

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 <u>Jacob Straw &amp; Lydia Rose</u>	Facility Name <u>Jacob Straw &amp; Lydia Rose SRSTP</u>
Applicant Address <u>3911 Harborsgreene Road</u> <u>Erie, PA 16510-4955</u>	Facility Address <u>3911 Harborsgreene Road</u> <u>Erie, PA 16510-4955</u>
Applicant Contact <u>Jacob Straw</u>	Facility Contact _____
Applicant Phone <u>(724) 456-2900</u>	Facility Phone _____
Client ID <u>372381</u>	Site ID <u>250767</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>September 29, 2025</u>	WQM Required <u>Previously issued -2589409</u>
Date Application Accepted <u>October 16, 2025</u>	WQM App. No. _____
Project Description <u>Renewal for a Single Residence Sewage Treatment Plant</u>	

### 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 and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0005</u>
Latitude	<u>42° 6' 11.96"</u>	Longitude	<u>-79° 58' 29.63"</u>
Quad Name	<u>Hammett</u>	Quad Code	<u>42079A8</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Fourmile Creek (WWF, MF)</u>	Stream Code	<u>62398</u>
NHD Com ID	<u>123923484</u>	RMI	<u>0.8100</u>
Drainage Area	<u>0.53</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.039</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.021</u>	Q <sub>7-10</sub> Basis	<u>USGS StreamStats</u>
Elevation (ft)	<u>1256</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>WWF, MF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7</u>	Default	<u></u>
Temperature (°F)	<u>25</u>	Default - WWF	<u></u>
Hardness (mg/L)	<u>100</u>	Default	<u></u>
Other:	<u>-</u>		<u>-</u>
Nearest Downstream Public Water Supply Intake	<u>Lake Erie (Chestnut and West)</u>		
PWS Waters	<u>Erie Water Works</u>	Flow at Intake (cfs)	<u>-</u>
PWS RMI	<u>-</u>	Distance from Outfall (mi)	<u>&gt;5miles</u>

Changes Since Last Permit Issuance: Elevation was revised using Google Earth. Drainage Area and Q<sub>7-10</sub> 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.

Discharge and Stream Data – 2 - Receiving Waters and PWS

**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.

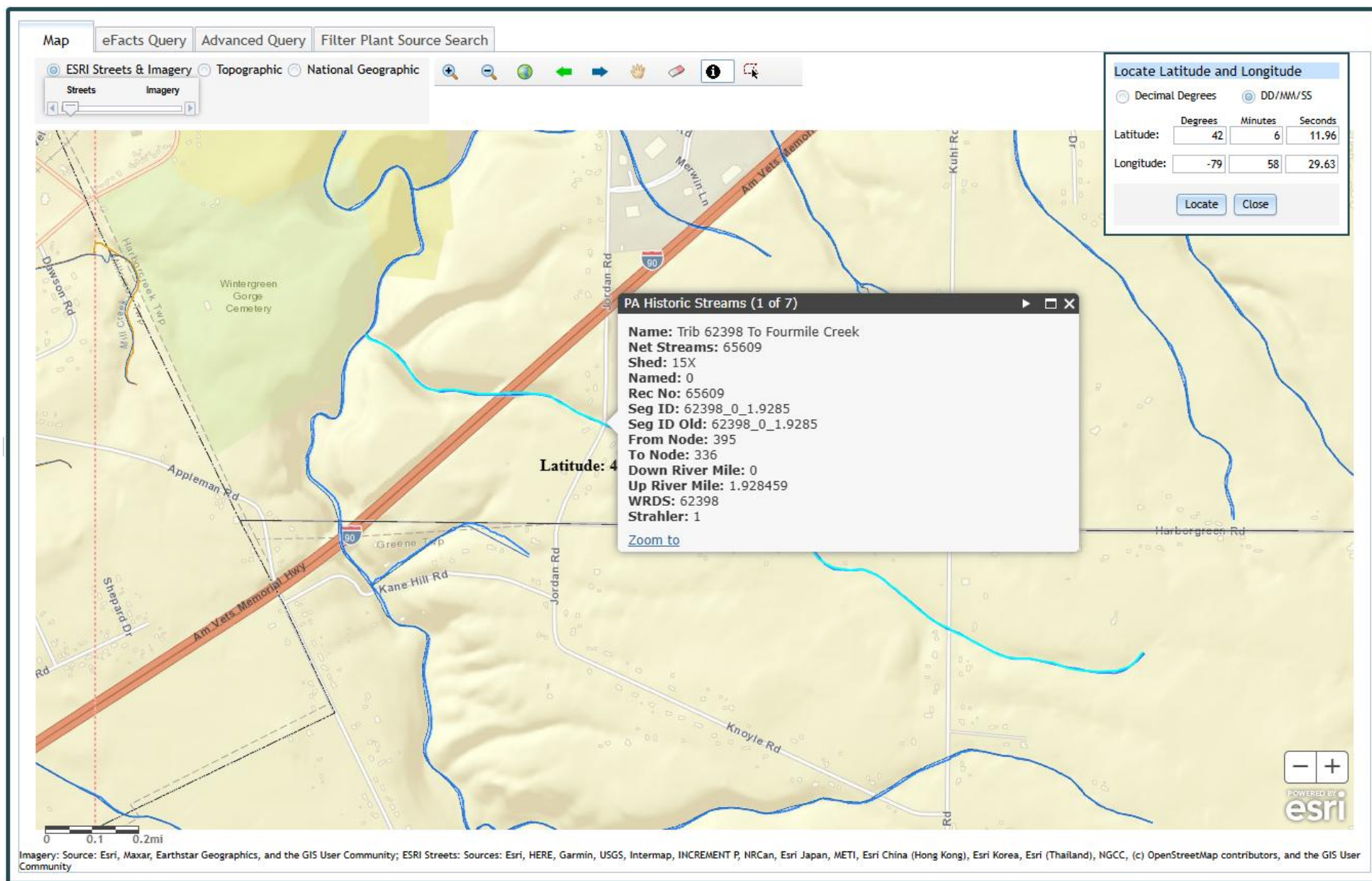
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

