

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0273058  
APS ID 1045235  
Authorization ID 1364855

**Applicant, Facility and Project Information**

Applicant Name	<u>Christopher &amp; Kristina Reeher</u>	Facility Name	<u>Christopher &amp; Kristina Reeher SRSTP</u>
Applicant Address	<u>34 Maple Road</u> <u>Greenville, PA 16125-9258</u>	Facility Address	<u>34 Maple Road</u> <u>Greenville, PA 16125-9258</u>
Applicant Contact	<u>Christopher Reeher</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 588-9721</u>	Facility Phone	<u></u>
Applicant E Mail	<u>christopher.reeher@gmail.com</u>	Facility E Mail	<u></u>
Client ID	<u>341632</u>	Site ID	<u>790126</u>
County	<u>Mercer</u>	Municipality	<u>West Salem Township</u>
SIC Code	<u>8800</u>	SIC Code	<u>4952</u>
SIC Description	<u>Private Households</u>	SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>
Application Received	<u>July 20, 2021</u>	WQM Required	<u>Present permit is adequate</u>
Application Accepted	<u>August 25, 2021</u>	WQM App. No.	<u>4315403</u>
Project Description	<u>NPDES treated sewage permit renewal</u>		

**Summary of Review**

The permittee was cited for a late renewal. Except for 2017 BOD5 and TSS are high. Sludge removal was on March 16, 2022.

	BOD5 mg/L	TSS mg/L	Coliforms #/100ml
2022	4,0	5,0	< 1
2020	14.0	31.0	< 1
2019	28.8	21.0	< 1
2018	26.0	12.5	< 1
2017	5.2	< 5.0	< 1
2016	20	30	196

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
X		<i>William H. Mentzer</i> William H. Mentzer, P.E. Environmental Engineering Specialist	October 17, 2022
X		vacant Environmental Engineer Manager	Okay to Draft JCD 10/17/2022

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>41° 24' 27.00"</u>	Longitude	<u>80° 26' 22.00"</u>
Latitude	<u>41° 24' 33.44"</u>	Longitude	<u>-80° 26' 40.06"</u>
Quad Name	<u>Greenville West</u>	Quad Code	<u>0702</u>
Wastewater:	<u>Treated single residence domestic wastes</u>		
Receiving Waters	<u>Unnamed Tributary to Big Run</u>	Stream Code	<u>unknown</u>
NHD Com ID	<u>130027490</u>	RMI	<u>0.300</u>
Drainage Area	<u>11.5 acres (0.02-square mile)</u>	Yield (cfs/mi <sup>2</sup> )	<u>0</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0</u>	Q <sub>7-10</sub> Basis	<u>Dry stream</u>
Elevation (ft)	<u>1140.00</u>	Slope (ft/ft)	<u></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>
Comments	<u>Dry swale discharge to unnamed tributary 36132 RMI 0.71 (0.52 sq mi drainage)</u>		
Assessment Status	<u>Attaining Use(s)</u>		
Impairment Cause(s)	<u></u>		
Impairment Source(s)	<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>		
Nearest Downstream Public Water Supply Intake	<u>Aqua PA</u>		
PWS Waters	<u>Shenango River</u>	Flow at Intake (cfs)	<u>NA</u>
PWS RMI	<u>29.45</u>	Distance from Outfall (mi)	<u>25.13</u>

Changes Since Last Permit Issuance: Sharpsville Borough Water Company intake was delisted. The water intake was moved from RMI 33.2 and 25 miles downstream

Other Comments: none

**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) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (GPD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Upon Request	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001 after disinfection

Other Comments: UV radiation requirements are on the Annual Maintenance Report (AMR)