

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

**NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP**

Application No. PA0266116
APS ID 873999
Authorization ID 1307478

Applicant, Facility and Project Information

Applicant Name	<u>Mark Wieczorkowski</u>	Facility Name	<u>Mark Wieczorkowski & Kathryn Dickinson Res</u>
Applicant Address	<u>3200 Catholic Valley Road Glen Rock, PA 17327-7658</u>	Facility Address	<u>3200 Catholic Valley Road Glen Rock, PA 17327-7658</u>
Applicant Contact	<u>Mark Wieczorkowski</u>	Facility Contact	<u>Mark Wieczorkowski</u>
Applicant Phone	<u>(717) 759-8670</u>	Facility Phone	<u>(717) 759-8670</u>
Client ID	<u>320669</u>	Site ID	<u>790239</u>
SIC Code	<u>4952</u>	Municipality	<u>Codorus Township</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>York</u>
Date Application Received	<u>February 10, 2020</u>	WQM Required	<u>Issued</u>
Date Application Accepted	<u>March 30, 2020</u>	WQM App. No.	<u>6715408</u>
Project Description	<u>Mark Wieczorkowski has submitted an application for the renewal of his Single Residence Sewage Treatment Plant</u>		

Summary of Review

Mark Wieczorkowski has submitted an application for the renewal of his permit for his existing Single Residence Small Flow Treatment Facility located in York County. The residence was originally issued an NPDES permit in 2015 for the treatment of sewage generated at the residence. The permit was issued by The Department to ensure the facility did not receive or discharge a flow greater than 400 GPD or exceed any of the specified limits of pH, CBOD₅, Total Suspended Solids, and Fecal Coliform prescribed in the permit. As per 25 Pa. Code § 92a.53, all applicable effluent limits and standards are considered in development of the permit. The limits noted in the permit suggest that any applicable water quality standards will not be violated.

The facility serves the existing 4-bedroom single-family residence (500 GPD) located at 3200 Catholic Valley Road, Glen Rock, PA 17327.

The system consists of one (1) 1,500-gallon septic tank with effluent filter, a 800-gallon recirculating tank with Orenco AdvanTex Treatment System (AdvanTex AX20-RTUV), and a 4" PVC outfall pipe to an unnamed tributary to South Branch Codorus Creek.

The limits discussed in the permit are based off of several factors that were determined in previous permits issued to the residence and state and federal regulations. Since the facility is using UV to disinfect the effluent, the requirement to monitor for TRC is not needed.

The TSS limits were prescribed based on The Department's Water Quality Antidegradation Implementation Guidance ID No. 391-0300-002. This guidance also applies the non-detectable limits to TRC for facilities that discharge to an HQ/EV watershed.

Approve	Deny	Signatures	Date
X		Jared Lescavage Jared Lescavage / Environmental Engineering Specialist	April 15, 2020
X		Scott M. Arwood Scott M. Arwood, P.E. / Environmental Engineer Manager	6/24/2020

Summary of Review

The Fecal Coliform limits listed in the previous permits were required by Central Office, as stated in Chapter 92.2c.b(2) and 93.7.

Existing Limits:

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly		Minimum	Average Monthly		Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	1/month	Grab
BOD5	XXX	XXX	XXX	10	XXX	20	1/year	Grab
Total Suspended Solids	XXX	XXX	XXX	10	XXX	20	1/year	Grab
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1,000	1/year	Grab

Public Participation

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0005</u>
Latitude	<u>39° 48' 51.24"</u>	Longitude	<u>-76° 46' 19.92"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to South Branch Codorus Creek (WWF, MF)</u>	Stream Code	<u>9935</u>
NHD Com ID	<u>57473663</u>	RMI	<u>0.8000</u>
Drainage Area	<u>0.11</u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u>.00624</u>	Q ₇₋₁₀ Basis	<u>StreamStats</u>
Elevation (ft)	<u></u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>07H</u>	Chapter 93 Class.	<u>Warm Water Fishes, Migratory Fishes</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u>Final</u>	Name	<u>South Branch Codorus Creek</u>
Background/Ambient Data		Data Source	
pH (SU)	<u></u>	<u></u>	
Temperature (°F)	<u></u>	<u></u>	
Hardness (mg/L)	<u></u>	<u></u>	
Other:	<u></u>	<u></u>	
Nearest Downstream Public Water Supply Intake	<u>York Water Co.</u>		
PWS Waters	<u>South Branch Codorus Creek</u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u></u>	Distance from Outfall (mi)	<u>15</u>

Changes Since Last Permit Issuance: None

Other Comments: N/A

Compliance History	
Summary of DMRs:	N/A
Summary of Inspections:	N/A

Other Comments: **N/A**

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/year	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/year	Grab

Compliance Sampling Location: Outfall 001

Other Comments: N/A