

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0239356
APS ID 1126148
Authorization ID 1507269

Applicant, Facility and Project Information

Applicant Name <u>Robert C Montgomery</u>	Facility Name <u>Robert C Montgomery SRSTP</u>
Applicant Address <u>1042 Enterprise Road</u>	Facility Address <u>1042 Enterprise Road</u>
<u>Grove City, PA 16127-6206</u>	<u>Grove City, PA 16127-6206</u>
Applicant Contact <u>Robert Montgomery</u>	Facility Contact _____
Applicant Phone <u>(724) 992-0040</u>	Facility Phone _____
Client ID <u>213397</u>	Site ID <u>614552</u>
SIC Code <u>8800</u>	Municipality <u>Pine Township</u>
SIC Description <u>Private Households</u>	County <u>Mercer</u>
Date Application Received <u>November 18, 2024</u>	WQM Required _____
Date Application Accepted _____	WQM App. No. _____
Project Description <u>This is an application for an existing Single Residence Sewage Treatment Plant (SRSTP).</u>	

Summary of Review

This is an existing discharge that serves an existing 3-bedroom home, the facility seems to be in good working order and AMRs have been submitted.

Treatment at the existing facility consists of (WQM Permit No. 4303412): A 500-gallon trash trap, a Clearstream Model 500NC aerated septic tank system, and a flooded 40 sq. ft. open access rapid sand filter with chlorine disinfection.

There are no open violations in WMS for the subject Client ID (213397) as of 11/20/25.

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 / Project Manager	November 20, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	December 17, 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° 9' 50.65"	Longitude	-80° 0' 45.43"
Quad Name	Grove City	Quad Code	41080B1
Wastewater Description: Sewage Effluent			
Receiving Waters	Swamp Run (CWF)	Stream Code	34275
NHD Com ID	126219201	RMI	
Drainage Area	0.27	Yield (cfs/mi²)	0.006
Q ₇₋₁₀ Flow (cfs)	0.00179	Q ₇₋₁₀ Basis	USGS - StreamStats
Elevation (ft)	1,364	Slope (ft/ft)	--
Watershed No.	20-C	Chapter 93 Class.	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)	60	Default - CWF	
Hardness (mg/L)	100	Default	
Other:			
Nearest Downstream Public Water Supply Intake	PA American Water Company – Ellwood City		
PWS Waters	Slippery Rock Creek	Flow at Intake (cfs)	53.1
PWS RMI	0.1	Distance from Outfall (mi)	36.4

Changes Since Last Permit Issuance: No changes since last permit issuance.

Other Comments: The installed treatment system is not on the list of approved systems for the General Permit and therefore the facility is not eligible to be switched to the General Permit.

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.

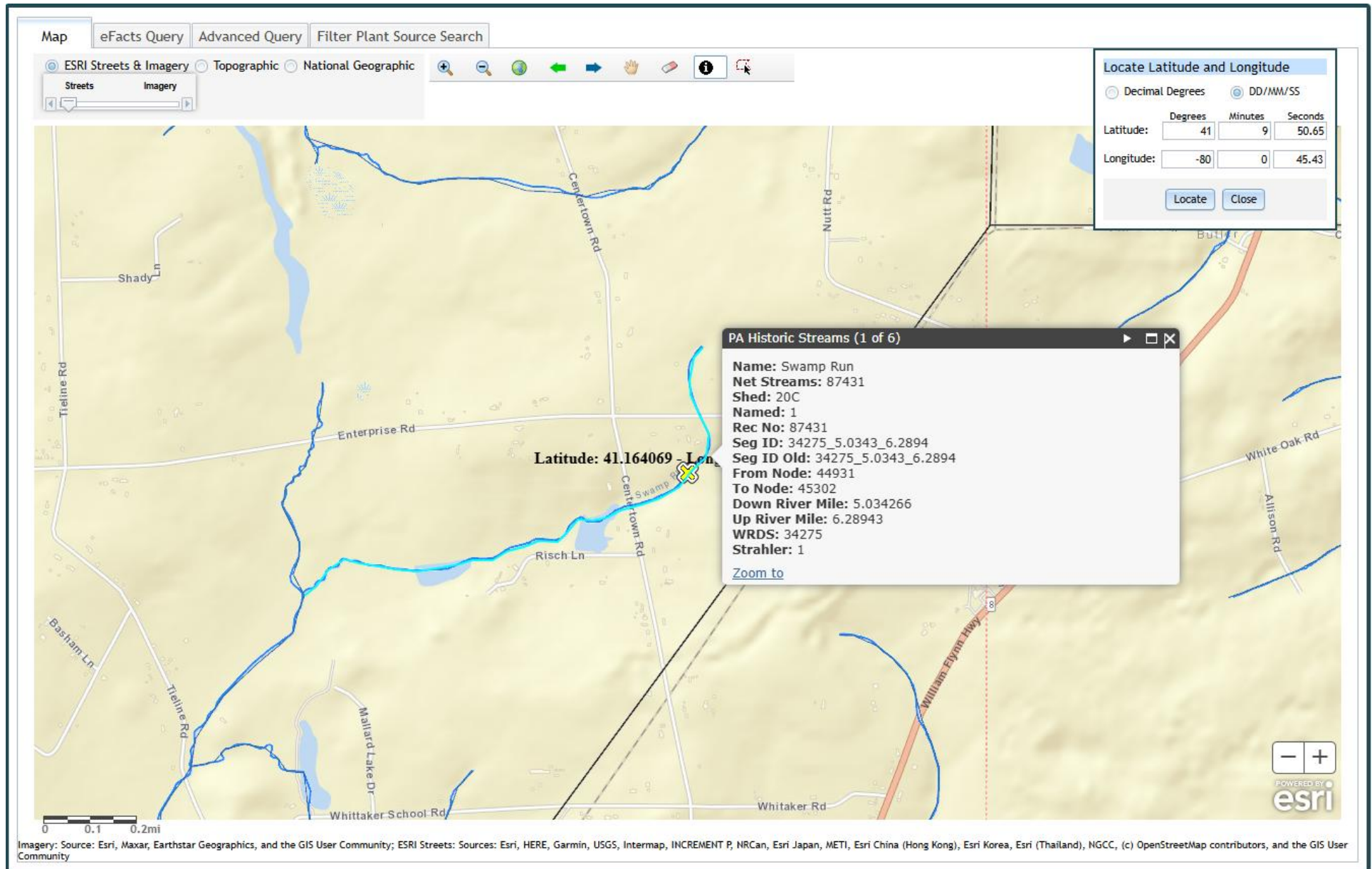
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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	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 Avg Mo	XXX	XXX	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	20.0	XXX	40.0	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: 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 – Aerial Site Imagery

