

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0272531
APS ID 1139214
Authorization ID 1530434

Applicant, Facility and Project Information

Applicant Name <u>Greenfield Township Vol Fire Co.</u>	Facility Name <u>Greenfield Vfd SRSTP</u>
Applicant Address <u>11326 Wilson Road</u>	Facility Address <u>10160 Station Road</u>
<u>North East, PA 16428-6120</u>	<u>North East, PA 16428-5704</u>
Applicant Contact <u>Kevin Bartlett</u>	Facility Contact _____
Applicant Phone <u>(814) 572-5055</u>	Facility Phone _____
Client ID <u>352436</u>	Site ID <u>836735</u>
SIC Code <u>4952,8800</u>	Municipality <u>Greenfield Township</u>
SIC Description <u>Private Households, Trans. & Utilities - Sewerage Systems</u>	County <u>Erie</u>
Date Application Received <u>June 12, 2025</u>	WQM Required <u>Previously issued - 2519418</u>
Date Application Accepted <u>June 16, 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 **PA0272531** that would expire on February 28, 2025. This is a discharge into stream channel - Trib 53961 To Townley Run. The average daily flow is projected to be 400 GPD.

Act 14 notifications were submitted and received.

The existing facility under (WQM Permit No. 2519418) issued on February 2020 consist of: 1000-gallon dual compartment septic tank with a NSF listed effluent filter, Premier Tech EC7-500-C-P concrete coco filter with an effluent pump, and 1000-gallon dual compartment septic tank with a Salcor 3G ultra-violent light.

AMR was not received.

There are no open violations in WMS for the subject Client ID (352436) as of June 16, 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	June 16, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	June 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	42° 6' 58.09"	Longitude	-79° 51' 5.05"
Quad Name	Wattsburg	Quad Code	42079A7
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Townley Run (WWF)	Stream Code	53961
NHD Com ID	127355851	RMI	0.4200
Drainage Area	4.47	Yield (cfs/mi²)	0.0577
Q ₇₋₁₀ Flow (cfs)	0.258	Q ₇₋₁₀ Basis	USGS Stream Stats
Elevation (ft)	1462	Slope (ft/ft)	---
Watershed No.	16-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)	7	Default	
Temperature (°F)	25	Default	
Hardness (mg/L)	100	Default	
Other:	--	----	
Nearest Downstream Public Water Supply Intake	Cambridge Springs Borough		
PWS Waters	French Creek	Flow at Intake (cfs)	51.45
PWS RMI	48.35	Distance from Outfall (mi)	49.4

Changes Since Last Permit Issuance: N/A

Other Comments: This SRSTP was designed where applicable in accordance with the SFTF Manual

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.

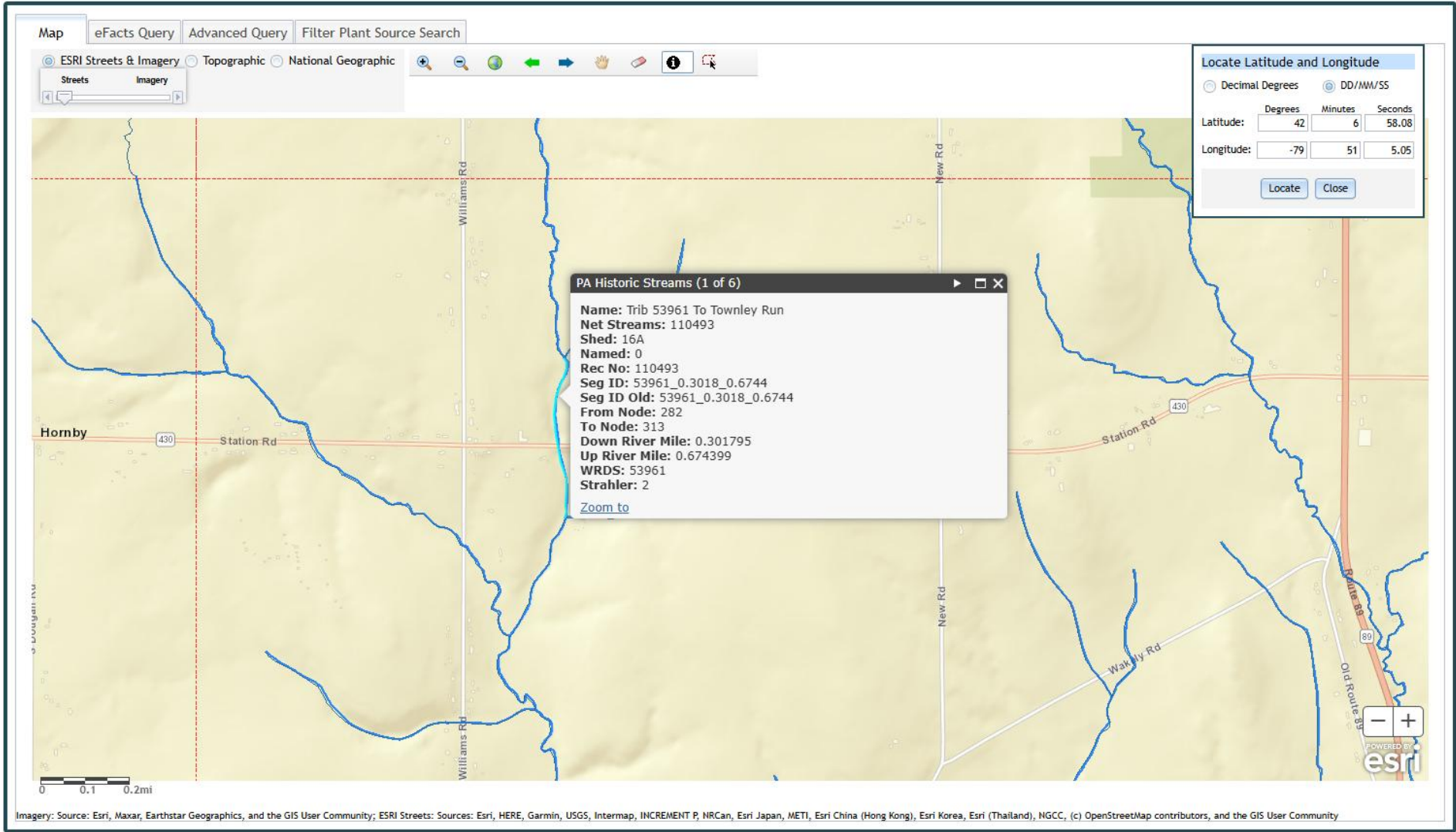
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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 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	20.0	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: 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.

Attachment 1
eMAP– Receiving Streams Information



Attachment 2
Google Earth - Imagery

