



Application Type New  
Wastewater Type Sewage  
Facility Type SRSTP

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SFTF/SRSTP**

Application No. **PA0296201**  
APS ID **1145341**  
Authorization ID **1540795**

**Applicant, Facility and Project Information**

Applicant Name	<b>Dean Meyer</b>	Facility Name	<b>Dean Meyer SRSTP</b>
Applicant Address	75 Mapleview Drive Apt A1	Facility Address	1227 Markert Road
	Ridgway, PA 15853-6355		Wilcox, PA 15870-5608
Applicant Contact	<b>Dean Meyer</b>	Facility Contact	
Applicant Phone	<b>(814) 512-4876</b>	Facility Phone	
Client ID	<b>395012</b>	Site ID	<b>880713</b>
SIC Code	<b>8800</b>	Municipality	<b>Jones Township</b>
SIC Description	<b>Private Households</b>	County	<b>Elk</b>
Date Application Received	<b>September 8, 2025</b>	WQM Required	<b>Yes – Application Received</b>
Date Application Accepted	<b>September 11, 2025</b>	WQM App. No.	<b>2425401</b>
Project Description	Installation of a single residence sewage treatment plant serving an existing two-bedroom dwelling.		

**Summary of Review**

This is a new discharge which will serve an existing two-bedroom dwelling into stream channel - Swamp Creek which is in a High Quality (HQ) watershed. The average daily flow is projected to be 400 GPD.

Act 14 notifications were submitted and received.

The proposed system consists of (WQM Permit No. 2425401): 1,000-gallon dual compartment concrete septic tank with a Zable A300 effluent filter and alarm at the outlet end of the tank. An NSF approved Premier Tech ECC-530-C-PDV coco filter with an integrated DiUV unit and pump preinstalled by the manufacturer.

There are no open violations in WMS for the subject Client ID (395012) as of September 10, 2025.

Act 537 planning approval letter issued on August 5, 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		Adebayo Olude Adebayo Olude / Civil Engineer Trainee	September 10, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	September 19, 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° 35' 36.87"	Longitude	-78° 35' 39.55"
Quad Name	Glen Hazel	Quad Code	41078E5
Wastewater Description:	Sewage Effluent		
Receiving Waters	Swamp Creek (HQ-CWF)	Stream Code	50763
NHD Com ID	102663197	RMI	0.2300
Drainage Area	2.39	Yield (cfs/mi <sup>2</sup> )	0.0603
Q <sub>7-10</sub> Flow (cfs)	0.144	Q <sub>7-10</sub> Basis	USGS StreamStats
Elevation (ft)	1877	Slope (ft/ft)	-
Watershed No.	17-A	Chapter 93 Class.	HQ-CWF
Existing Use		Existing Use Qualifier	
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Impaired	Name	
Cause(s) of Impairment	METALS		
Source(s) of Impairment	ACID MINE DRAINAGE		
TMDL Status			
Background/Ambient Data		Data Source	
pH (SU)	7	Default	
Temperature (°F)	20	Default - CWF	
Hardness (mg/L)	100	Default	
Other:	-	-	
Nearest Downstream Public Water Supply Intake		Pennsylvania American Water Company - Clarion	
PWS Waters	Clarion River	Flow at Intake (cfs)	33.3
PWS RMI	90.7	Distance from Outfall (mi)	>15miles

Changes Since Last Permit Issuance: N/A

Other Comments: This SRSTP is designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General Permit due to the discharge into a High-Quality Watershed.

**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.

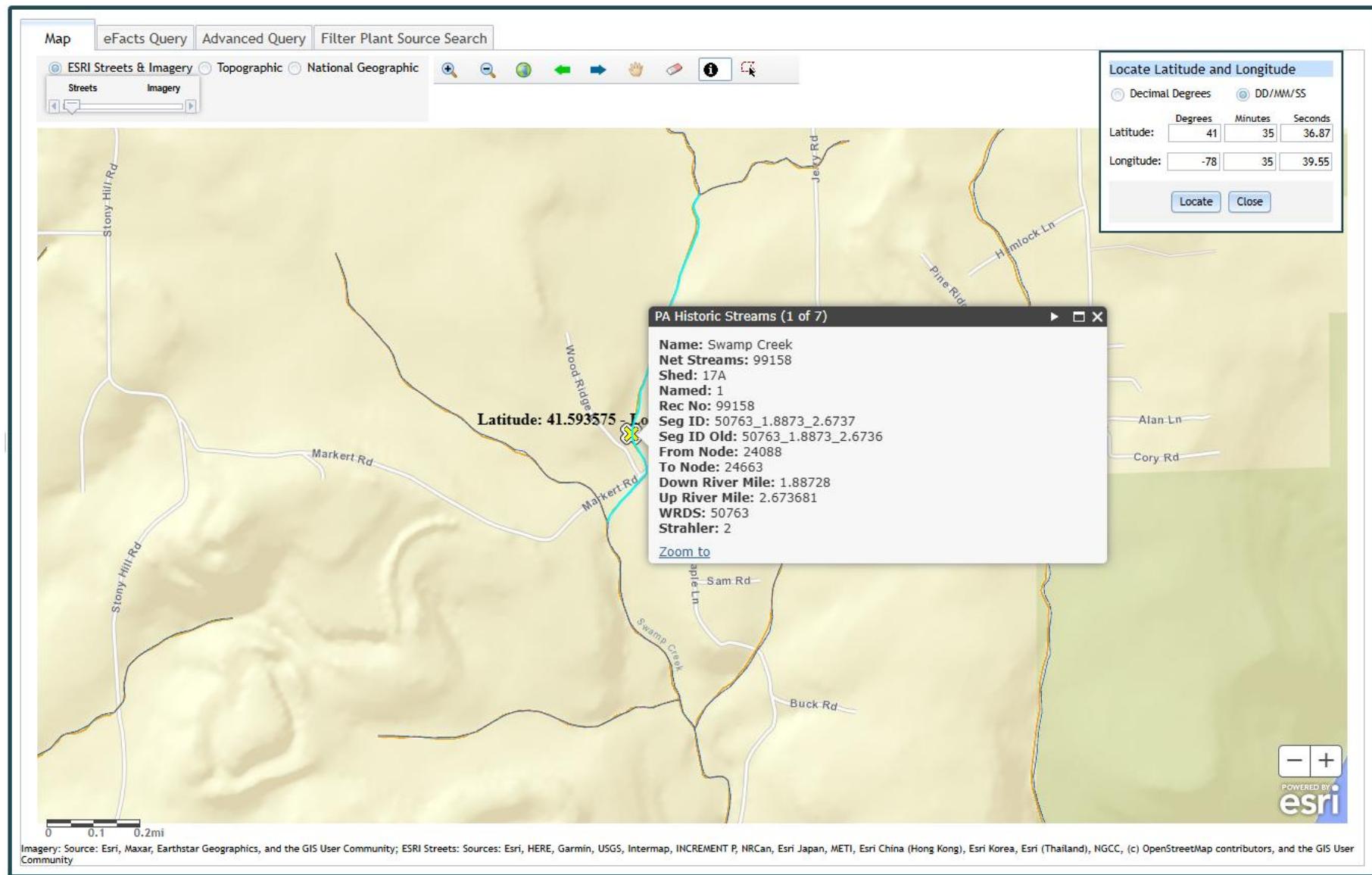
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> 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	XXX	1/year
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
CBOD5	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

