operated and maintained by the respective plant personnel. Therefore, this division has no personnel costs.

The Sewage Lift Stations Division budget reflects projects and/or materials to sustain safety preventive maintenance and repairs to the facilities.

In FY 2014, the pumps and rails in the Golf Course and Pine Lake lift stations were renovated.

In FY 2014, generators were purchased for various lift stations (CIP #WW1301). This project is being funded via a grant from the Illinois Department of Commerce and Economic Opportunity (DCEO). These generators will be installed in early FY 2015.

In FY 2015, the Route 51 lift station pumps and rails will be renovated.

In FY 2015, the New Era Road Lift Station Rehabilitation (CIP #WW9602) will be completed.

**PERFORMANCE MEASUREMENTS:**

<b>Performance Measurements</b>	<b>Division Goal/ Objective</b>	<b>Actual FY 2013</b>	<b>Authorized Budget FY 2014</b>	<b>Estimated Actual FY 2014</b>	<b>Budget FY 2015</b>
Sewage Lift Stations Maintained (Number)	A-1/A-2	15	15	15	15

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EXPENDITURE CLASSIFICATION	AUTHORIZED		ESTIMATED	
	ACTUAL FY2013	BUDGET FY2014	ACTUAL FY2014	BUDGET FY2015
<b>DIRECT OPERATING CHARGES &amp; SERVICES</b>				
220 Communications-Telephone	4,731	4,912	4,900	4,912
230 Utilities-Electric	18,816	21,090	19,000	20,724
232 Utilities-Water and Sewer	0	0	0	0
250 Repairs & Maint.-Equip.	9,296	9,600	9,200	9,600
251 Repairs & Maint.-Bldg & Struc.	13,381	13,700	13,500	13,700
260 Rental Charges	0	0	0	0
273 Operating Supplies & Materials	510	912	900	1,278
275 Motor Fuels and Lubricants	0	1,173	1,100	1,733
299 Operating Equipment	8,988	0	0	0
TOTAL DIR. OPER. CHRGS & SRVCS	55,722	51,387	48,600	51,947
<b>SERVICES AND CHARGES TRANSFERRED IN</b>				
310 Vehicle & Equipment - Labor & Overhead	0	1,120	750	1,049
311 Vehicle & Equipment - Parts	0	575	500	575
TOTAL SERV. & CHARGES TRANSFERRED IN	0	1,695	1,250	1,624
<b>CAPITAL OUTLAY</b>				
503 Machinery and Equipment	5,427	16,500	16,500	16,500
TOTAL CAPITAL OUTLAY	5,427	16,500	16,500	16,500
<b>TOTAL EXPENDITURES</b>	<b>61,149</b>	<b>69,582</b>	<b>66,350</b>	<b>70,071</b>