

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0264041
APS ID 1148634
Authorization ID 1546192

Applicant, Facility and Project Information

Applicant Name <u>Mathe Garth</u>	Facility Name <u>Garth Mathe SRSTP</u>
Applicant Address <u>3749 Williams Road</u> <u>Erie, PA 16510-6147</u>	Facility Address <u>3749 Williams Road</u> <u>Erie, PA 16510-6147</u>
Applicant Contact <u>Garth Mathe</u>	Facility Contact _____
Applicant Phone <u>(814) 823-3042</u>	Facility Phone _____
Client ID <u>321170</u>	Site ID <u>809510</u>
SIC Code <u>8800</u>	Municipality <u>Harborcreek Township</u>
SIC Description <u>Private Households</u>	County <u>Erie</u>
Date Application Received <u>October 20, 2025</u>	WQM Required <u>Previously issued - 2515408</u>
Date Application Accepted <u>October 23, 2025</u>	WQM App. No. _____
Project Description <u>Renewal for a Single residence sewage treatment plant.</u>	

Summary of Review

The permittee is applying for reissuance of Individual Permit **PA0264041** that will expire on May 31, 2026. This is a discharge into stream channel - Trib 62336 To Sevenmile Creek. The average daily flow is projected to be 400 GPD.

The existing facility consists of (WQM Permit No. 2515408) 1500-gallon dual compartment septic tank with effluent filter, an ECOFLO STB 570PR peat filter, and UV disinfection.

Act 14 notifications were submitted and received.

AMR was submitted and the system appears to be operational.

There are no open violations in WMS for the subject Client ID (321170) as of October 23, 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	October 23, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	October 27, 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	42° 8' 48.43"	Longitude	-79° 56' 53.79"
Quad Name	Harborcreek	Quad Code	42079B8
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Sevenmile Creek (CWF, MF)	Stream Code	62336
NHD Com ID	123923715	RMI	0.6900
Drainage Area	0.0928	Yield (cfs/mi²)	0.021
Q ₇₋₁₀ Flow (cfs)	0.00202	Q ₇₋₁₀ Basis	USGS StreamStats
Elevation (ft)		Slope (ft/ft)	-
Watershed No.	15-A	Chapter 93 Class.	CWF, MF
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	Default	
Temperature (°F)	20	Default	
Hardness (mg/L)	100	Default	
Other:	-	-	
Nearest Downstream Public Water Supply Intake	Lake Erie		
PWS Waters	Erie Water Works	Flow at Intake (cfs)	-
PWS RMI	-	Distance from Outfall (mi)	3.69

Changes Since Last Permit Issuance: Elevation was revised using Google Earth. Drainage Area and Q₇₋₁₀ Flow were revised using USGS StreamStats.

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 ECOFLO STB 570PR peat filter.

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.

