

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

**NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP**

Application No. **PA0288268**
APS ID **1147195**
Authorization ID **1543769**

Applicant, Facility and Project Information

Applicant Name	Jacob Straw & Lydia Rose	Facility Name	Jacob Straw & Lydia Rose SRSTP
Applicant Address	3911 Harbogreene Road	Facility Address	3911 Harbogreene Road
Applicant Contact	Jacob Straw	Facility Contact	
Applicant Phone	(724) 456-2900	Facility Phone	
Client ID	372381	Site ID	250767
SIC Code	8800	Municipality	Greene Township
SIC Description	Private Households	County	Erie
Date Application Received	September 29, 2025	WQM Required	Previously issued -2589409
Date Application Accepted	October 16, 2025	WQM App. No.	
Project Description	Renewal for a Single Residence Sewage Treatment Plant		

Summary of Review

The permittee is applying for reissuance of Individual Permit **PA0288268** that expired on July 31, 2025. This is a discharge into stream channel - Trib 62398 To Fourmile Creek. The average daily flow is projected to be 500 GPD.

The existing facility consists of: A new 1,250-gallon dual compartment concrete septic tank with an effluent filter, an Ecoflo coco filter EC7-500-P-G-USA treatment unit, a Salcor Model 3G Ultraviolet (UV) light disinfection unit, and an effluent pump tank.

Act 14 notifications were submitted and received.

AMRs were received and appears to be operational.

There are no open violations in WMS for the subject Client ID (**372381**) as of October 16, 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		Adebayo Olude Adebayo Olude / Civil Engineer Trainee	October 16, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	October 29, 2025

Discharge, Receiving Waters and Water Supply Information

Outfall No. 001
 Latitude 42° 6' 11.96"
 Quad Name Hammett
 Wastewater Description: Sewage Effluent

Design Flow (MGD) .0005
 Longitude -79° 58' 29.63"
 Quad Code 42079A8

Receiving Waters Unnamed Tributary to Fourmile Creek (WWF, MF)
 NHD Com ID 123923484
 Drainage Area 0.53
 Q₇₋₁₀ Flow (cfs) 0.021
 Elevation (ft) 1256
 Watershed No. 15-A
 Existing Use _____
 Exceptions to Use -
 Assessment Status Attaining Use(s)
 Cause(s) of Impairment _____
 Source(s) of Impairment _____
 TMDL Status _____

Stream Code 62398
 RMI 0.8100
 Yield (cfs/mi²) 0.039
 Q₇₋₁₀ Basis USGS StreamStats
 Slope (ft/ft) -
 Chapter 93 Class. WWF, MF
 Existing Use Qualifier _____
 Exceptions to Criteria -

Background/Ambient Data
 pH (SU) 7
 Temperature (°F) 25
 Hardness (mg/L) 100
 Other: -

Data Source
 Default _____
 Default - WWF _____
 Default _____
 - _____

Nearest Downstream Public Water Supply Intake
 PWS Waters Erie Water Works
 PWS RMI -

Lake Erie (Chestnut and West)
 Flow at Intake (cfs) -
 Distance from Outfall (mi) >5miles

Changes Since Last Permit Issuance: Elevation was revised using Google Earth. Drainage Area and Q₇₋₁₀ Flow were revised using USGS StreamStats.

Other Comments: This SRSTP was designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General Permit due to the use of Ecoflo coco filter EC7-500-P-G.

