

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0264547
APS ID 1051160
Authorization ID 1375349

Applicant, Facility and Project Information

Applicant Name	<u>Snyder Genevieve</u>	Facility Name	<u>Genevieve Snyder SRSTP</u>
Applicant Address	<u>1622 Pinoak Road</u> <u>Rimersburg, PA 16248-3106</u>	Facility Address	<u>845 Swartz Road</u> <u>Rimersburg, PA 16248-2927</u>
Applicant Contact	<u>Genevieve Snyder</u>	Facility Contact	<u></u>
Applicant Phone	<u></u>	Facility Phone	<u></u>
Applicant E Mail	<u></u>	Facility E Mail	<u></u>
Client ID	<u>328336</u>	Site ID	<u>815150</u>
Municipality	<u>Madison Township</u>	County	<u>Clarion</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>
Application Received	<u>August 17, 2021</u>	WQM Required	<u>The current permit is adequate</u>
Application Accepted	<u>November 16, 2021</u>	WQM App. No.	<u>1616405</u>
Project Description	<u>NPDES discharge permit renewal</u>		

Summary of Review

October 1, 2021 NOV for failure to renew the NPDES permit. No telephone number or e mail address provided.

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	December 29, 2022
X		Vacant Environmental Engineer Manager	Okay to Draft JCD 1/5/2023

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>0.0004</u>
Latitude DP	<u>40° 59' 17.04"</u>	Longitude DP	<u>-79° 30' 6.88"</u>
Latitude NHD	<u>40° 59' 16.26"</u>	Longitude NHD	<u>-79° 30' 7.57"</u>
Quad Name	<u>East Brady</u>	Quad Code	<u>1109</u>
Wastewater:	<u>Treated single residence domestic wastes</u>		
Receiving Waters	<u>Unnamed Tributary to Redbank Creek</u>	Stream Code	<u>48076</u>
NHD Com ID	<u>123857661</u>	RMI	<u>0.6300</u>
Drainage Area	<u>121.9-acres/0.19 square miles</u>	Yield (cfs/mi ²)	<u>0</u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>Intermittent stream</u>
Elevation (ft)	<u>1100.00</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>17-C</u>	Chapter 93 Class.	<u>CWF</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></u>		
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>METALS, PH</u>		
Source(s) of Impairment	<u>ACID MINE DRAINAGE, ACID MINE DRAINAGE</u>		
TMDL Status	<u>April 2, 2009 final</u>	Name	<u>Redbank Creek Watershed</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>Kittanning Suburban Joint Water Authority</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>NA</u>
PWS RMI	<u>48.42</u>	Distance from Outfall (mi)	<u>20.09</u>

Changes Since Last Permit Issuance: none

Other Comments:

The TMDL for the Redbank Creek Watershed is for Aluminum, Iron, Manganese, and pH from abandoned mine drainage (AMD). Since it is a new discharge, the Genevieve Snyder SRSTP was not included in the TMDL. However, it is not anticipated to discharge Aluminum, Iron, or Manganese in any reportable quantities. The pH from the discharge at this facility is not expected to deviate from the range established in the TMDL of 6-9 standard units either. As such, this permit does not need to be sent to the EPA for its review.

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 (MGD)	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
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	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	1000	1/year	Grab

Compliance Sampling Location: Outfall 001 after disinfection