

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0289744  
APS ID 1153515  
Authorization ID 1554370

**Applicant, Facility and Project Information**

Applicant Name	<u>Beatrice &amp; William Smith</u>	Facility Name	<u>Beatrice &amp; William Smith SRSTP</u>
Applicant Address	<u>13802 W Cherry Hill Road</u> <u>Albion, PA 16401</u>	Facility Address	<u>13802 W Cherry Hill Road</u> <u>Albion, PA 16401</u>
Applicant Contact	<u>William Smith</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 969-9252</u>	Facility Phone	<u></u>
Client ID	<u>364203</u>	Site ID	<u>848666</u>
SIC Code	<u>8800</u>	Municipality	<u>Conneaut Township</u>
SIC Description	<u>Private Households</u>	County	<u>Erie</u>
Date Application Received	<u>January 7, 2026</u>	WQM Required	<u>Previously issued - 2521422</u>
Date Application Accepted	<u>January 15, 2026</u>	WQM App. No.	<u></u>
Project Description	<u>Renewal for a Single residence sewage treatment plant.</u>		

**Summary of Review**

The permittee is applying for reissuance of Individual Permit **PA0289744** that will expire on November 30, 2026. This is a discharge into stream channel - Trib 63394 To Conneaut Creek. The average daily flow is projected to be 400 GPD.

The existing facility consists of (WQM Permit No. 2521422): A 1,000-gallon dual compartment septic tank with an effluent filter followed by a Premier Tech EC7 Coco Filter unit and an ultraviolet (UV) disinfection unit.

Act 14 notifications were submitted and received.

AMR was submitted.

There are no open violations in WMS for the subject Client ID (364203) as of January 15, 2026.

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	January 15, 2026
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	January 16, 2026

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>.0004</u>
Latitude	<u>41° 54' 30.82"</u>	Longitude	<u>-80° 28' 49.58"</u>
Quad Name	<u>East Springfield</u>	Quad Code	<u>41080H4</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Conneaut Creek (CWF, MF)</u>	Stream Code	<u>63394</u>
NHD Com ID	<u>123922014</u>	RMI	<u>0.6400</u>
Drainage Area	<u>0.04</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.0165</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.000659</u>	Q <sub>7-10</sub> Basis	<u>USGS StreamStats</u>
Elevation (ft)	<u>894</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>CWF, 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 - CWF	<u></u>
Temperature (°F)	<u>20</u>	Default	<u></u>
Hardness (mg/L)	<u>100</u>	Default	<u></u>
Other:	<u>-</u>		<u>-</u>
Nearest Downstream Public Water Supply Intake	<u>Ohio State Border</u>		
PWS Waters	<u>N/A</u>	Flow at Intake (cfs)	<u>N/A</u>
PWS RMI	<u>N/A</u>	Distance from Outfall (mi)	<u>2.68</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 a Coco Filter unit.

