

SEWER NARRATIVE

Project Summary

Joseph L Widmer is proposing to construct a 1,008 SF building on an approximate 0.53-acre parcel located just west of the Joel Street and SR 209 intersection in Smithfield Township, Monroe County, PA. The project consists of the proposed building, parking area, stormwater conveyance and management facilities, landscaping, utilities and other associated improvements. The property is located in the ED – Economic Development District.

The area of the property proposed for development is currently cleared and consists of a stone area utilized for staging and storage of vehicles of the Applicant's tree clearing business. The total area of the property is approximately 0.53 acre.

The site has no wetlands. The site drains to the Sambo Creek with a Chapter 93 classification of Cold-Water Fisheries, Migratory Fisheries (CWF-MF). Sambo Creek is a naturally reproducing trout stream.

Sewage Flow Calculation

It is anticipated that 5 employees will utilize the proposed development with a total estimated flow of 100 gpd (5 employees x 20 gpd per employee). The Smithfield Sewer Authority regulations equate 1 EDU to 200 gpd, which is based on up to 10 employees. Therefore, one (1) EDU is being requested from the Authority with this application.

DEP has been contacted to determine if sewage planning is required for the proposed development. DEP has confirmed that sewage planning is not required since the project will not involve a subdivision of land, it's within an existing service area, the lot is undeveloped and existing, and the sewage flows are less than 800 gpd.

The proposed low pressure sewer line is anticipated to be privately owned and maintained. A grinder pump is proposed just outside of the building and low-pressure sewer line will discharge sewage across the property, through an existing easement on the adjacent property and connect into the existing 2-inch low pressure sewer line in Joel Street. Previous correspondence with the Authority and Engineer noted there was adequate capacity in the line to support the project.