

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0263532
APS ID 1144050
Authorization ID 1538335

Applicant, Facility and Project Information

Applicant Name	<u>Matthew Supel</u>	Facility Name	<u>Matthew Supel SRSTP</u>
Applicant Address	<u>3329 Ivanhoe Road</u> <u>Sharpsville, PA 16150</u>	Facility Address	<u>3329 Ivanhoe Road</u> <u>Sharpsville, PA 16150-9471</u>
Applicant Contact	<u>Matthew Supel</u>	Facility Contact	<u>Matthew Supel</u>
Applicant Phone	<u>(724) 699-1499</u>	Facility Phone	<u>(724) 699-1499</u>
Client ID	<u>340812</u>	Site ID	<u>247887</u>
SIC Code	<u>4952,8800</u>	Municipality	<u>South Pymatuning Township</u>
SIC Description	<u>Private Households, Trans. & Utilities - Sewerage Systems</u>	County	<u>Mercer</u>
Date Application Received	<u>August 20, 2025</u>	WQM Required	<u>Previously issued - 4392402</u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>Renewal application for a Single Resident Sewage Treatment Plant (SRSTP)</u>		

Summary of Review

On August 20, 2025, the Department received an application for the reissuance of Individual Permit No. PA0263532 that is set to expire on January 31, 2026. The existing discharge serves a single home and discharges into a roadside ditch to Tributary 35967 to McCullough Run (WWF).

The existing facility consists of (WQM Permit No. 4392402): An NSF approved Jet-153 extended aeration package sewage treatment unit with a 1200-gallon total capacity. The treatment unit has three compartments, one each for settling, aeration (Jet Model 560-S) and clarification. A separate Jet-Chlor Model 108 tablet chlorine disinfection system with a 135-gallon chlorine contact tank provides disinfection prior to discharge to a road drainage ditch.

Act 14 notifications were submitted and received.

No AMRs were located.

There are no open violations in WMS for the subject Client ID (340812) as of September 4, 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	September 4, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	September 4, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.0004
Latitude	41° 16' 51.84"	Longitude	-80° 30' 21.38"
Quad Name	Orangeville	Quad Code	41080C5
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to McCullough Run (WWF)	Stream Code	35967
NHD Com ID	130032935	RMI	0.3100
Drainage Area	0.0448	Yield (cfs/mi²)	0.0
Q ₇₋₁₀ Flow (cfs)	0.0	Q ₇₋₁₀ Basis	USGS - StreamStats
Elevation (ft)	-	Slope (ft/ft)	-
Watershed No.	20-A	Chapter 93 Class.	WWF
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)	-		-
Temperature (°F)	-		-
Hardness (mg/L)	-		-
Other:	-		-
Nearest Downstream Public Water Supply Intake	-		
PWS Waters	-	Flow at Intake (cfs)	-
PWS RMI	-	Distance from Outfall (mi)	-

Changes Since Last Permit Issuance: None

Other Comments: In accordance with the SOP, no water quality modeling was performed since this is a SRSTP.

This SFTF was designed where applicable in accordance with the SFTF Manual, but it does not qualify for coverage under the PAG-04 General Permit due to the use of a Jet-153 extended aeration package sewage treatment unit.

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.

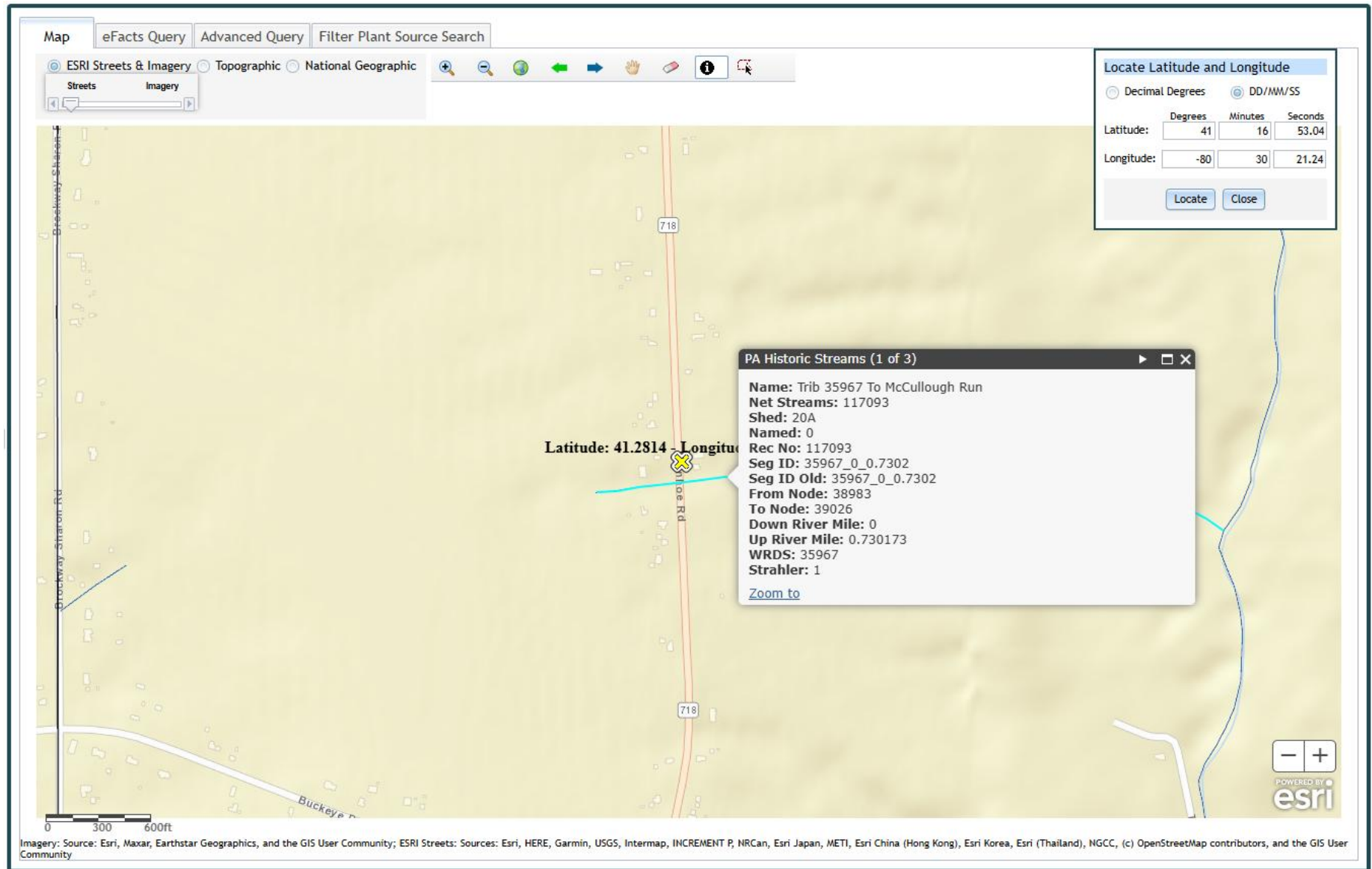
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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
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	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001 – after disinfection

Other Comments: Effluent limits were retained from the previous permit cycle. 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
eMapPA – Receiving Stream Location and Data



Attachment 2
Google Earth – Aerial Site View

