pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Northwest Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0271535**
Wastewater Type	**Sewage**	APS ID	**1098163**
Facility Type	**SRSTP**	Authorization ID	**1457151**

NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP

Applicant, Facility and Project Information

Applicant Name	**James Felmlee**	Facility Name	**James Felmlee SRSTP**
Applicant Address	241 Stickney Trail	Facility Address	241 Stickney Trail
	Bradford, PA 16701		Bradford, PA 16701
Applicant Contact	James Felmlee	Facility Contact	
Applicant Phone	(814) 362-4189	Facility Phone	
Client ID	343431	Site ID	829372
SIC Code	8800	Municipality	Corydon Township
SIC Description	Private Households	County	McKean
Date Application Received	September 28, 2023	WQM Required	Permit Received
Date Application Accepted		WQM App. No.	

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

Summary of Review

This is an existing discharge which serves an existing 3-bedroom home. The receiving stream of the discharge is Libby Run and is classified as a HQ-CWF stream so an Individual Permit will be required.

Act 14 – Notification was submitted and received.

Treatment of this facility consists of (WQM Permit No. 4218404): A Norweco Singulair Model 960 Aerobic Unit, Norweco Bio-Film Reactor and UV Disinfection.

AMR's have been submitted for this facility. Based on the last several AMRs submitted, this facility has a historically high count for Fecal Coliforms. In 2020/2021 AMR Fecal Coliform was reported at 579 col/100 mL, the AMR for 2022/2023 shows the Fecal Coliform readings at 2420 col/100 mL. The inspector noted that the permittee should keep the UV bulbs clean and that the UV Bulb should be properly maintained. After a quick phone call with Todd Fantaskey he mentioned that this year's AMR had a significant improvement and he reported the Fecal Coliforms at 2 col/100 mL.

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	November 22, 2023
X		Chad W. Yurisic Chad W. Yurisic, P.E. / Environmental Engineer Manager	11/30/2023

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	.0004
Latitude	41º 47' 38.71"	Longitude	-78º 48' 39.07"
Quad Name	Westline	Quad Code	41078G7
Wastewater Description:	Sewage Effluent		
Receiving Waters	Unnamed Tributary to Libby Run (HQ-CWF)	Stream Code	56667
NHD Com ID	112374865	RMI	0.2700
Drainage Area	0.26	Yield (cfs/mi^2)	0.0535
Q_{7-10} Flow (cfs)	0.0139	Q_{7-10} Basis	USGS - StreamStats
Elevation (ft)	2,102	Slope (ft/ft)	---
Watershed No.	16-B	Chapter 93 Class.	HQ-CWF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status		Name	

Background/Ambient Data		Data Source
pH (SU)	7.0	Default
Temperature (°F)	20	Default - CWF
Hardness (mg/L)		
Other:		

Nearest Downstream Public Water Supply Intake		Allegheny Reservoir	
PWS Waters	Allegheny Reservoir	Flow at Intake (cfs)	--
PWS RMI	--	Distance from Outfall (mi)	17.8

Changes Since Last Permit Issuance: None

Other Comments: Per the SOP, no water quality modeling was performed since this is an SRSTP.

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.

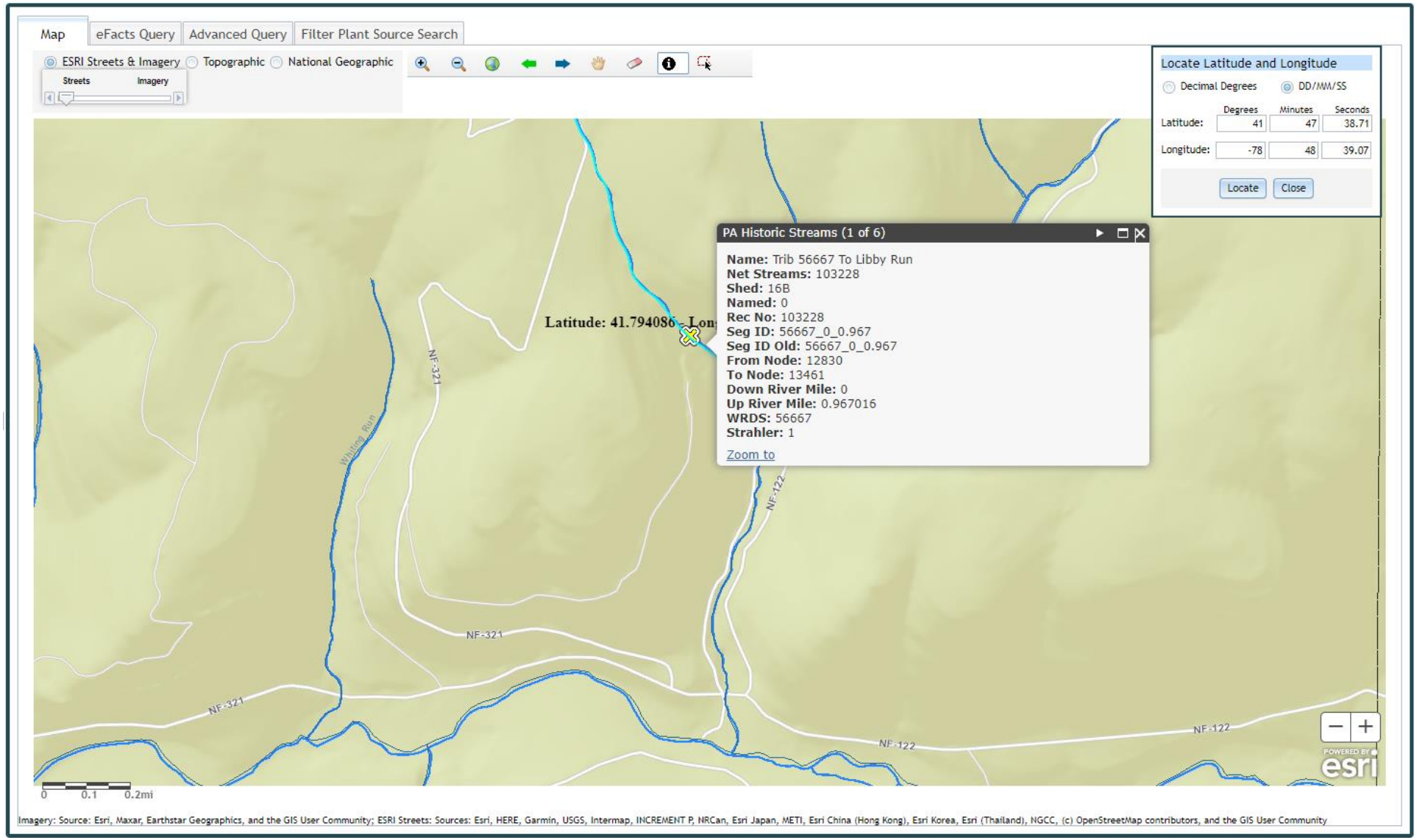
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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	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	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



Attachment 2
Google Earth – Site Imagery