

## Sanitary Sewer Major Projects Summary 1998 to 2010

In 1997 PA DEP issued a moratorium on new sanitary sewer connections for the area of the Township that is west of Easton Rd. due to a few sanitary sewer overflows (SSOs) at one specific location on Harrison Ave in Glenside. No SSOs have been reported at this location since April, 2007.

The Township undertook the following major projects to address SSOs since that time:

1998	A Professional Engineering Services contract was awarded to study the moratorium area to determine remedies.	\$26,000
1999	Evaluation of 1998 study and contract for repair work developed.	
2000/2001	Cleaning, Televising and Sealing contract awarded for 87,000 linear ft. of pipe. Phase I	\$214,873
2001/2002	Cleaning, Televising and Sealing contract awarded for 20,000 linear ft. of pipe. Phase II	\$52,953
2002	A Professional Engineering Services contract was awarded for developing a construction bid document for repairs of problems found during phase I and II.	\$28,000
2003	Repair of major problems.	\$265,953
2004	Follow up monitoring of flows after repairs by Engineering Consultant	\$26,000
2005/2006	Cleaning, Televising and Sealing contract awarded for 139,000 linear ft. of pipe. Phase III	\$687,964
2005	Hired full time Township inspector to inspect homes and businesses for illegal sump pump hookups to sanitary sewers. Since then, 181 illegal connections have been found and corrected.	
2005	Corrective Action Plan developed for Township wide analysis and remediations to eliminate SSOs.	
2005	Replaced section of sewer severely leaking near Kleinheinz Pond	\$28,750
2006	Township enters into a Consent Order and Agreement with PA DEP. Said agreement sets forth goals, objectives and milestones. Entire Township and contributing communities placed on moratorium of connecting to the sewer system. The SSOs continue to be very infrequent and only occur when the Township encounters unusual and heavy rain events.	
2007	Engineering firm hired to study all aspects spelled out in Consent Order and advise Township.	\$297,400
2007	Remove Waverly Road Leaf Site connection to Sanitary Sewer System which eliminates 5 acres of rainfall draining into sewer.	\$928,168
2007	Cleaning, Televising and Sealing contract awarded for 136,300 linear ft. of pipe. Phase IV	\$943,380

2007	Two full-time employees added to Sewer Department to increase rate of ongoing maintenance.	
2008	Engineering firm contract expanded to include additional services and develop bid document for repairs found during phases III and IV.	\$321,900
2008	Engineering firm given contract to design plans for main sewer interceptor relocation to eliminate restrictive flow angle at SEPTA bridge.	\$27,900
2008	Cleaning, Televising and Sealing contract awarded for 190,000 linear ft. of pipe. Phase V	\$1,048,100
2009	Replace Interceptor at SEPTA Bridge for restrictive flow angle.	\$973,000
2009	Engineering firm contract expanded to include additional services and develop bid document for repairs found during phases III and IV.	\$183,500
2009	Engineering firm given contract to design plans for main sewer interceptor relocation to eliminate sump condition by Jenkintown Road.	\$30,800
	<b>TOTAL</b>	<b>\$6,084,641</b>

**2010 Currently Scheduled Projects**

Replacement of 50' interceptor with sump condition	\$500,000
Interceptor permanent meter pit	\$135,000
Point Repairs	\$500,000
Interceptor restrictive angle replacements	\$500,000
<b>2010 Only TOTAL</b>	<b>\$1,635,000</b>