

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0288543
APS ID 1128857
Authorization ID 1512282

Applicant, Facility and Project Information

Applicant Name <u>Viola K Bruno</u>	Facility Name <u>Viola K Bruno SFTF</u>
Applicant Address <u>331 Hannahstown Road</u> <u>Cabot, PA 16023-2203</u>	Facility Address <u>331 & 333 Hannahstown Road</u> <u>Cabot, PA 16023</u>
Applicant Contact <u>Viola Bruno</u>	Facility Contact _____
Applicant Phone <u>(724) 591-4702</u>	Facility Phone _____
Client ID <u>366604</u>	Site ID <u>842138</u>
SIC Code <u>8800</u>	Municipality <u>Jefferson Township</u>
SIC Description <u>Private Households</u>	County <u>Butler</u>
Date Application Received <u>January 13, 2025</u>	WQM Required <u>1020410- previously issued.</u>
Date Application Accepted _____	WQM App. No. _____
Project Description <u>Renewal application for a for a Small Flow Treatment Facility (SFTF)</u>	

Summary of Review

This is an existing discharge that serves a 3-bedroom home.

Act 14 Notifications have been submitted and received.

Yearly AMRs have been submitted and reviewed. It appears the facility is operating as designed.

The existing treatment facility consists of (WQM Permit No. 1020410): A 2,000-gallon dual compartment septic tank with an effluent filter followed by a Premier Tech EC7-P-PDV Coco Filter unit with an integrated pump and Ultraviolet (UV) disinfection.

There are no open violations in WMS for the subject Client ID (366604) as of February 19, 2025.

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		Carlee Wilson Carlee Wilson / Environmental Engineering Trainee	February 19, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	March 28, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.0008
Latitude	40° 46' 16.50"	Longitude	-79° 47' 54.87"
Quad Name	Saxonburg	Quad Code	40079G7
Wastewater Description: Sewage Effluent			
Receiving Waters	Sarver Run (HQ-TSF)	Stream Code	42576
NHD Com ID	123973214	RMI	1.1300
Drainage Area	0.1	Yield (cfs/mi²)	
Q ₇₋₁₀ Flow (cfs)	0.000508	Q ₇₋₁₀ Basis	USGS- StreamStats
Elevation (ft)		Slope (ft/ft)	
Watershed No.	18-F	Chapter 93 Class.	HQ-TSF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired		
Cause(s) of Impairment	CAUSE UNKNOWN		
Source(s) of Impairment	SOURCE UNKNOWN		
TMDL Status		Name	
Background/Ambient Data		Data Source	
pH (SU)	--		
Temperature (°F)	--		
Hardness (mg/L)	--		
Other:	--		
Nearest Downstream Public Water Supply Intake			
PWS Waters		Flow at Intake (cfs)	
PWS RMI		Distance from Outfall (mi)	

Other Comments:

This SFTF does not qualify for the PAG-04 General Permit due to the use of a Premier Tech EC7-P-PDV Coco Filter in addition to the High-Quality (HQ) stream classification.

The system discharges into Sarver Run (HQ-TSF) which runs into Little Buffalo Creek (HQ-TSF) that feeds Buffalo Creek (TSF), and eventually to the Allegheny River.

Proposed Effluent Limitations and Monitoring Requirements

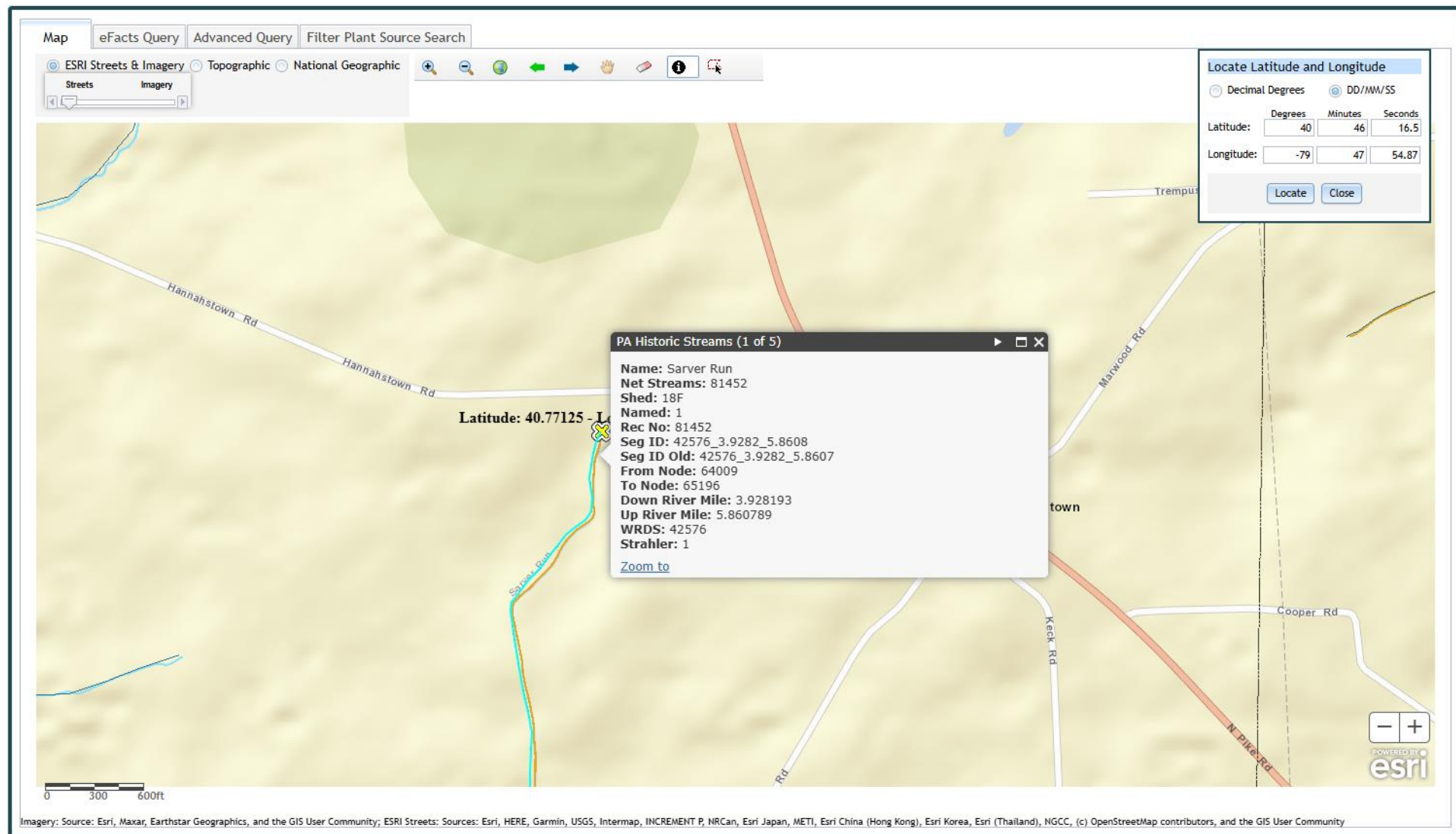
The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). 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

Attachment 1
eMapPA- Receiving Stream Location and Data



Attachment 2
Google Earth – Aerial Site View