Proposed Effluent Limitations and Monitoring Requirements

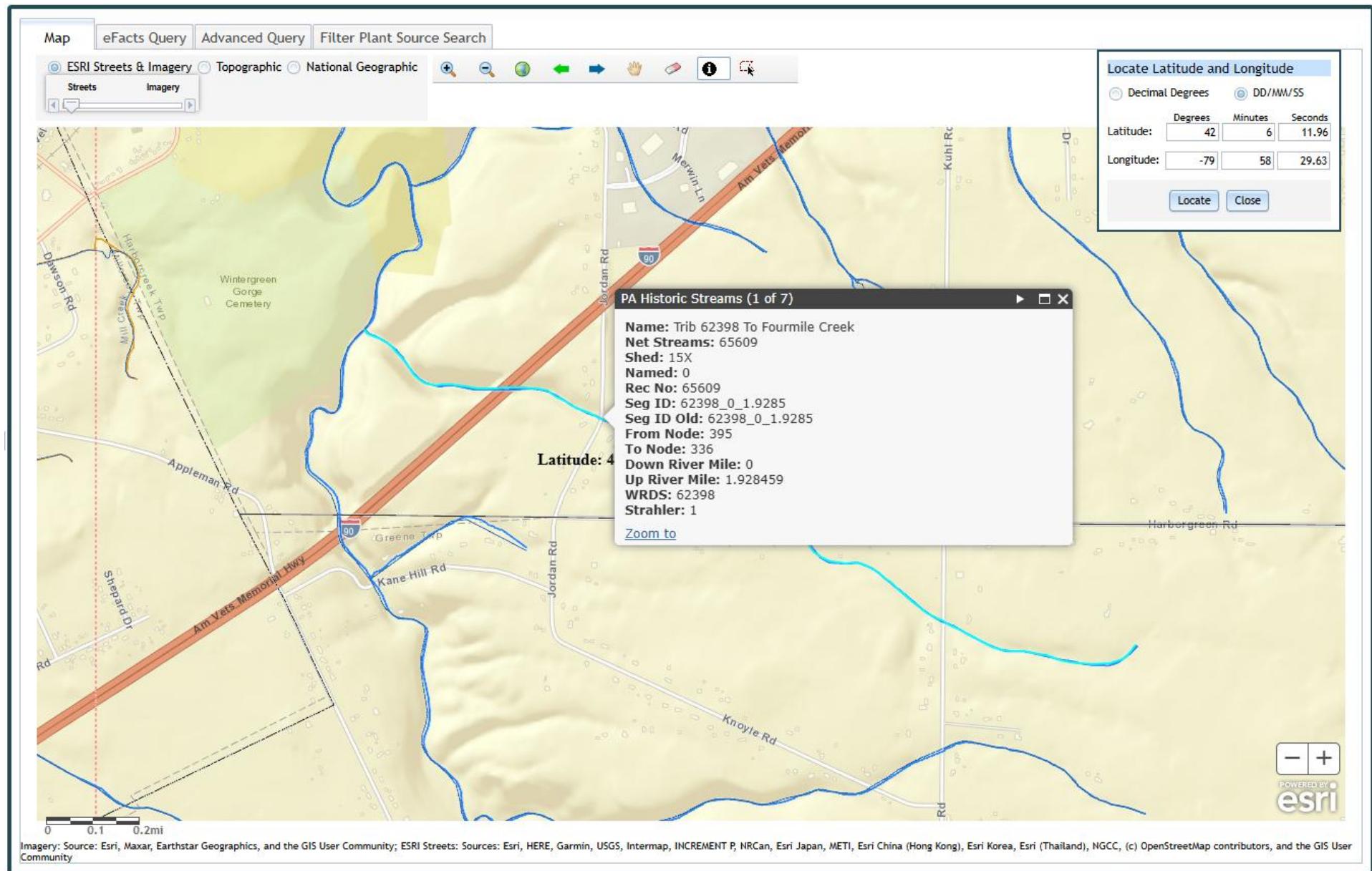
The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). 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.

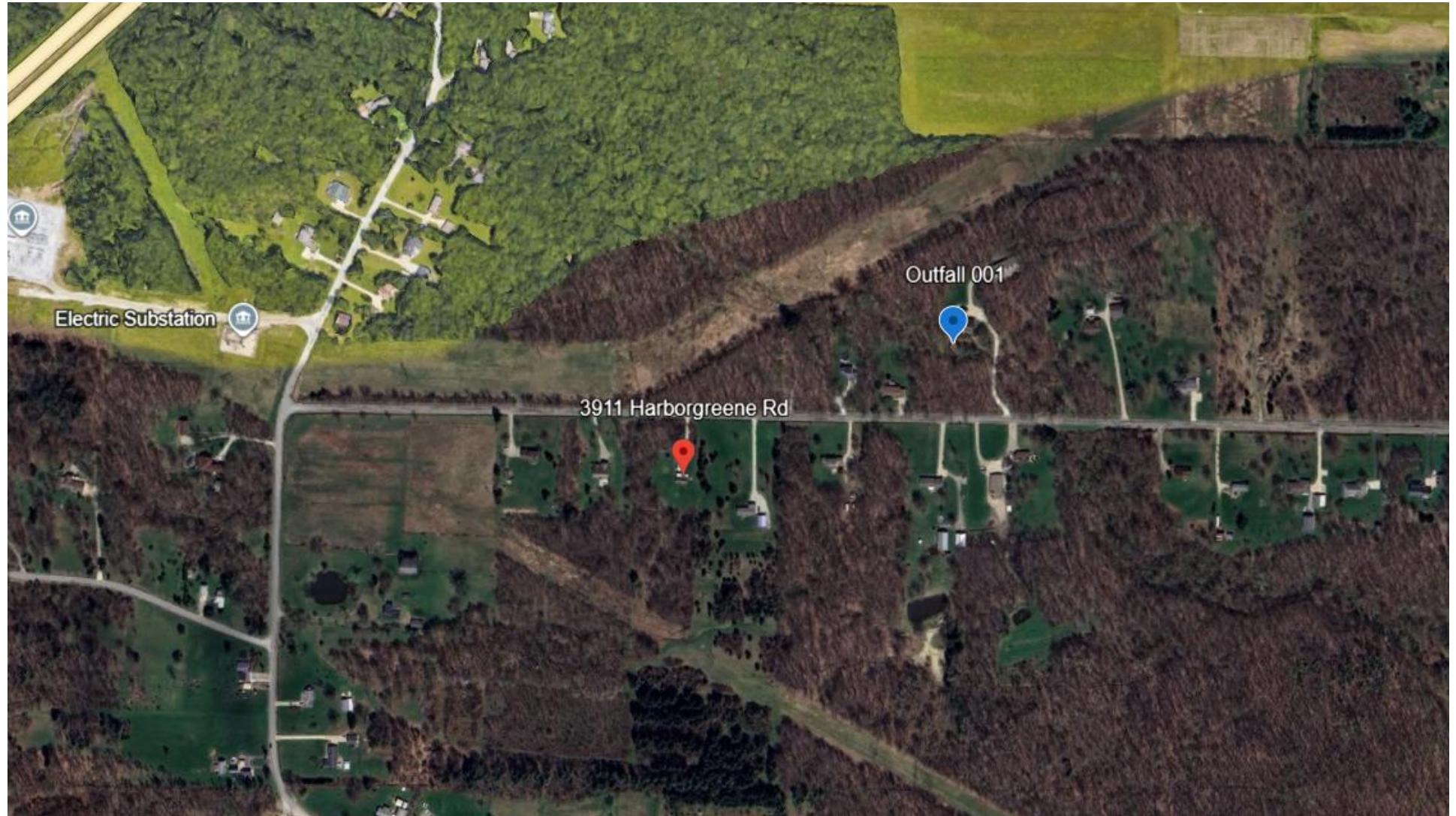
Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (GPD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	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 Coliforms are technology- based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

