

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0288411
APS ID 1128992
Authorization ID 1512572

Applicant, Facility and Project Information

Applicant Name <u>David M Carroll Jr</u>	Facility Name <u>David M Carroll Jr SRSTP</u>
Applicant Address <u>9705 Bliley Road</u> <u>Waterford, PA 16441-7309</u>	Facility Address <u>9705 Bliley Road</u> <u>Waterford, PA 16441-7309</u>
Applicant Contact <u>David Carroll</u>	Facility Contact _____
Applicant Phone <u>(814) 825-7305</u>	Facility Phone _____
Client ID <u>356676</u>	Site ID <u>839165</u>
SIC Code <u>8800</u>	Municipality <u>Greene Township</u>
SIC Description <u>Private Households</u>	County <u>Erie</u>
Date Application Received <u>January 13, 2025</u>	WQM Required _____
Date Application Accepted _____	WQM App. No. _____
Project Description <u>Renewal application for a Single Resident Sewage Treatment Plant (SRSTP)</u>	

Summary of Review

This is an existing discharge for a 3-bedroom home where the treated effluent will discharge into a roadside ditch from a riprap channel on owners' property to an unnamed tributary 53568 (TSF) which feeds East Branch Le Boeuf Creek (TSF).

Act 14 notifications were submitted and received.

Yearly AMRs have been submitted and appears to be operating as designed.

The existing treatment facilities consist of (WQM Permit No. 2520413): A 1,000-gallon concrete tank, a Premier Tech EC7-500-C-GDV Coco Filter Unit, and a Salcor 3G Ultraviolet (UV) disinfection unit.

There are no open violations in WMS for the subject Client ID (356676) as of February 12, 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	February 12, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	February 18, 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° 4' 43.97"	Longitude	-79° 56' 20.70"
Quad Name	Hammett	Quad Code	0206
Wastewater Description:		Sewage Effluent	
Receiving Waters	Unnamed Tributary to East Branch LeBoeuf Creek (TSF)	Stream Code	53568
NHD Com ID	127349428	RMI	0.5500
Drainage Area	0.0494	Yield (cfs/mi²)	
Q7-10 Flow (cfs)	0.00169	Q7-10 Basis	USGS- StreamStats
Elevation (ft)	1421	Slope (ft/ft)	
Watershed No.	16-A	Chapter 93 Class.	TSF
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)			
Temperature (°F)			
Hardness (mg/L)			
Other:			
Nearest Downstream Public Water Supply Intake			
PWS Waters		Flow at Intake (cfs)	
PWS RMI		Distance from Outfall (mi)	

Other Comments:

This treatment facility is ineligible for coverage under the PAG-04 General Permit due to the use of the Premier Tech EC7-500-C-GDV Coco filter Unit.

This treatment system is capable of meeting effluent limits.

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.

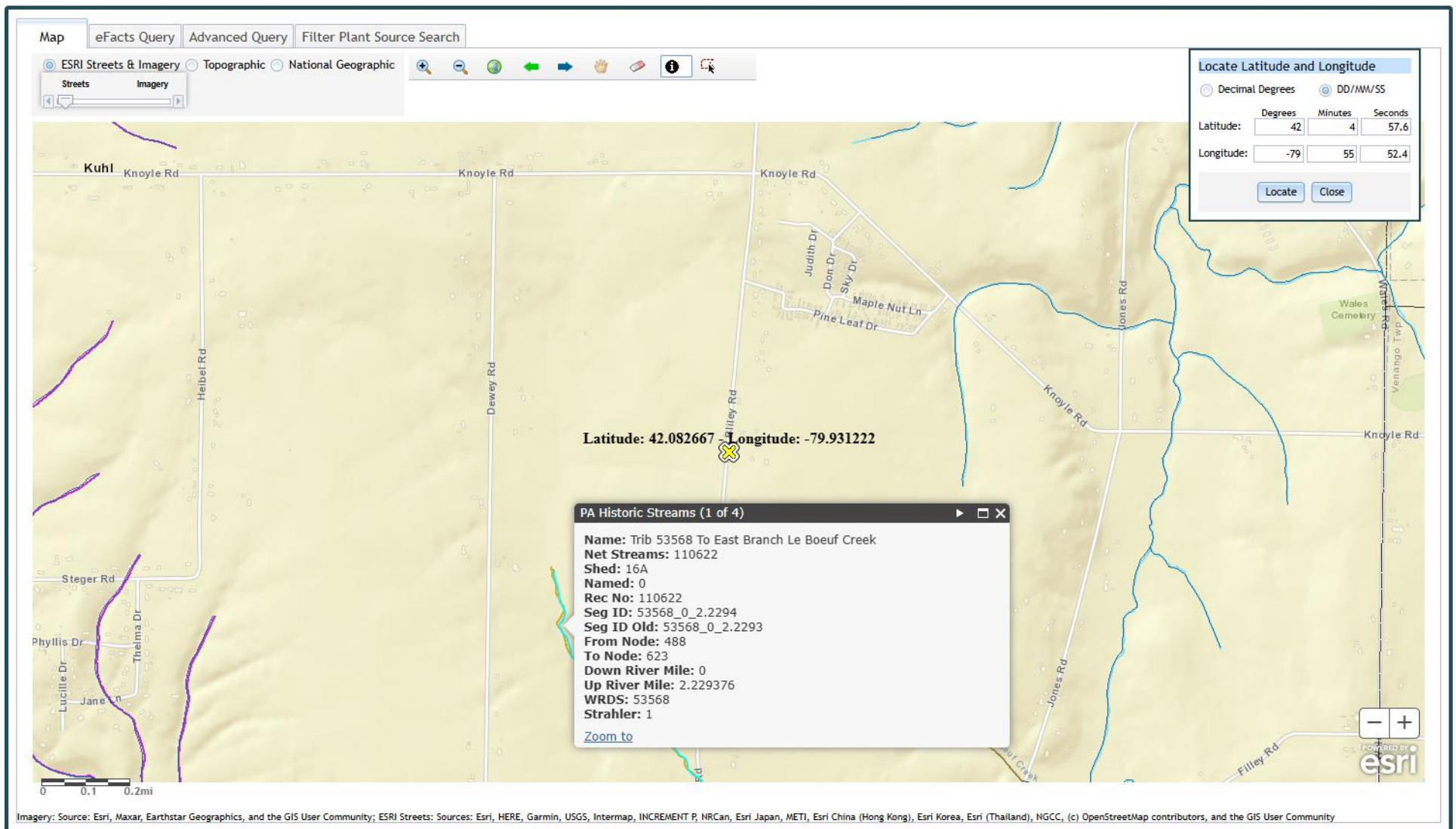
Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (GPD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Upon Request	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	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 Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7 and the monitoring frequency has been established as "upon request" due to CWF stream designation.

Attachment 1
eMapPA – Receiving Stream Location and Data



Attachment 2
Google Earth – Aerial Site View

