

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0272019
APS ID 1125345
Authorization ID 1505773

Applicant, Facility and Project Information

Applicant Name <u>Patrick Lamb</u>	Facility Name <u>Patrick Lamb SRSTP</u>
Applicant Address <u>11396 Sharp Road</u> <u>Waterford, PA 16441-3976</u>	Facility Address <u>11396 Sharp Road</u> <u>Waterford, PA 16441</u>
Applicant Contact <u>Patrick Lamb</u>	Facility Contact _____
Applicant Phone <u>(814) 490-9492</u>	Facility Phone _____
Client ID <u>389254</u>	Site ID <u>833555</u>
SIC Code <u>4952,8800</u>	Municipality <u>Waterford Township</u>
SIC Description <u>Private Households, Trans. & Utilities - Sewerage Systems</u>	County <u>Erie</u>
Date Application Received <u>November 1, 2024</u>	WQM Required _____
Date Application Accepted _____	WQM App. No. <u>2519402 T-2</u>
Project Description <u>NPDES Renewal of a Single Residence Sewage Treatment Plant (SRSTP).</u>	

Summary of Review

This is an existing discharge.

Act 14 – Proof of Notification was submitted and received.

Treatment consists of (WQM Permit No. 2519402 T-1): An EcofloEC7-500-P-PACK coco filter with UV disinfection and effluent pumping.

The EPA Waiver is in effect.

There are no open violations in WMS for the subject Client ID (389254) as of 2/5/2025.

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		Jordan A. Frey, E.I.T. Jordan A. Frey, E.I.T. / Project Manager	February 5, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	February 6, 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° 57' 0.91"	Longitude	-80° 3' 33.12"
Quad Name	Cambridge Springs	Quad Code	41080H1
Wastewater Description:		Sewage Effluent	
Receiving Waters	Unnamed Tributary to Trout Run (HQ-CWF)	Stream Code	53478
NHD Com ID	127344895	RMI	0.0500
Drainage Area		Yield (cfs/mi²)	0.1
Q ₇₋₁₀ Flow (cfs)		Q ₇₋₁₀ Basis	Default
Elevation (ft)	1080	Slope (ft/ft)	
Watershed No.	16-A	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	Cambridge Springs Borough		
PWS Waters	French Creek	Flow at Intake (cfs)	51.45
PWS RMI	48.35	Distance from Outfall (mi)	25

Changes Since Last Permit Issuance: None.

Other Comments: None.

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.

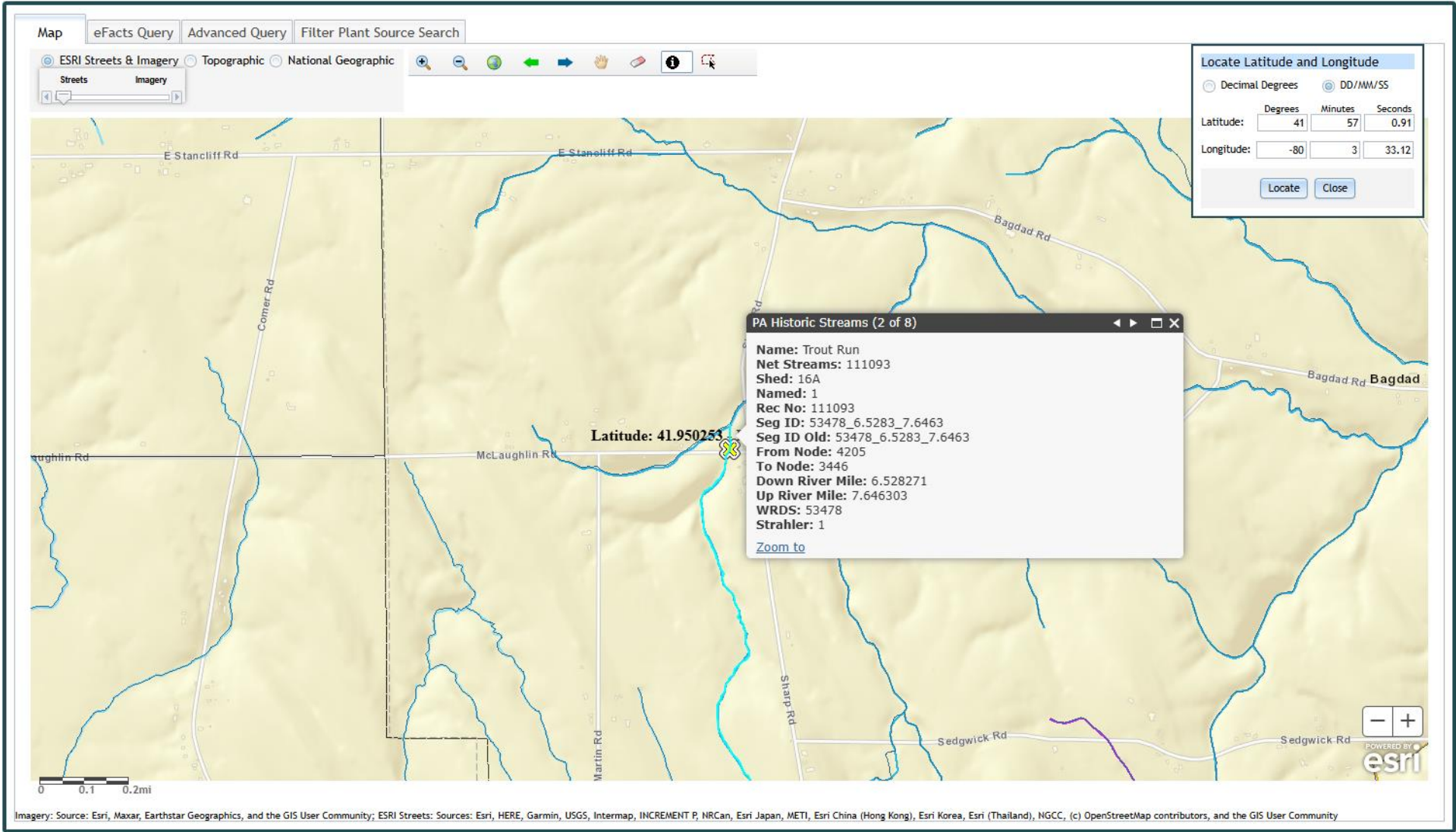
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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	1/month	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	1000	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 and Total Suspended Solids are BPJ limits based on the Small Flow Treatment Facilities Manual. Fecal Coliform is 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