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for CBOD5, Total Suspended Solids are BPJ-based on the Department's "Small Flow Treatment Facilities Manual." Fecal Coliform are technology-based on Chapter 92a.47.

Attachment 1  
eMAP – Receiving stream location and Designation



Attachment 2  
Google Earth Aerial Site View



Attachment 3  
StreamStats Report

StreamStats Report

Region ID:

PA

Workspace ID:

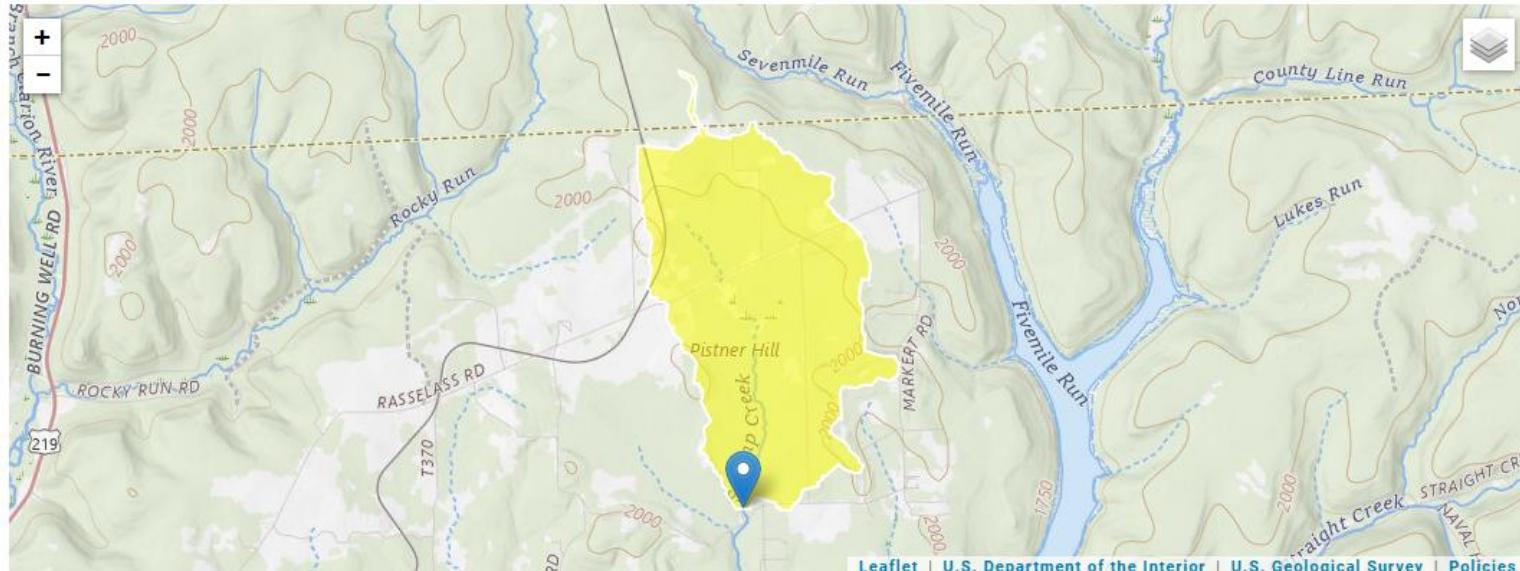
PA20250911125611802000

Clicked Point (Latitude, Longitude):

41.59356, -78.59430

Time:

2025-09-11 08:56:32 -0400



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► Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	2.39	square miles
ELEV	Mean Basin Elevation	1975	feet
PRECIP	Mean Annual Precipitation	45	inches