

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0273015
APS ID 864161
Authorization ID 1297507

Applicant, Facility and Project Information

Applicant Name	<u>Rebecca Collingwood</u>	Facility Name	<u>Rebecca Collingwood SRSTP</u>
Applicant Address	<u>51 W Methodist Road</u> <u>Greenville, PA 16125</u>	Facility Address	<u>51 W Methodist Road</u> <u>Greenville, PA 16125-9712</u>
Applicant Contact	<u>Rebecca Collingwood</u>	Facility Contact	<u>Rebecca Collingwood</u>
E mail	<u>bikerbabe7287@yahoo.com</u>	E mail	<u>bikerbabe7287@yahoo.com</u>
Applicant Phone	<u>(724) 815-6635</u>	Facility Phone	<u>(724) 815-6635</u>
Client ID	<u>317543</u>	Site ID	<u>788337</u>
Municipality	<u>Hempfield Township</u>	County	<u>Mercer</u>
SIC Code	<u>8800</u>	SIC Code	<u>4952</u>
SIC Description	<u>Private Households</u>	SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>
Date Application Received	<u>December 2, 2019</u>	WQM Required	<u>permitted</u>
Date Application Accepted	<u>December 5, 2019</u>	WQM App. No.	<u>4315401</u>
Project Description	<u>Single Residence Sewage Treatment Plant.</u>		



Summary of Review

Renewal of a repaired malfunctioning on-lot system.

I called on April 16, 2020 for an email address and received an email replay.

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.

Approve	Deny	Signatures	Date
		William H. Mentzer William H. Mentzer, P.E. Environmental Engineering Specialist	April 7, 2020
		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	May 26, 2020

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>41° 22' 43.32"</u>	Longitude	<u>80° 22' 14.88"</u>
Quad Name	<u>Greenville East</u>	Quad Code	<u>0703</u>
Wastewater:	<u>Treated single residence domestic wastes.</u>		
Receiving Waters	<u>Drainage swale</u>	Stream Code	<u>unknown</u>
RMI	<u>0.24</u>	NHD Com ID	<u></u>
Drainage Area	<u>0.001</u>	Q ₇₋₁₀ Flow (cfs)	<u>0</u>
Elevation (ft)	<u>1043.00</u>	Slope (ft/ft)	<u>0.01894</u>
	<u>Unnamed Tributary to Shenango River</u>	Stream Code	<u>36154</u>
RMI	<u>1.9</u>	NHD Com ID	<u>130026963</u>
Drainage Area	<u>3.75</u>	Yield (cfs/mi ²)	<u>0.0107</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.04</u>	Q ₇₋₁₀ Basis	<u>Pymatuning Creek</u>
Elevation (ft)	<u>1018.71</u>	Slope (ft/ft)	<u>0.00611</u>
Watershed No.	<u>20-A</u>	Chapter 93 Class.	<u>WWF</u>
Existing Use	<u>statewide</u>	Existing Use Qualifier	<u>none</u>
Exceptions to Use	<u>none</u>	Exceptions to Criteria	<u>none</u>
Low Flow Basis	<u>Pymatuning Creek near Orangeville</u>	Station #	<u>03103000</u> RMI <u></u>
	Low Flow (cfs) <u>1.8</u> Drainage (sq-mi) <u>169</u>		Yield (cfs/sq-mi) <u>0.0107</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></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>Aqua PA Shenango Valley</u>		
PWS Waters	<u>Shenango River</u>	Flow at Intake (cfs)	<u>regulated</u>
PWS RMI	<u>29.45</u>	Distance from Outfall (mi)	<u>27.51</u>

Changes Since Last Permit Issuance: none

Other Comments: This proposal should not affect any downstream users.

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) and/or BPJ.

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

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Daily Maximum	Minimum	Average Monthly	Daily Maximum	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
Total Residual Chlorine	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Total Suspended Solids	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1,000	1/year	Grab

Monitoring is at Outfall 001 after disinfection

pH monitoring will remain at “1/month” as this is the monitoring frequency in the current permit. JCD