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 (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.

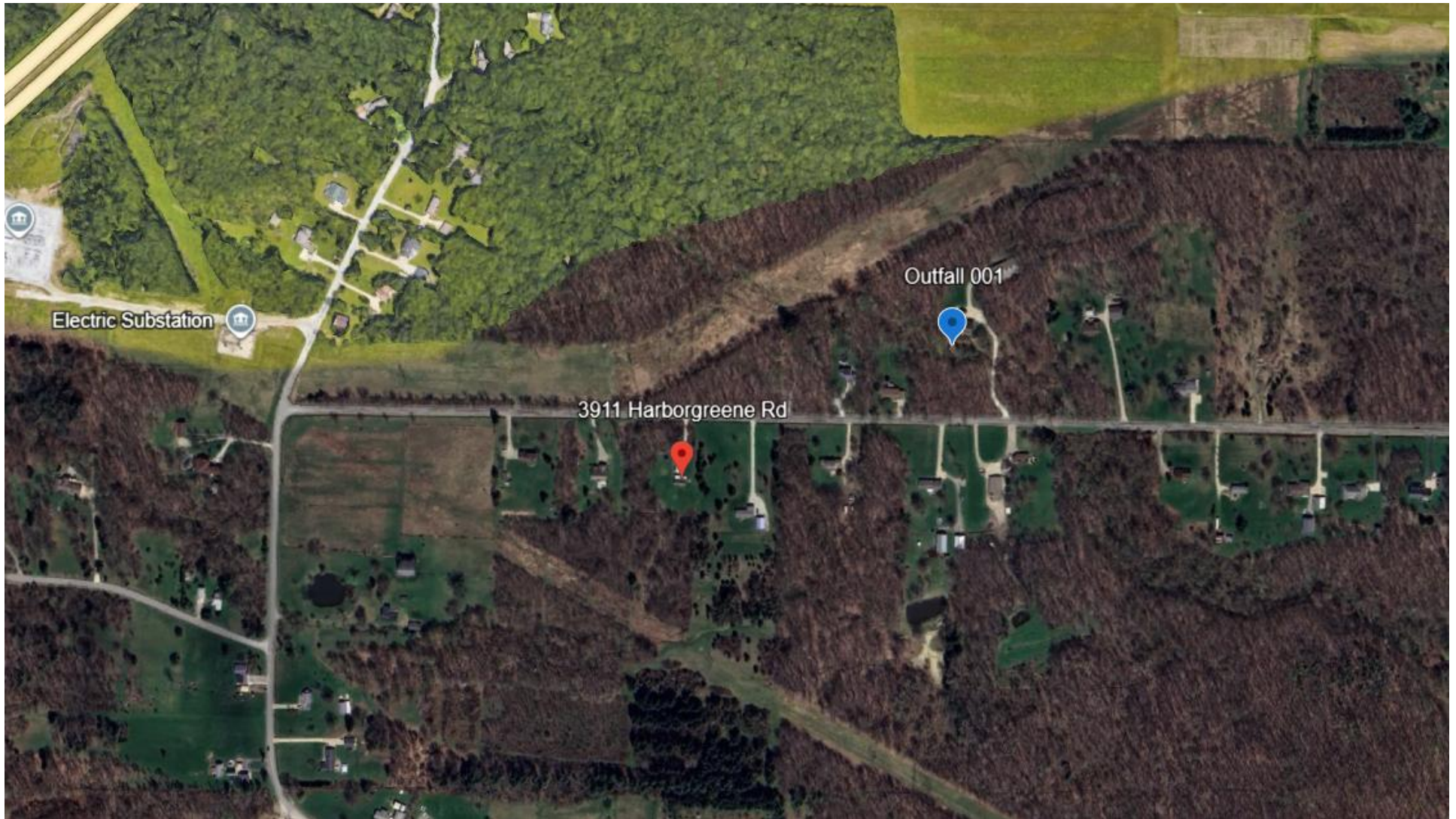
Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD5, Total Suspended Solids, and Fecal Coliforms are technology- based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

