

2018 Chapter 94 Questionnaire

This questionnaire is sent to you on behalf of the Beaver Falls Sewage Treatment Plant. We need this information to prepare the 2018 Chapter 94 Report required by the PA Department of Environmental Protection. We would like this questionnaire back no later than **February 22, 2019**. Please provide as much information as possible for each component listed below:

1. **PLEASE ATTACH A MAP** showing all sewer extensions constructed within the past calendar year (2018), sewer extensions approved or exempted in the past year, but not yet constructed, and all known proposed projects which require public sewers but are in the preliminary stages. The map must be accompanied by a list summarizing each extension or project and the population to be served by the extension or project. If a sewer extension approval or proposed project includes schedules describing how the project will be completed over time, the listing should include that information and the effect this build-out-rate will have on populations served.

Check the appropriate boxes:

- Map showing sewer extensions constructed, approved/exempted but not yet constructed, and proposed projects (Attachment)
- List summarizing each extension or project (Attachment)
- Schedules describing how each project will be completed over time and effects (Attachment)

Comments: NONE, potential for a new tap-in with vacant property sold. Buyer plans on building residence on the property sometime in the future.

2. Discuss your program for sewer system monitoring, maintenance, repair and rehabilitation, including routine and special activities (that is, itemize number: homes dye tested; manholes inspected/repared; lineal feet of sewer cleaned/televised and the scope of emergency repairs), personnel and equipment used, sampling frequency, quality assurance, data analyses, infiltration/inflow monitoring, and where applicable, maintenance and control of combined sewer regulators during the past year (2018). Attach a separate sheet if necessary.

Comments: 24 homes dye tested

Ross Ave	#28-29	Emergency service- cam 86', jet, later obstructions cut
7 th Ave	#70-71	Cam 133' found damaged line, later replaced 8' section
37 th St Ext	#177-174	Emergency service- obstruction temporarily cleared Return service with cam 317', obstruction cleared, damage found-planned lining repair for 2019
Knape St	#177-176	With 37 th St return service- cam 362', obstruction cleared

2018 Chapter 94 Questionnaire

3. Discuss the condition of the sewer system including portions of the system where conveyance capacity is being exceeded or will be exceeded in the next 5 years and portions where rehabilitation or cleaning is needed or is underway to maintain the integrity of the system and prevent or eliminate bypassing, Combined Sewer Overflows, Sanitary Sewer Overflows, excessive infiltration and other system problems. Attach a separate sheet if necessary.

Check the appropriate boxes:

- System experienced capacity-related bypassing, Sanitary Sewer Overflows (SSO) or surcharging during the report year. On a separate sheet, list the date, location, and reason for each bypass, SSO or surcharge event.
- System did not experience capacity-related bypassing, SSOs or surcharging during the report year.

Comments: A heavy storm-induced overflow at Rock Ave underpass did occur with the unusually excessive rainfall that effected the entire region. This has happened infrequently and only associated with severe storm systems that produce major damage/flooding in the area.

4. Attach a discussion on the condition of sewage pumping (pump) stations. Include a comparison of the maximum pumping rate with present maximum flows and the projected 2-year maximum flows for each station.

Check the appropriate boxes:

- The collection system does not contain pump stations
- The collection system does contain pump stations (Number -)
- Discussion of condition of each pump station (Attachment)

Comments:

2018 Chapter 94 Questionnaire

5. If the sewage collection system receives industrial wastes (i.e., non-sanitary wastes), attach a report with the information below:
- A copy or any ordinance or regulation governing industrial waste discharges to the sewer system or a copy of amendments adopted since the initial submission of the ordinance or regulation under Chapter 94.
 - A discussion of the permittee's or municipality's program for surveillance and monitoring of industrial waste discharges into sewer system during the past year.
 - A discussion of specific problems in the sewer system known or suspected to be caused by industrial waste discharges and a summary of the steps being taken to alleviate or eliminate the problems. The discussion shall include a list of industries known to be discharging wastes which create problems in the sewer system and action taken to eliminate the problem or prevent its recurrence. The report may describe pollution prevention techniques in the summary of steps taken to alleviate current problems caused by industrial waste dischargers and in actions taken to eliminate or prevent potential or recurring problems caused by industrial waste dischargers.

Check the appropriate boxes:

- Industrial waste report as described in 5 a., b. and c. (attachment)
 Industrial pretreatment report as required in an NPDES permit (attachment)

Comments: NONE

6. Discuss any plans to reduce or eliminate the following:
- Surface water connections
 - Downspout connections
 - Combined sewer flows
 - Redevelopment areas
 - Grant related
 - Infiltration

(Attach a separate sheet if necessary)

Comments:

- A Maintain storm sewer lines to prevent overflow to sanitary sewer**
B Conduct dye testing of all properties when sold
C NONE
D Monitoring system, identifying problem areas

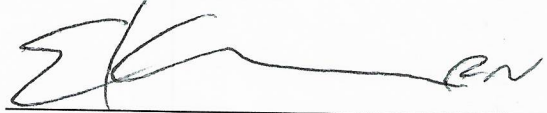
2018 Chapter 94 Questionnaire

7. If only a portion of your population is serviced by the sewer system, please provide the population that is serviced by the system and a population projection for 2019, 2020, 2021, 2022 and 2023. Attach a separate sheet if necessary.

Comments: 98% on sewer system, only 2% on septic (High St Ext)

Respondent's Name/Title: Eli Kosanovich, RN Council Member

Respondent's signature



Date

22 JULY 19
REVISED

West Mayfield needs to describe the condition of the sewer system including portions where conveyance capacity is being exceeded. Specifically, the nature of the overflow at Rock Ave underpass manhole, how often did it overflow in 2018 and what steps are being taken to eliminate the overflow.

Discuss the condition of the sewer system including portions of the system where conveyance capacity is being exceeded or will be exceeded in the next 5 years **and portions where rehabilitation or cleaning is needed or is underway to maintain the integrity of the system and prevent or eliminate bypassing**, Combined Sewer Overflows, Sanitary Sewer Overflows, excessive infiltration and other system problems. Attach a separate sheet if necessary.

Check the appropriate boxes:

System experienced capacity-related bypassing, Sanitary Sewer Overflows (SSO) or surcharging during the report year. On a separate sheet, list the date, location, and reason for each bypass, SSO or surcharge event.

System did not experience capacity-related bypassing, SSOs or surcharging during the report year.

Comments: continued heavy storm-based overflow at Rock Ave underpass as in past years

The majority of the borough's storm water system flows into 37th St Ext, going east, down to the railroad bridge. At this point, the water pours into a canal running parallel to the railroad track which flows south to the stream bed at the Rock Ave underpass. During heavy storms, this vast amount of storm water may overflow the catch basin placed to route this water under the roadway and into the stream.

All roadways south of 37th St Ext slope downward toward the wooded areas above the stream bed with the exception of the plant adjacent to the railroad tracks. Water from their roof gutters cascade down their driveway across Rock Ave.

Borough Road Crew inspects and clean storm sewer grates on a regular basis following heavy rain to ensure proper flow paths are maintained. They are also familiar with problem areas and monitor them when passing nearby during daily work hours.

POTENTIAL to ask StdSteel to place specific drain piping to existing catch basin?

Digging and piping from driveway to existing line?

Size of existing pipe from catch basin under RockAve (**may be too small**)

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 - c. Combined sewer flows
 1. Redevelopment areas
 2. Grant related
 - d. Infiltration

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