

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0271781
APS ID 1094078
Authorization ID 1449571

Applicant, Facility and Project Information

Applicant Name	<u>Rebecca Piccolin</u>	Facility Name	<u>Rebecca Piccolin SRSTP</u>
Applicant Address	<u>852 Beatty School Road</u> <u>Greenville, PA 16125</u>	Facility Address	<u>852 Beatty School Road</u> <u>Greenville, PA 16125</u>
Applicant Contact	<u>Rebecca Piccolin</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 588-1708</u>	Facility Phone	<u></u>
Client ID	<u>345115</u>	Site ID	<u>830899</u>
SIC Code	<u>8800</u>	Municipality	<u>Salem Township</u>
SIC Description	<u>Private Households</u>	County	<u>Mercer</u>
Date Application Received	<u>July 3, 2023</u>	WQM Required	<u>Yes – Permit Received.</u>
Date Application Accepted	<u></u>	WQM App. No.	<u>4318412</u>

Project Description This is a renewal application for a Single Residence Sewage Treatment Plant (SRSTP) which will serve an existing dwelling.

Summary of Review

This discharge is previously permitted under and Individual NPDES Permit which serves an existing 3-bedroom home.

Act 14 – Notification was submitted and received.

Treatment currently consists of (WQM Permit No. 4318412): A Norweco Singulair Model 960-500 aerobic unit, a Norweco Bio Film reactor, and a Salcor 3G Ultraviolet (UV) light disinfection unit.

There are no open violations in WMS for the subject Client ID (345115) as of 08/11/2023. *8/16/2023 CWY*

No evidence was submitted that this facility has been pumped out within the permit term. AMRs have been submitted in a timely fashion and the testing data submitted suggests that this facility is in good working order. This facility has been inspected twice within the last 5 years and no violations were noted on both inspections.

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		Dustin Hargenrater Dustin Hargenrater / Civil Engineer Trainee	August 11, 2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. / Environmental Engineer Manager	8/16/2023

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>.0004</u>
Latitude	<u>41° 25' 53.19"</u>	Longitude	<u>-80° 18' 20.47"</u>
Quad Name	<u>Greenville East</u>	Quad Code	<u>41080D3</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Little Shenango River (TSF)</u>	Stream Code	<u>32648</u>
NHD Com ID	<u>130027019</u>	RMI	<u>0.4900</u>
Drainage Area	<u>1.34</u>	Yield (cfs/mi ²)	<u>0.0092</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.0123</u>	Q ₇₋₁₀ Basis	<u>USGS - StreamStats</u>
Elevation (ft)	<u>1053</u>	Slope (ft/ft)	<u>--</u>
Watershed No.	<u>20-A</u>	Chapter 93 Class.	<u>TSF</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></u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7.0</u>	Default	<u></u>
Temperature (°F)	<u>68</u>	Default	<u></u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>Beaver Falls Municipal Authority</u>		
PWS Waters	<u>Beaver River</u>	Flow at Intake (cfs)	<u>561</u>
PWS RMI	<u>3.5</u>	Distance from Outfall (mi)	<u>>50</u>

Changes Since Last Permit Issuance: No changes since last permit issuance.

Other Comments: Based on testing data submitted this facility is in good working order and it is recommended that this permit renewal be issued.

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	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	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	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: Flow is monitor only based on Chapter 92a.61. The limits for BOD5, Total Suspended Solids, and Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

Attachment 1
eMap – Location and Receiving Stream Data

Map | eFacts Query | Advanced Query | Filter Plant Source Search

ESRI Streets & Imagery | Topographic | National Geographic

Streets | Imagery

Latitude: 41.431442 - Longitude: -80.3

Locate Latitude and Longitude

Decimal Degrees | DD/MM/SS

	Degrees	Minutes	Seconds
Latitude:	41	25	53.19
Longitude:	-80	18	20.47

Locate | Close

PA Historic Streams (1 of 5)

Name: Trib 36248 To Little Shenango River
Net Streams: 116555
Shed: 20A
Named: 0
Rec No: 116555
Seg ID: 36248_0_1.2219
Seg ID Old: 36248_0_1.2219
From Node: 31823
To Node: 32320
Down River Mile: 0
Up River Mile: 1.221853
WRDS: 36248
Strahler: 2

[Zoom to](#)

0 0.1 0.2mi

Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community; ESRI Streets: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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Attachment 2
Google Earth – Site Imagery and Outfall Location