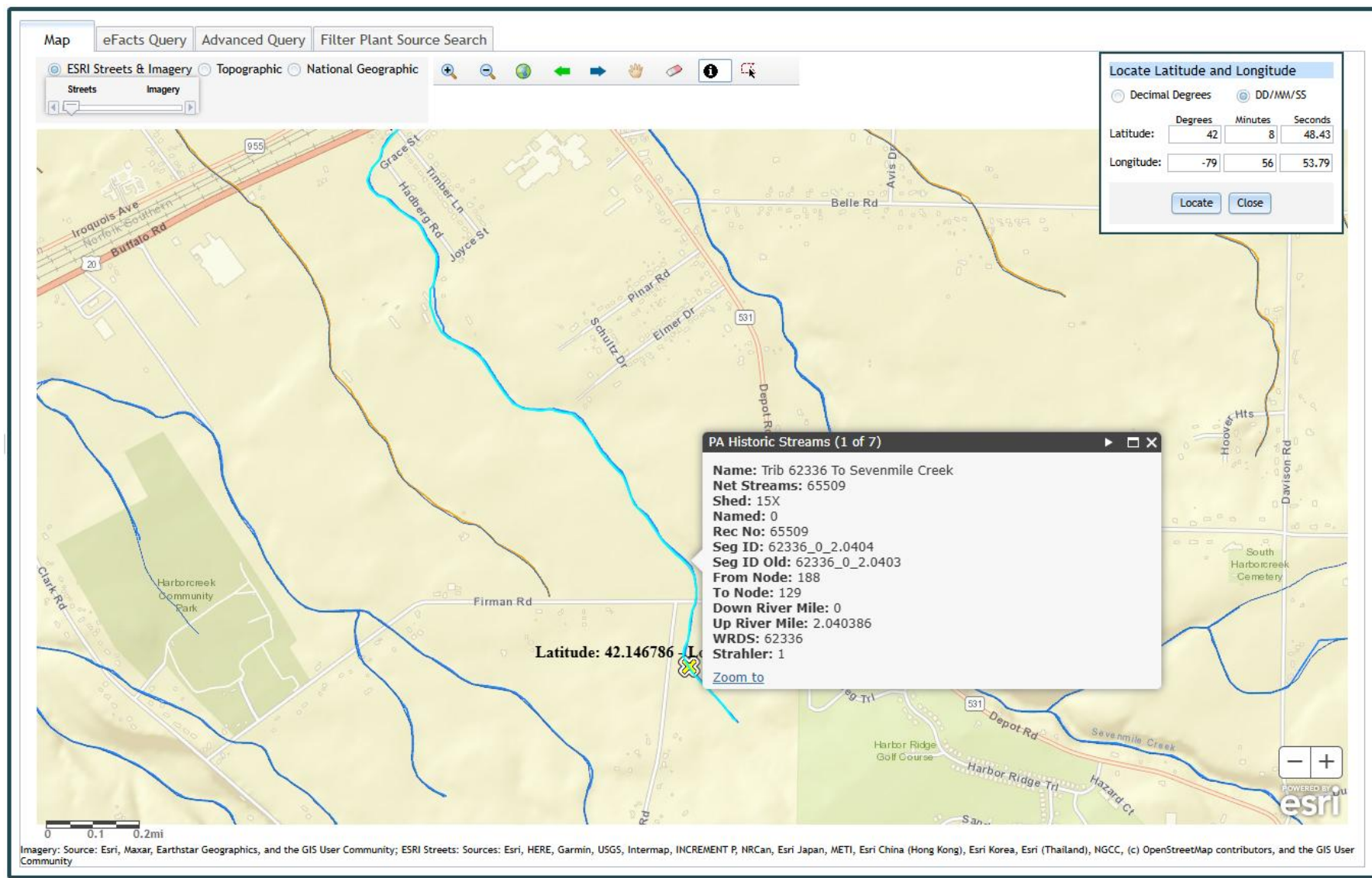
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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
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

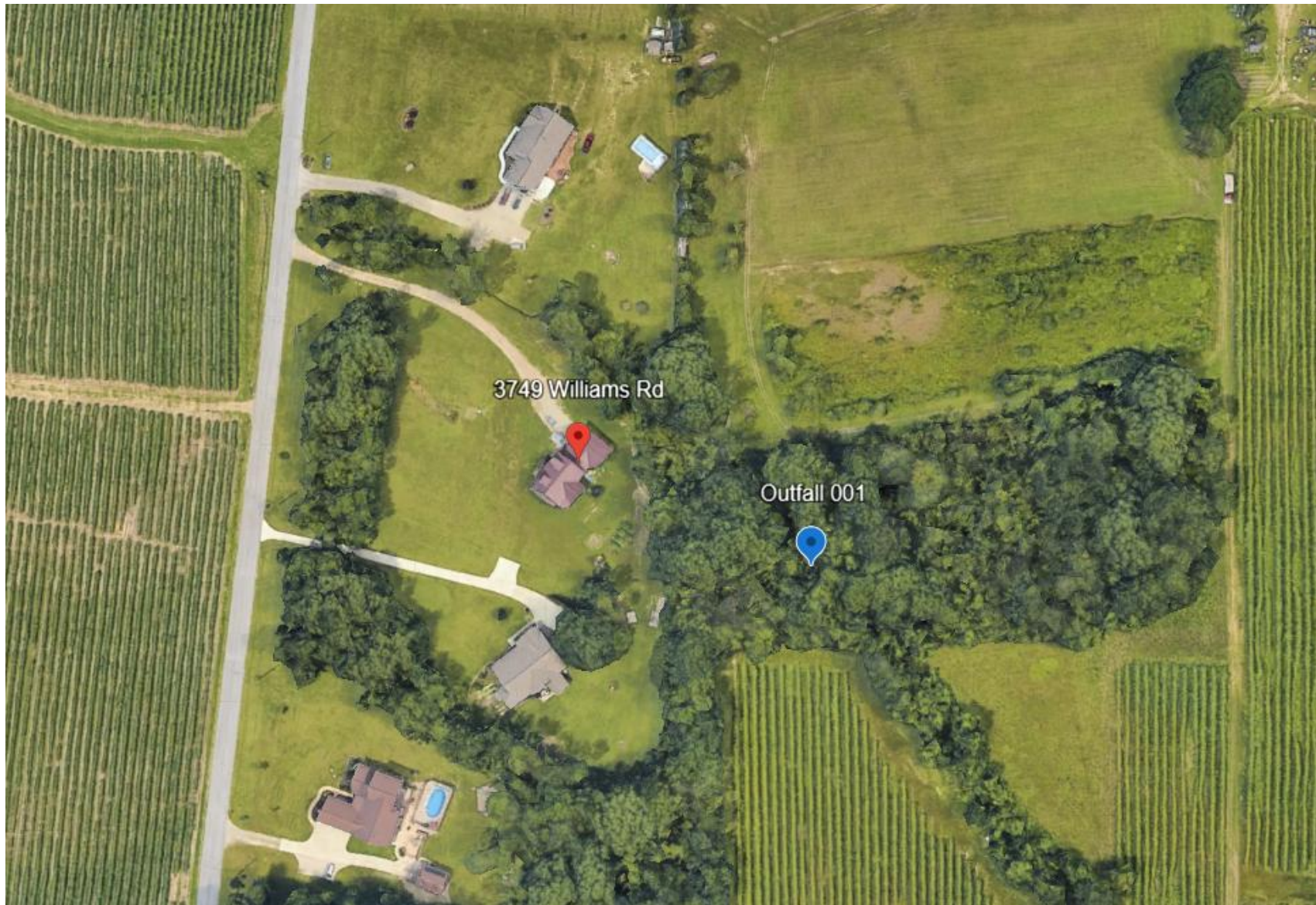
Compliance Sampling Location: Outfall 001, after disinfection.

