

NORTHCENTRAL PENNSYLVANIA

Ansonville Water Authority, Clearfield County:

Water supply sources for the authority are contaminated by surface waters and are severely affected by dry weather, resulting in unsafe water and very low water pressures. A project to connect to the nearby Pike Township water system requires 6.5 miles of water main, a pump station and water storage tank and other distribution system improvements at an estimated cost of \$3 million.

Croft Water Association, Clearfield County:

Croft Water Association currently collects water from a small stream that does not produce an adequate supply during most summers. An interconnection with a neighboring public water supply is the most feasible option for the association and would involve installing approximately 6 miles of water main and a booster pump station.

Contact: Edward Fleming, President -- (814) 765-7634 (M-F 8 a.m. to 12:30 p.m.)

NORTHEAST PENNSYLVANIA

Clarks Summit South Abington Joint Sewer Authority, Lackawanna County (including collection systems in Clarks Summit and Clarks Green boroughs and South Abington Township):

Heavy rainfall entering the sanitary sewer system overloads the authority's wastewater treatment plant resulting in untreated sewage being bypassed around the plant. The authority is working with the municipalities to repair the wastewater collection system and increase the treatment capacity at the existing treatment plant.

Contact: Bob Davis, Executive Director/Plant Operator -- 570-587-2830

Greater Hazleton Area Joint Sewer Authority, Luzerne County (including collection systems in Hazle and Sugarloaf townships, Jeddo and West Hazleton boroughs, and the City of Hazleton):

Large amounts of stormwater and groundwater infiltration from local municipal collection systems have created approximately 16 sewage overflows in these municipalities and overloaded the wastewater treatment plant in Hazleton, creating widespread health and safety concerns.

Contact: Christopher Carsia, Director of Operations -- 570-454-0851

Schuylkill County Municipal Authority:

The authority operates five drinking water treatment facilities serving 33,000 residential and business customers in 19 municipalities in Schuylkill County. As with many other municipal authorities, Schuylkill County is faced with aging infrastructure, the need for treatment facility upgrades and dam rehabilitation, and development of new water sources to protect public health and encourage new economic development.

Contact: David Holley, General Manager – 570-622-8240

NORTHWEST PENNSYLVANIA

Knox Borough / Beaver Twp, Clarion County:

A wastewater treatment facility is proposed to serve both municipalities to address significant sanitary sewer issues. Existing facilities are in poor condition with frequent sewage backups and overflows to the surface and flow restriction which limit economic and residential development. Fully one-third of the on-lot septic systems in Beaver Township are malfunctioning. Estimated cost is \$16 million.

Contact: Rich Cochran, Knox Borough Council -- boroughhofknox@alltel.net

Paint Twp, Clarion County:

The project service area is currently served by inadequate private ground water wells and untreated surface water sources. Both sources have high iron levels and Coliform contamination. A project to hook up local homes to an existing public water supply will cost an estimated \$1.3 million.

Summit Township Water Authority, Erie County:

Several source water wells for the authority exceed federal drinking water quality standards for arsenic. In addition, the authority must increase the supply of water for new development and fire protection as a result of rapid growth in the township. Estimated cost to develop new water sources is \$2.6 million.

Contact: John Troutman, Summit Township Water Authority Manager -- 814-864-2323

Winfield Twp, Butler County:

The township is planning to connect approximately 325 homes and businesses to an existing sewage treatment system at an estimated cost of \$6.1 million. The proposed area is in a High Quality watershed with an on-lot septic system malfunction rate of nearly 40 percent which pollutes groundwater and local water wells.

SOUTHCENTRAL PENNSYLVANIA

Bear Valley Franklin County Pennsylvania Joint Authority, Franklin County:

Bear Valley provides public water service to approximately 12,000 people from one well and an impoundment on Broad Run. The authority has experienced source water quantity problems over the years and has not been able to meet system demands during drought conditions, resulting in periodic water use restrictions and limitations on growth. The authority is developing a new high volume well and planning to construct a new membrane filtration treatment plant.

Contact: Robert John, Authority Manager – 717-369-2828

City of Reading, Berks County:

The City of Reading is under a federal mandate to upgrade wastewater treatment facilities by September of 2012. The city has raised sewer rates for residents in an attempt to raise funds for a modern wastewater facility that will minimize dependence on chemicals in the treatment process. Project costs are estimated to be in excess of \$240 million.

Contact: Debra Hoag, Utilities Manager – 610-655-6258

Freedom Township Water & Sewer Authority, Blair County

Due to severe infiltration of rain water, untreated sewage has overflowed from manholes in the area of the Newry pump station, threatening public health and safety. In addition, the authority is under federal mandate to reduce nutrient pollution into the Chesapeake Bay. Upgrades to the system will cost an estimated \$6.3 million.

Contact: Melvin Edmundson, Chairman – 814-695-8051.

