

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0240214  
APS ID 1133047  
Authorization ID 1519497

### Applicant, Facility and Project Information

Applicant Name <u>Benjamin Perkins</u>	Facility Name <u>Benjamin Perkins SRSTP</u>
Applicant Address <u>7673 E Lake Road</u> <u>Erie, PA 16511-1646</u>	Facility Address <u>7673 E Lake Road</u> <u>Erie, PA 16511-1646</u>
Applicant Contact <u>Benjamin Perkins</u>	Facility Contact _____
Applicant Phone <u>(814) 520-7373</u>	Facility Phone _____
Client ID <u>391525</u>	Site ID <u>705778</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>March 12, 2025</u>	WQM Required <u>Previously Issued</u>
Date Application Accepted _____	WQM App. No. <u>2508404 T-3</u>
Project Description <u>Renewal for a Single Resident Sewage Treatment Plant (SRSTP)</u>	

### Summary of Review

The permittee is requesting reissuance and transfer of Individual Permit No. PA0240214 which expires on May 31, 2025. The existing discharge serves a single home and discharges into Eightmile Creek (CWF, MF).

The existing facilities consist of (WQM Permit No. 2508404 T-3): A 1,000-gallon dual-compartment septic tank with an effluent filter, an EcoFlo STB 650 peat biofilter, an Ultraviolet (UV) light disinfection, and a 235-gallon effluent pump tank.

Act 14 notifications were submitted and received.

There are no open violations in WMS for the subject Client ID (391525) as of March 26, 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	March 26, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	April 3, 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° 11' 22.67"	Longitude	-79° 56' 47.37"
Quad Name	-	Quad Code	-
Wastewater Description: Sewage Effluent			
Receiving Waters	Eightmile Creek (CWF, MF)	Stream Code	62319
NHD Com ID	123923654	RMI	-
Drainage Area	3.88	Yield (cfs/mi²)	-
Q <sub>7-10</sub> Flow (cfs)	0.126	Q <sub>7-10</sub> 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)	-		-
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 SFTF was designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General due to the use of an EcoFlo STB 650 peat biofilter.

**Proposed Effluent Limitations and Monitoring Requirements**

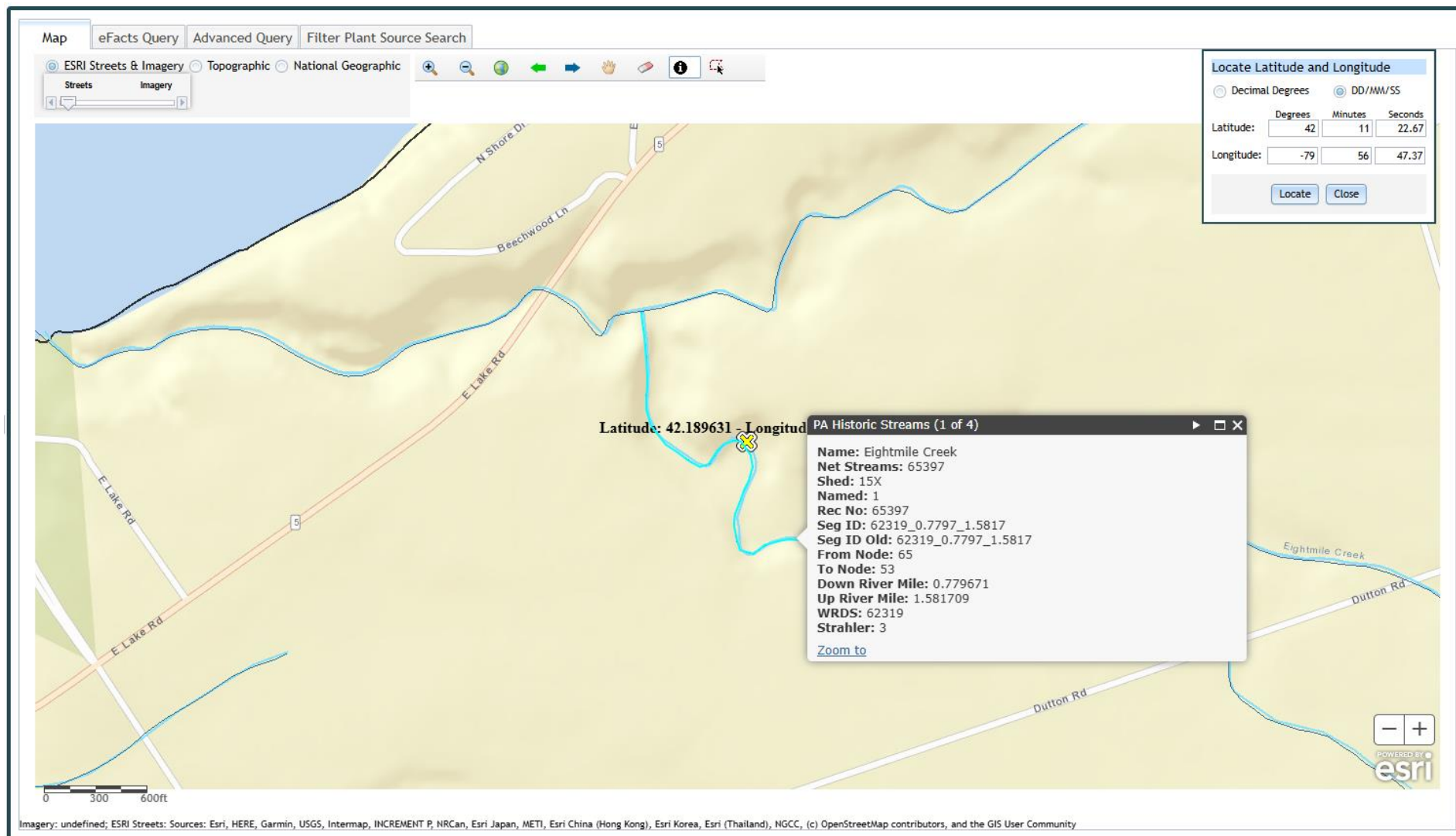
The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). 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) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> 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/year	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

Attachment 1  
eMapPA – Receiving Stream Location and Data



Attachment 2  
Google Earth – Aerial Site View

