

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. **PA0288551**
APS ID **1137814**
Authorization ID **1528027**

Applicant, Facility and Project Information

Applicant Name	<u>Diane & Richard Mcmillen</u>	Facility Name	<u>Diane & Richard Mcmillen SRSTP</u>
Applicant Address	<u>2858 E 28th Street</u>	Facility Address	<u>2305 Emersen Hill Road</u>
Applicant Contact	<u>Erie, PA 16510-2822</u>	Facility Contact	<u>Grand Valley, PA 16420</u>
Applicant Phone	<u>(814) 392-2681</u>	Facility Phone	<u></u>
Client ID	<u>357339</u>	Site ID	<u>839305</u>
SIC Code	<u>8800</u>	Municipality	<u>Eldred Township</u>
SIC Description	<u>Private Households</u>	County	<u>Warren</u>
Date Application Received	<u>May 21, 2025</u>	WQM Required	<u>Previously issued - 6220405</u>
Date Application Accepted	<u>May 27, 2025</u>	WQM App. No.	<u></u>
Project Description	<u>Renewal for a Single residence sewage treatment plant.</u>		

Summary of Review

The permittee is applying for reissuance of Individual Permit **PA0288551** that would expire on October 31, 2025. This is a discharge into Pine Creek, which has been designated as High-Quality. The average daily flow is projected to be 400 GPD.

The existing facility consists of (WQM Permit No. 6220405): An existing 1,000-gallon dual compartment polyethylene septic tank, a new 500-gallon single compartment septic tank followed by a Premier Tech EC7-500-C-GDV Coco Filter unit followed by a Salcor 3G ultraviolet (UV) disinfection unit.

Act 14 notifications were submitted and received.

No AMRs have been received.

There are no open violations in WMS for the subject Client ID (357339) as of May 27, 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	May 27, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	May 29, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.0005
Latitude	41 42' 34.72"	Longitude	-79 30' 57.38"
Quad Name		Quad Code	41079F5
Wastewater Description:	Sewage Effluent		
Receiving Waters	Pine Creek (HQ-CWF)	Stream Code	54331
NHD Com ID	100470089	RMI	0.1400
Drainage Area	0.17	Yield (cfs/mi ²)	0.1
Q ₇₋₁₀ Flow (cfs)	0.1	Q ₇₋₁₀ Basis	USGS Stream Stats
Elevation (ft)	1653	Slope (ft/ft)	-----
Watershed No.	16-E	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	
Hardness (mg/L)	100	Default	
Other:	-----	-----	
Nearest Downstream Public Water Supply Intake	Aqua Pennsylvania - Emlenton		
PWS Waters	Allegheny River	Flow at Intake (cfs)	1376.0
PWS RMI	90.0	Distance from Outfall (mi)	>50

Changes Since Last Permit Issuance: N/A

Other Comments: This SRSTP was designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General Permit due to the use of a Premier Tech EC7-C-P Coco Filter unit and the discharge is located in a High Quality (HQ) 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.

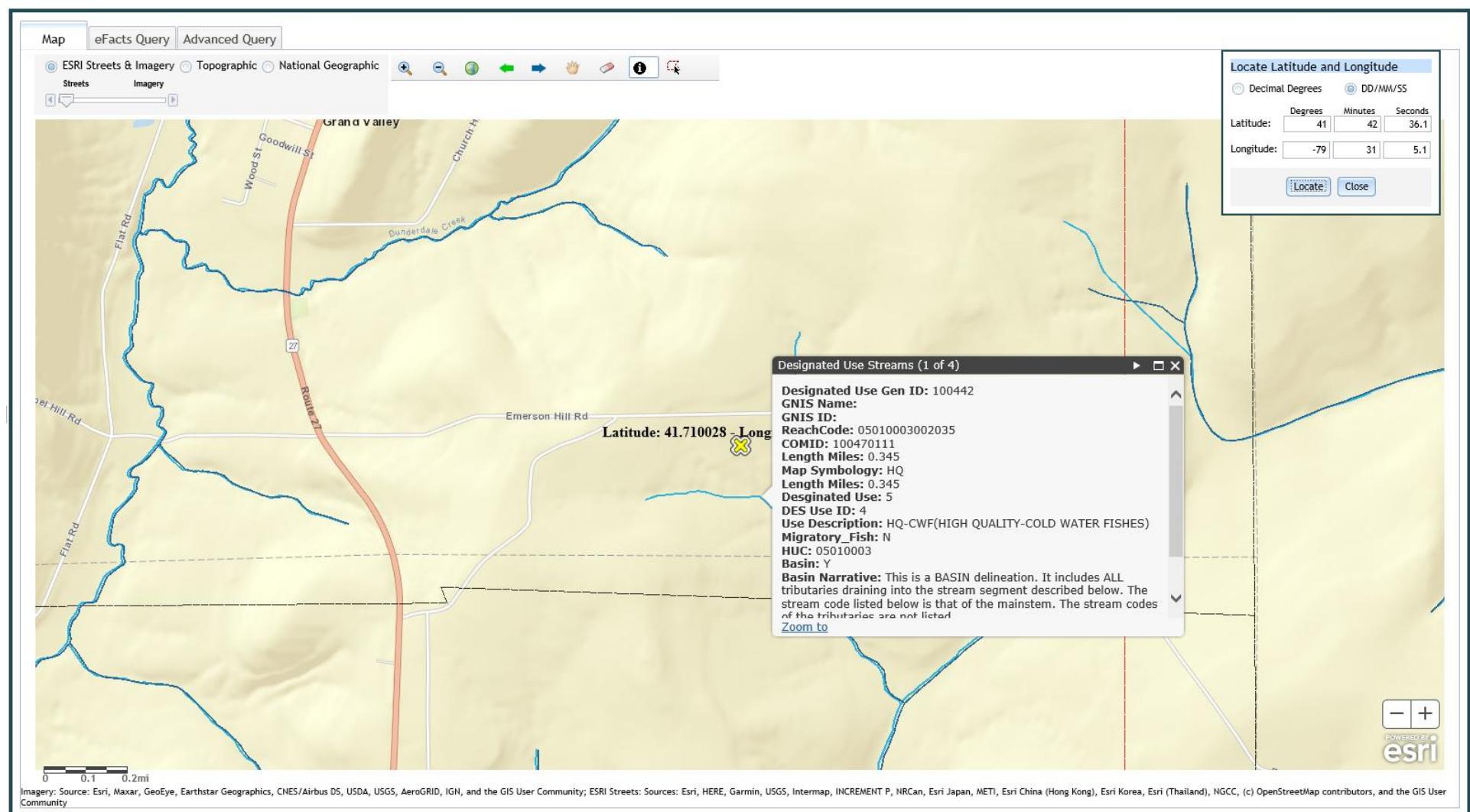
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽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 Daily Min	XXX	9.0 Daily Max	XXX	1/month	Grab
BOD ₅	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. In accordance with Regional Policy, pH monitoring is established as monthly due to High Quality (HQ) Stream Classification

Attachment 1
eMap – Location Map



Attachment 2
Google Earth Imagery