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD5, Total Suspended Solids, and Fecal Coliforms are technology- based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

Attachment 1
eMap – Location Map



Attachment 2
Google Earth Imagery



Attachment 3
StreamStats

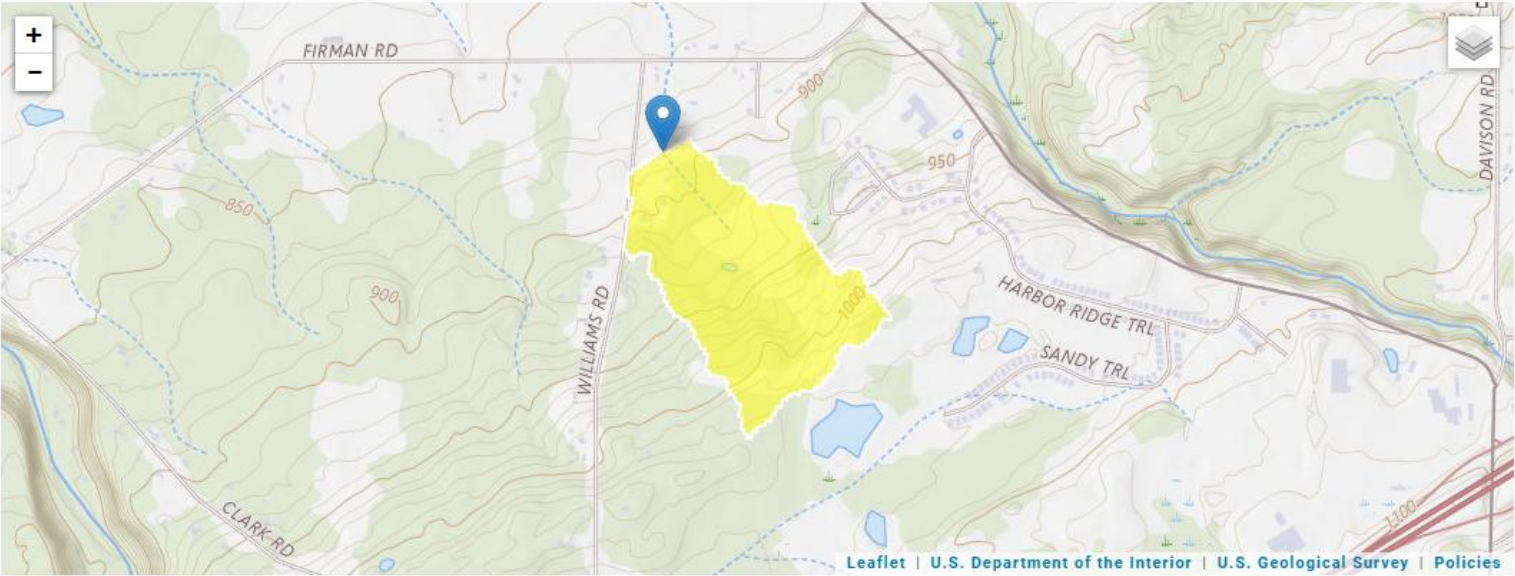
StreamStats Report

Region ID: PA

Workspace ID: PA20251023150020013000

Clicked Point (Latitude, Longitude): 42.14680, -79.94820

Time: 2025-10-23 11:00:41 -0400



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> Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.0928	square miles
ELEV	Mean Basin Elevation	951	feet
PRECIP	Mean Annual Precipitation	43	inches