**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.

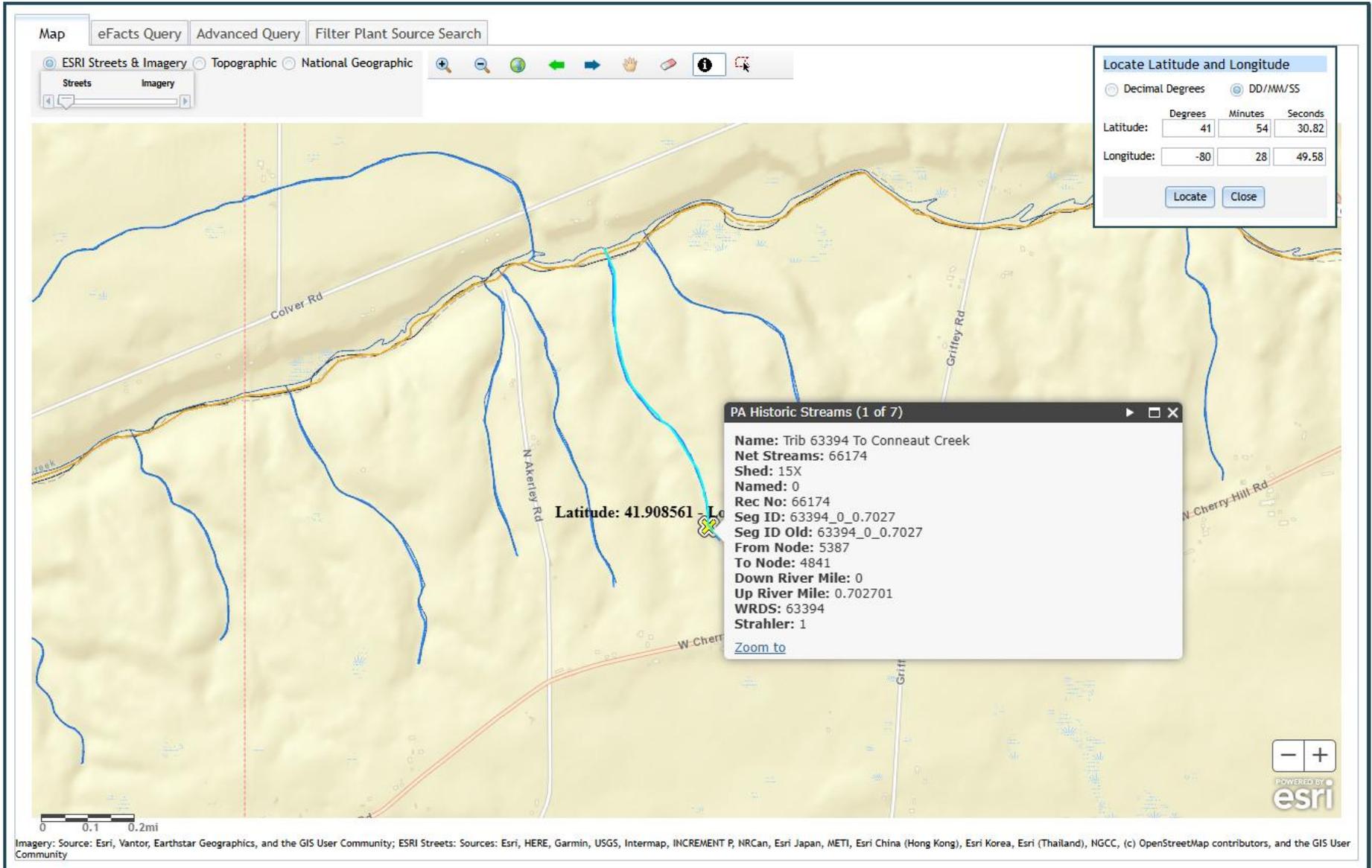
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

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

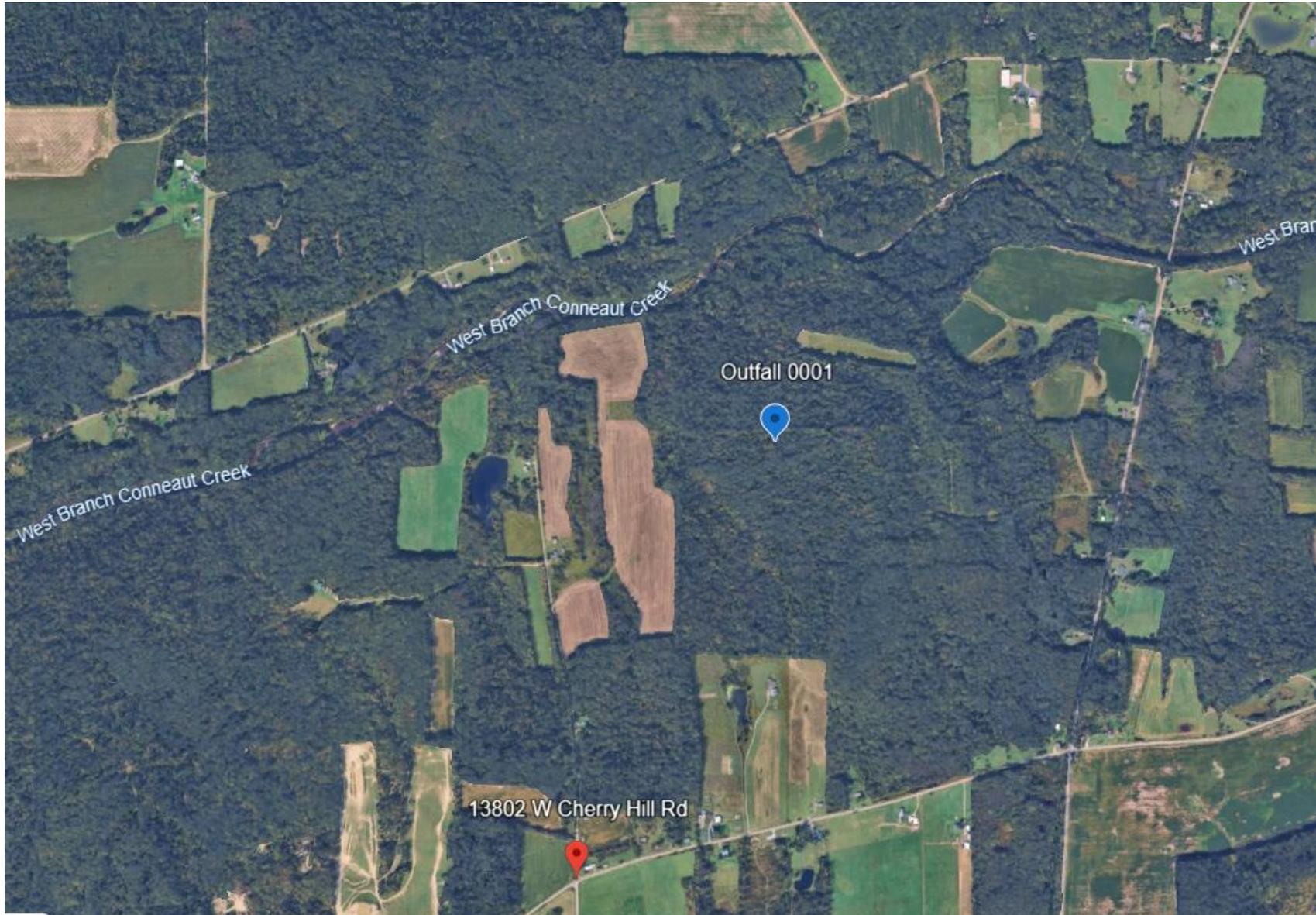
Compliance Sampling Location: Outfall 001, after disinfection.

