

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0264903
APS ID 1059509
Authorization ID 1389671

Applicant, Facility and Project Information

Applicant Name	<u>Deborah Schmelzer</u>	Facility Name	<u>Deborah Schmelzer SRSTP</u>
Applicant Address	<u>151 Etna Road</u> <u>Slippery Rock, PA 16057</u>	Facility Address	<u>151 Etna Road</u> <u>Slippery Rock, PA 16057</u>
Applicant Contact	<u>Deborah Schmelzer</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 290-6126</u>	Facility Phone	<u></u>
Applicant E Mail	<u>63fai90dls@gmail.com</u>		<u></u>
Client ID	<u>332540</u>	Site ID	<u>818633</u>
Municipality	<u>Slippery Rock Township</u>	County	<u>Butler</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>March 21, 2022</u>	WQM Required	<u>Current permit is adequate</u>
Date Application Accepted	<u>April 6, 2022</u>	WQM App. No.	<u></u>
Project Description	<u>NPDES discharge permit renewal</u>		

Summary of Review

No violations listed. The facility is less than five years old with sludge removal due.

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	April 7, 2022
X		Justin C. Dickey Justin C. Dickey, P.E. Environmental Engineer Manager	April 20, 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>.0004</u>
Latitude DP	<u>41° 1' 48.00"</u>	Longitude	<u>-80° 2' 2.00"</u>
Latitude NHD	<u>41° 1' 50.24"</u>	Longitude NHD DP	<u>-80° 2' 1.90"</u>
Quad Name	<u>Slippery Rock</u>	Quad Code	<u>1005</u>
Wastewater Description: <u>Treated single residence domestic wastes</u>			
Receiving Waters	<u>Slippery Rock Creek</u>	Stream Code	<u>34032</u>
NHD Com ID	<u>126222270</u>	RMI	<u>26.43</u>
Drainage Area	<u>138</u>	Yield (cfs/mi ²)	<u>0.1</u>
Q ₇₋₁₀ Flow (cfs)	<u>2.643</u>	Q ₇₋₁₀ Basis	<u>default</u>
Elevation (ft)	<u>1120</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>20-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>The NHD outfall is the discharge to the receiving waters.</u>		
	<u>The DP outfall is the normal monitoring point after treatment</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>PA American</u>		
PWS Waters	<u>Connoquenessing Creek</u>	Flow at Intake (cfs)	<u>NA</u>
PWS RMI	<u>0.01</u>	Distance from Outfall (mi)	<u>31.8</u>

Changes Since Last Permit Issuance: 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) ⁽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	20.0	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: See AMR for UV radiation requirements.