

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0272582
APS ID 1104839
Authorization ID 1469313

Applicant, Facility and Project Information

Applicant Name <u>Janelle V Kerner & Timothy S Hoderny</u>	Facility Name <u>Janelle V Kerner & Timothy S Hoderny SRSTP</u>
Applicant Address <u>8275 Williams Road</u> <u>North East, PA 16428-4880</u>	Facility Address <u>8275 Williams Road</u> <u>North East, PA 16428-4880</u>
Applicant Contact <u>Timothy Hoderny</u>	Facility Contact _____
Applicant Phone <u>(814) 449-2303</u>	Facility Phone _____
Client ID <u>305951</u>	Site ID <u>766108</u>
SIC Code <u>4952,8800</u> <u>Private Households, Trans. & Utilities - Sewerage Systems</u>	Municipality <u>North East Township</u>
SIC Description _____	County <u>Erie</u>
Date Application Received <u>January 3, 2024</u>	WQM Required <u>No – WQM Permit Received.</u>
Date Application Accepted _____	WQM App. No. _____
Project Description <u>This is an application to renew NPDES Permit No. PA0272582 which serves a 3-bedroom home and discharges to an HQ watershed.</u>	

Summary of Review

This is an existing discharge which serves an existing 3-bedroom home and discharges to an HQ watershed.

Act 14 – Notifications were submitted and received.

Treatment at the facility consists of (WQM Permit No. WQG018856): A septic tank, recirculating subsurface sand filter, and UV disinfection.

There are no open violations in WMS for the subject Client ID (305951) as of 10/30/24.

Regarding the WQG-01 Part II Permit, the system is eligible for coverage under the Part II General Permit however since the discharge is to an HQ watershed it is not available to be switched over to the NPDES General Permit. The WQG-01 permit is adequate for this facility to remain covered.

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		Dustin Hargenrater Dustin Hargenrater / Civil Engineer (General)	October 30, 2024
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	October 31, 2024

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° 9' 51.66"	Longitude	-79° 52' 12.35"
Quad Name	North East	Quad Code	42079B7
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary of Twelvemile Creek (HQ-CWF, MF)	Stream Code	62303
NHD Com ID	123924604	RMI	0.2600
Drainage Area	0.0354	Yield (cfs/mi ²)	0.031
Q ₇₋₁₀ Flow (cfs)	0.0011	Q ₇₋₁₀ Basis	USGS - StreamStats
Elevation (ft)	1,220	Slope (ft/ft)	----
Watershed No.	15-A	Chapter 93 Class.	HQ-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)	7.0	Default	
Temperature (°F)	60	Default	
Hardness (mg/L)	100	Default	
Other:			
Nearest Downstream Public Water Supply Intake	Lake Erie		
PWS Waters	Lake Erie	Flow at Intake (cfs)	---
PWS RMI	---	Distance from Outfall (mi)	5.7

Changes Since Last Permit Issuance: No changes have been made since last permit issuance.

Other Comments: The facility is not able to be covered under the PAG-04 General Permit due to the discharge being to an HQ watershed. The installed system is eligible for coverage under the WQG-01 General Permit as it is a subsurface sand filter.

In accordance with the SOP, no water quality modeling was performed since this is an SRSTP.

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.

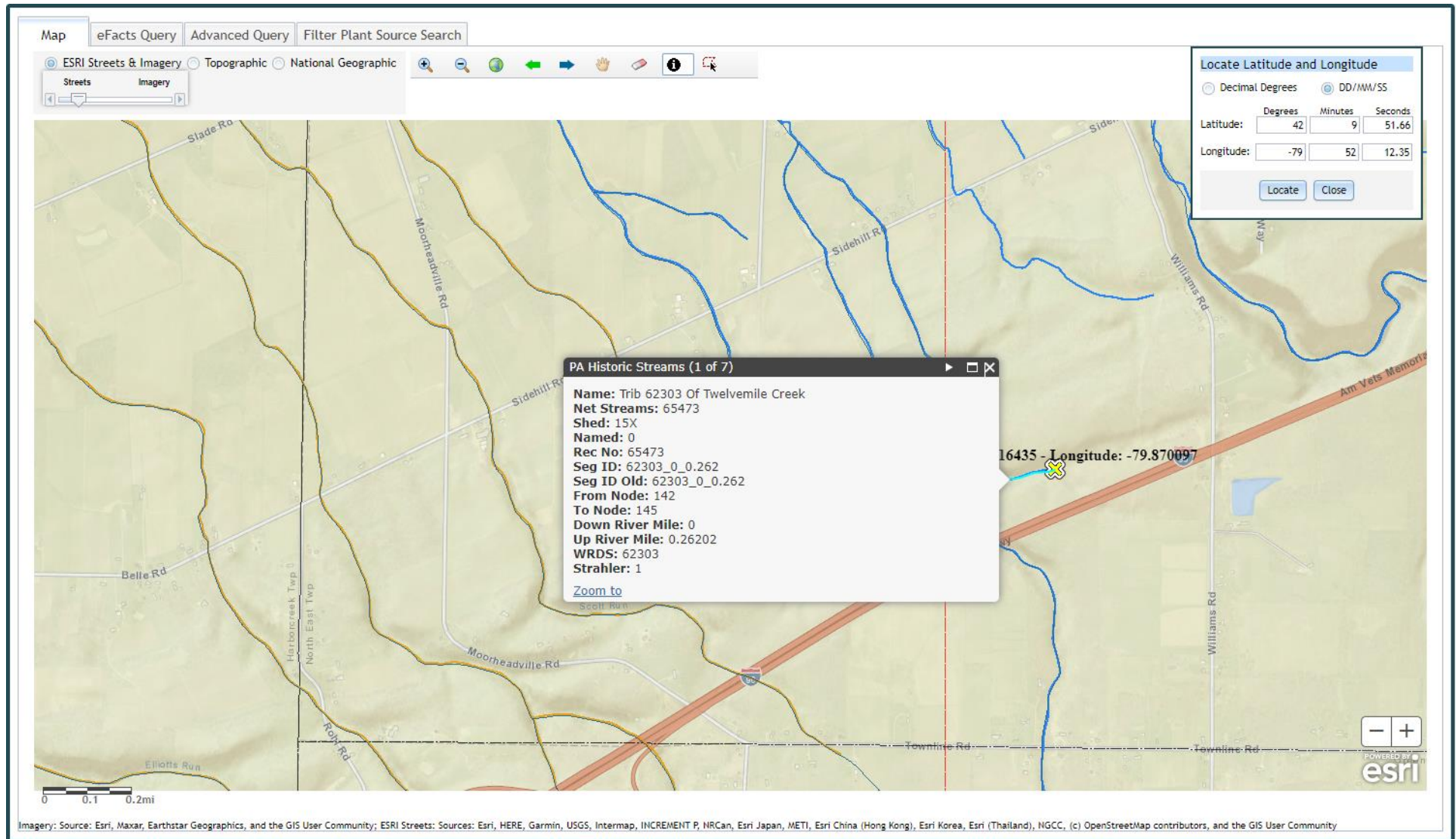
Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (GPD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
CBOD5	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.

pH monitoring will be implemented as a 1/month test since the discharge is to an HQ watershed.

Attachment 1
eMap – Location and Receiving Stream Data



Attachment 2
Google Earth Site Imagery