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 – Location Map



Attachment 2  
Google Earth Imagery



**Attachment 3  
 StreamStats**

StreamStats Report

Region ID:

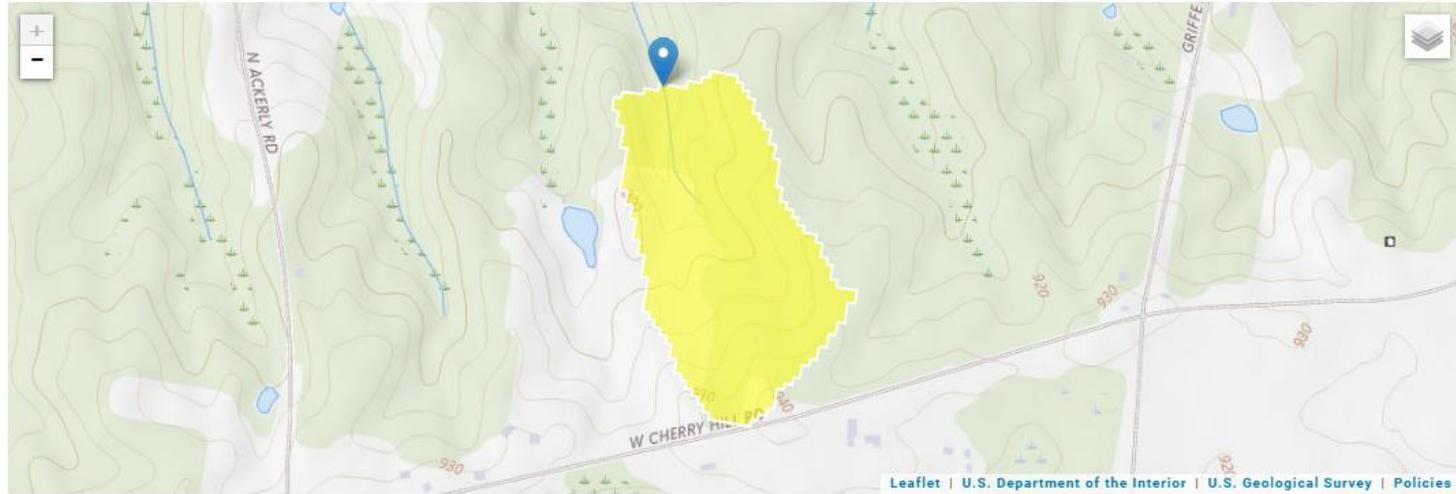
PA

Clicked Point (Latitude, Longitude):

41.90962, -80.48063

Time:

2026-01-15 09:15:30 -0500



StreamStats Update

Starting with version 4.30.0, the StreamStats application uses services that were redeveloped with open-source software components. Users may observe minor variations in computed results when compared to those from previous versions. These differences are expected and do not reflect errors in the underlying data or analytical methods. Users are advised to consider these potential variations when interpreting or comparing results generated across different versions of StreamStats. Please email [streamstats@usgs.gov](mailto:streamstats@usgs.gov) with any questions or concerns. A full list of changes can be found at <https://www.usgs.gov/streamstats/news/streamstats-data-updates-open-source-code-release>.

⊕ Collapse All

➤ Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.04	square miles
ELEV	Mean Basin Elevation	906.7	feet
PRECIP	Mean Annual Precipitation	41	inches