Attachment 1
eMAP– Receiving Streams Information

Attachment 2
Google Earth - Imagery



Attachment 3
StreamStats Report

StreamStats Report

Region ID:

Workspace ID:

Clicked Point (Latitude, Longitude):

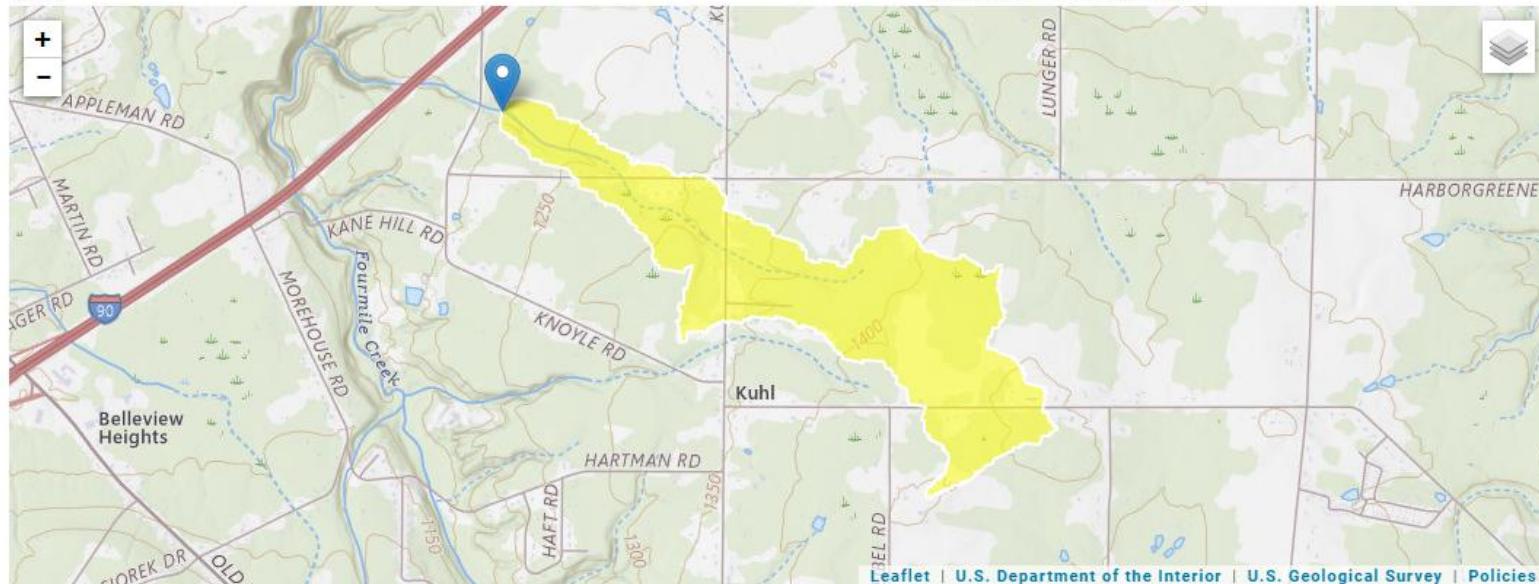
Time:

PA

PA20251016155216915000

42.10475, -79.97738

2025-10-16 11:52:38 -0400



Collapse All

► Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.53	square miles
ELEV	Mean Basin Elevation	1368	feet
PRECIP	Mean Annual Precipitation	45	inches