Attachment 1  
eMAP– Receiving Streams Information





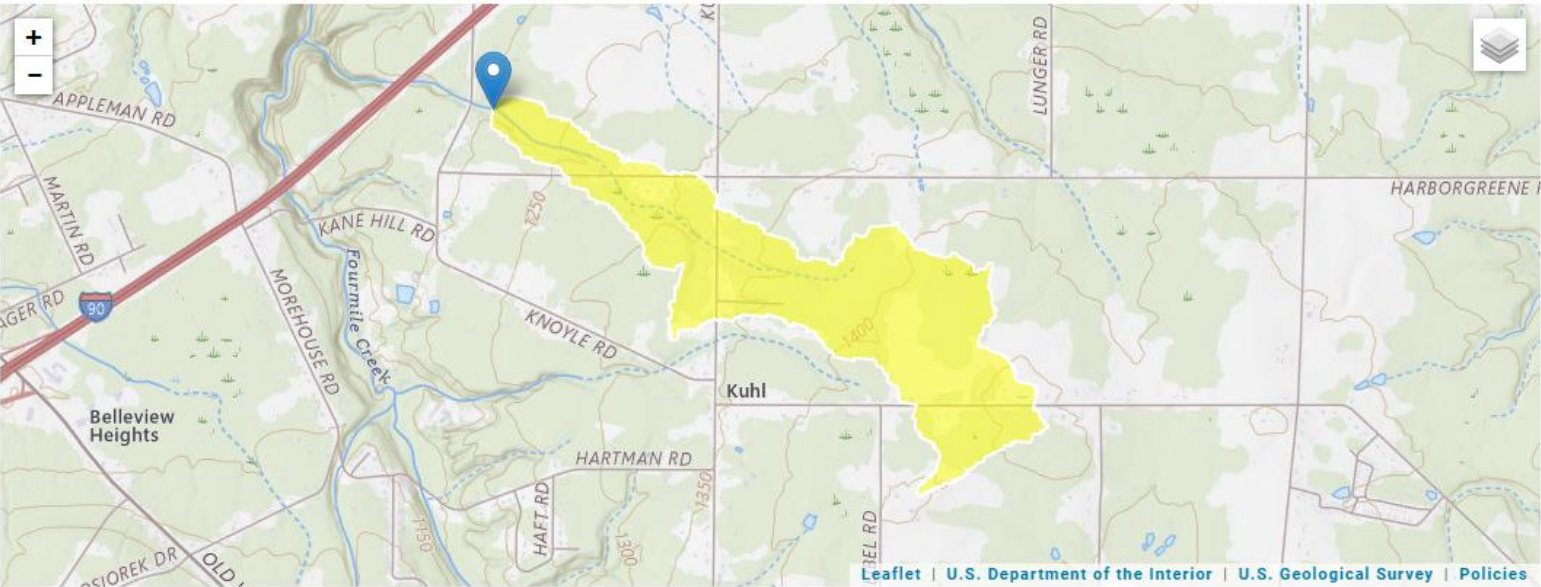
Attachment 2  
Google Earth - Imagery



Attachment 3  
StreamStats Report

StreamStats Report

Region ID: PA  
Workspace ID: PA20251016155216915000  
Clicked Point (Latitude, Longitude): 42.10475, -79.97738  
Time: 2025-10-16 11:52:38 -0400



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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