

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0222810
APS ID 1139703
Authorization ID 1531188

Applicant, Facility and Project Information

Applicant Name <u>Brian G Pitell</u>	Facility Name <u>Brian G Pitell SRSTP</u>
Applicant Address <u>707 Little Creek Road</u> <u>Evans City, PA 16033-3803</u>	Facility Address <u>707 Little Creek Road</u> <u>Evans City, PA 16033-3803</u>
Applicant Contact <u>Brian Pitell</u>	Facility Contact <u>Brian Pitell</u>
Applicant Phone <u>(724) 713-6135</u>	Facility Phone <u>(724) 713-6135</u>
Client ID <u>268046</u>	Site ID <u>483188</u>
SIC Code <u>8800</u>	Municipality <u>Connoquenessing Township</u>
SIC Description <u>Private Households</u>	County <u>Butler</u>
Date Application Received <u>June 18, 2025</u>	WQM Required <u>Previously issued - 1098410</u>
Date Application Accepted _____	WQM App. No. <u>-</u>
Project Description <u>Renewal application for a Single Resident Sewage Treatment Plant (SRSTP)</u>	

Summary of Review

The permittee is applying for reissuance of Individual Permit No. PA0222810 which is set to expire on June 30, 2025. The existing discharge serves a single home and discharges into Tributary 34975 of Little Connoquenessing Creek (CWF).

The existing facility consists of (WQM Permit No. 1098410): A Chromaglass CA-5 package aeration system with a small backwashing sand filter and tablet chlorine disinfection.

Act 14 notifications were submitted and received.

The AMR for 2024-2025 was submitted with the application. The system appears to be operating as designed.

There are no open violations in WMS for the subject Client ID (268046) as of June 25, 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		Carlee Wilson Carlee Wilson / Environmental Engineering Trainee	June 26, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	July 1, 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	40° 49' 56.33"	Longitude	-80° 2' 48.69"
Quad Name	-	Quad Code	-
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary of Little Connoquenessing Creek (CWF)	Stream Code	34975
NHD Com ID	126218448	RMI	-
Drainage Area	0	Yield (cfs/mi²)	-
Q ₇₋₁₀ Flow (cfs)	0	Q ₇₋₁₀ Basis	USGS – StreamStats
Elevation (ft)	-	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	Final	Name	Little Connoquenessing Creek Watershed
Background/Ambient Data		Data Source	
pH (SU)	-		-
Temperature (°F)	-		-
Hardness (mg/L)	-		-
Other:	-		-
Nearest Downstream Public Water Supply Intake	-		
PWS Waters	-	Flow at Intake (cfs)	-
PWS RMI	-	Distance from Outfall (mi)	-

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 coverage under the PAG-04 General Permit due to the use of a Chromaglass CA-5 treatment system.

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.

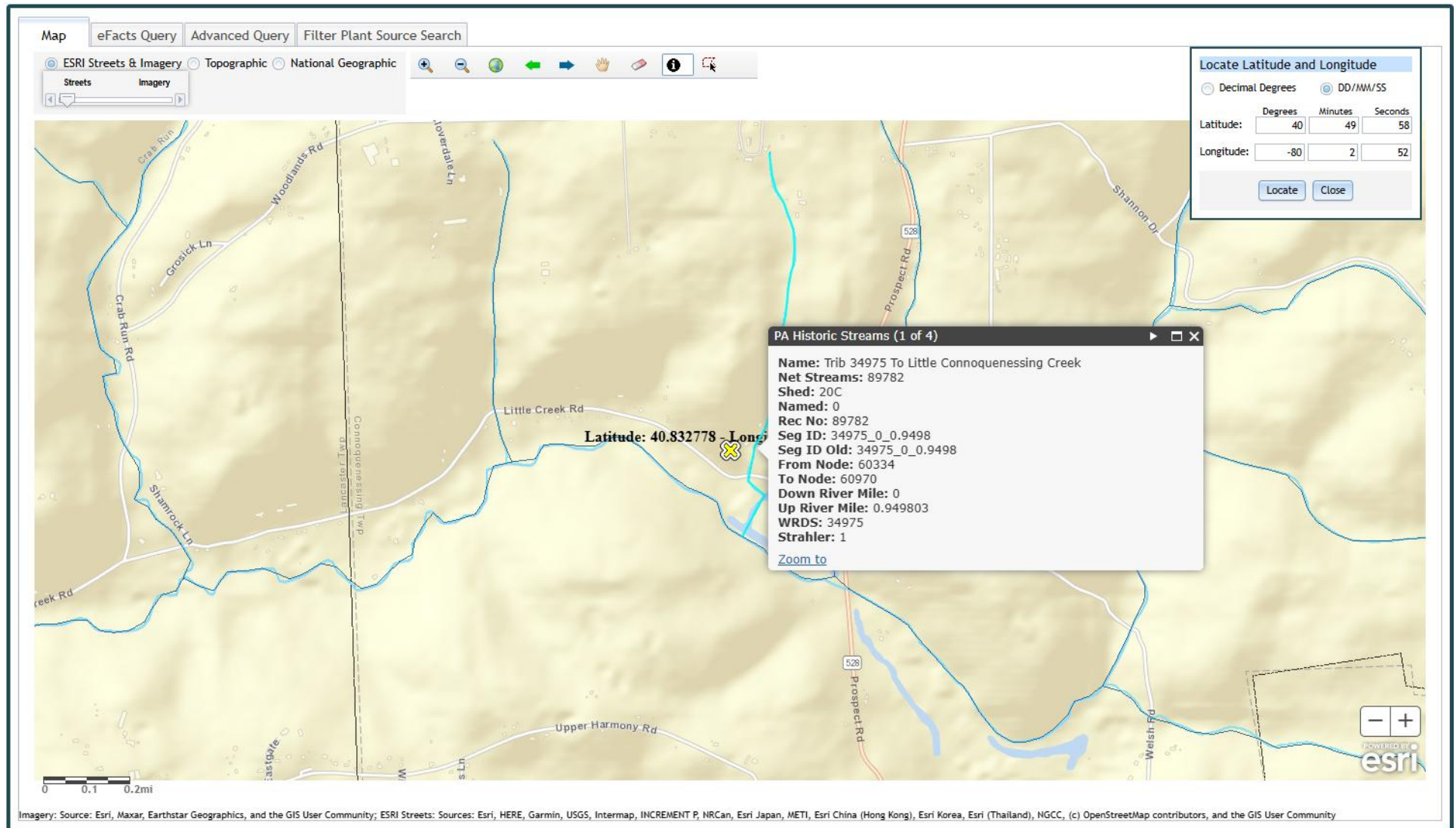
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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	1/year	Grab
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
BOD ₅	XXX	XXX	XXX	25.0	XXX	50.0	1/year	Grab
TSS	XXX	XXX	XXX	25.0	XXX	50.0	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: Effluent limits were retained from the last permit cycle. Flow and TRC are monitor only based on Chapter 92a.61. The limits for pH are technology-based on Chapter 93.7. The limits for BOD₅, Total Suspended Solids, and Fecal Coliforms are technology-based on Chapter 92a.47. Since the facility was constructed prior to the development of the SFTF Manual, the BOD₅ and TSS limits are less restrictive than the typical values in the SOP for SRSTPs.

Attachment 1
eMapPA – Receiving Stream Location and Data



Attachment 2
Google Earth – Aerial Site View

