pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Northcentral Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0115321**
Wastewater Type	**Sewage**	APS ID	**1083810**
Facility Type	**SRSTP**	Authorization ID	**1431562**

NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP

Applicant, Facility and Project Information

Applicant Name	**Eric J. Pennington**	Facility Name	**Pennington SRSTP**
Applicant Address	95 Horn Road	Facility Address	95 Horn Road
	Cogan Station, PA 17728-8694		Cogan Station, PA 17728-8694
Applicant Contact	Eric Pennington	Facility Contact	Eric Pennington
Applicant Phone	(570) 998-2925	Facility Phone	(570) 998-2925
Client ID	246724	Site ID	245391
SIC Code	4952	Municipality	Lycoming Township
SIC Description	Trans. & Utilities - Sewerage Systems	County	Lycoming
Date Application Received	March 17, 2023	WQM Required	Yes, existing
Date Application Accepted	March 22, 2023	WQM App. No.	4192407
Project Description	Renewal of an existing NPDES permit for the discharge of treated sewage.		

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		Derek S. Garner / Project Manager	February 27, 2024
X		Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	February 28, 2024

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (GPD)	400
Latitude	41º 19' 31.19"	Longitude	-77º 8' 14.22"
Quad Name	Salladasburg	Quad Code	0828
Wastewater Description:	Sewage Effluent		

Receiving Waters	Little Gap Run	Stream Code	20569
NHD Com ID	66913451	RMI	0.38
Drainage Area	3.13	Yield (cfs/mi^2)	0.046
Q_{7-10} Flow (cfs)	0.14	Q_{7-10} Basis	Streamgage No. 01550000
Elevation (ft)	780	Slope (ft/ft)	n/a
Watershed No.	10-A	Chapter 93 Class.	HQ-CWF, MF
Existing Use	n/a	Existing Use Qualifier	n/a
Exceptions to Use	n/a	Exceptions to Criteria	n/a
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment	n/a		
Source(s) of Impairment	n/a		
TMDL Status	Final (9/14/2014)	Name	Lycoming Creek Tributaries Atmospheric Deposition TMDL [(1)]

Nearest Downstream Public Water Supply Intake	Pennsylvania-American Water Company		
PWS Waters	West Branch Susquehanna River	Flow at Intake (cfs)	668
PWS RMI	10.68	Distance from Outfall (mi)	42.53

(1) The Lycoming Creek Tributaries Atmospheric Deposition TMDL, addresses pH impairment throughout the watershed caused by atmospheric deposition. The discharge is not anticipated to contribute to the low pH throughout the watershed. Additionally, Little Gap Run specifically does not carry a pH impairment designation.

Facility Description

The treatment system consists of an aerobic treatment tank (Cromaglass Model CA-5), a 612-sq. ft. sand filter, an erosion type chlorinator, and a 300-gallon chlorine contact tank. The system serves a three-bedroom residence and is designed to treat 400 gallons per day.

Compliance History

The facility was most recently inspected on September 22, 2022. The inspection report notes that chlorine was present in the erosion chlorinator, but there was no discharge from the outfall.

The inspection report also noted the permitee is not submitting annual monitoring reports. The permittee stated he will begin to send them in on time and complete.

A Notice of Violation, dated February 10, 2023, was sent to the permittee for failing to submit the renewal application. The renewal application was received March 17, 2023.

Development of Effluent Limitations

The proposed effluent limits are the same as the existing permit and are consistent with those found in the PAG-04, the general permit for small flow treatment facilities.

The proposed measurement frequencies are the same as the existing permit and are consistent with DEP policy for individual permits for SRSTPs.

Existing Effluent Limitations and Monitoring Requirements

The existing limitations and monitoring requirements are as follows:

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	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	1/year	Grab
TRC	XXX	XXX	XXX	XXX	XXX	Report	1/month	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 Geo Mean	XXX	XXX	See Permit	Grab

Compliance Sampling Location: Outfall 001

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	1/year	Grab
TRC	XXX	XXX	XXX	XXX	XXX	Report	1/month	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 Geo Mean	XXX	XXX	See Permit	Grab

Compliance Sampling Location: Outfall 001