New Buffalo Borough, Perry County:

The majority of the project service area is currently served by malfunctioning on-lot septic systems which are contaminating local groundwater that serves as the borough's water supply, and discharging partially-treated sewage into the Susquehanna River. The borough hopes to construct a sewage treatment plant and collection system at an estimated cost of \$1.5 million.

Contact: Ted Engle, President – 717-834-3274

Newport Borough Water Authority, Perry County:

The authority has experienced source water quantity problems over the years. Existing wells have not been able to meet system demands during drought conditions, resulting in periodic water use restrictions, and limiting economic growth in the service area. Possible solutions include additional wells or a filter plant to treat water from the Juniata River.

Contact: Jerry Robinson – 717-554-5367

Newton-Wayne Joint Municipal Authority, Mifflin County:

The majority of the project service area is currently served by either malfunctioning on-lot septic systems or illegal sewage disposal which threatens local water wells and water quality in the Juniata River. The community needs to spend an estimated \$10.6 million to provide sewage collection lines to the region.

Contact: Victor Dimoff, Chairman – 814-386-1414

SOUTHEAST PENNSYLVANIA

Atglen Borough, Chester County:

The current sewage treatment plant is in need of basic upgrades that are estimated to cost \$1.3 million. However, in order to provide for the borough's future sewage treatment needs, that investment could swell upward of \$4.5 million. Discharging to Octorara Creek, a tributary to the Chesapeake Bay, the current facility also needs to meet higher standards than ever before.

Contact: Gail Murphy, Borough Manager -- 610-593-6854

Falls Township, Bucks County

One of this system's four water storage tanks and must be replaced due to age deterioration at an estimated cost of \$1.26 million. Failure of this tank would result in water shortages and create the potential for pollutants to enter the drinking water system.

Prospect Park Borough, Delaware County:

During heavy rains or periods when ground water is high, the borough's aging sanitary sewer collection system can become overloaded, causing untreated sewage to overflow, threatening public health and safety. In addition, borough residents are paying to treat large volumes of water that do not require sanitary treatment. The cost to repair the system is estimated to be \$7.6 million.

Upper Pottsgrove Township, Montgomery County:

In March 2007, Upper Pottsgrove Township took ownership of the troubled Regal Oaks sewage treatment plant that serves a suburban development outside of Pottstown. Under private ownership, the small treatment plant periodically caused significant environmental degradation in Sprogels Run due to the release of sewage solids into the creek. The Township has proposed a plan to cease the treatment of sewage at this facility, and to incorporate the flow into nearby sewage treatment facilities, necessitating investments in piping infrastructure and sewage treatment capacity.

Contact: Jack Lane, Township Manager -- 610-323-8675

SOUTHWEST PENNSYLVANIA

ALCOSAN, Allegheny County:

The 83 municipalities in Allegheny County served by ALCOSAN are required to identify and repair sewer line breaks which allow storm and stream water to infiltrate into the sanitary sewer lines, which can lead to overflows of raw sewage into area rivers, streams and residential basements. Currently municipal officials are developing and implementing plans to repair the sewer lines. Total improvement costs for the 83 municipalities are estimated to exceed one billion dollars.

Dale Borough, Cambria County:

Infiltration of stormwater into the sanitary sewer system results in 8 discharges of untreated sewage into the Little Conemaugh River. In addition, the stormwater contributes to the overloading of the Johnstown sewage treatment plant. Dale Borough is proposing to construct new sanitary sewers and use the existing system for stormwater at a projected cost of \$5.7 million.

Independence-Cross Creek Joint Sewer Authority, Washington County:

Nearly 75 percent of the on-lot septic systems in this service area are malfunctioning and some homes are discharging untreated sewage directly into Cross Creek. It will cost an estimated \$11 million to construct a sewage treatment plant and install sanitary sewers and a pumping station to service 629 existing dwellings.

Contact: Georgiana Riley, Chairwoman – 724-703-3020

Indiana County Municipal Services Authority, Indiana County:

The authority is attempting to provide new drinking water service and new meters to 263 existing homes and the Marion Center school which are experiencing poor well water quality and supply. Total estimated cost is \$3.9 million.

The Municipal Authority of the City of New Kensington, Armstrong County:

Aging and deteriorating water supply lines have become a major liability to the authority with numerous leaks creating severe damage to streets, loss of treated water and service interruptions. In addition, lead water supply lines must be replaced. Estimated cost is \$1.8 million.

Contact: James Matta, General Manager – 724-337-3577

Rochester Borough Sewer and Maintenance Authority, Beaver County:

The authority is under an order by the Department of Environmental Protection to install new sewer lines to separate sanitary sewage from stormwater flows in order to prevent raw sewage from overflowing into the Beaver and Ohio rivers during wet weather. Project cost is estimated at \$1.1 million.