

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0288578  
APS ID 1149947  
Authorization ID 1548305

### Applicant, Facility and Project Information

Applicant Name <u>Steven Mcneil</u>	Facility Name <u>Steven Mcneil SRSTP</u>
Applicant Address <u>2093 Maplevale Road</u> <u>Brookville, PA 15825-4823</u>	Facility Address <u>1295 Slalom Run Road</u> <u>Clarion, PA 16214</u>
Applicant Contact <u>Steven Mcneil</u>	Facility Contact _____
Applicant Phone <u>(814) 715-9078</u>	Facility Phone _____
Client ID <u>357403</u>	Site ID <u>823680</u>
SIC Code <u>8800</u>	Municipality <u>Clarion Township</u>
SIC Description <u>Private Households</u>	County <u>Clarion</u>
Date Application Received <u>November 3, 2025</u>	WQM Required <u>Previously issued - 1620204</u>
Date Application Accepted <u>December 2, 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 **PA0288578** which expired on October 31, 2025. This is a discharge into stream channel - Trib 49701 To Clarion River. The average daily flow is projected to be 400 GPD.

The existing facility consists of (WQM Permit No. 4219401): A 1,000-gallon dual compartment concrete septic tank, a Premier Tech EC7-500-C-P Coco Filter with an integrated pump and DiUV disinfection unit, and a 500-gallon pump tank pumping the effluent to a proposed manhole.

Act 14 notifications were submitted and received.

AMRs have not been received.

There is only 1 open violation in WMS for the subject Client ID (357403) as of December 2, 2025. Violation - NPDES - Failure to submit an individual permit application at least 180 days prior to commencing a discharge

#### 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	December 2, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	December 19, 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	41° 12' 54.95"	Longitude	-79° 20' 42.76"
Quad Name	Strattanville	Quad Code	41079B3
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Clarion River (CWF)	Stream Code	49701
NHD Com ID	102670293	RMI	0.0900
Drainage Area	0.48	Yield (cfs/mi²)	0.0414
Q <sub>7-10</sub> Flow (cfs)	0.0199	Q <sub>7-10</sub> Basis	StreamStats
Elevation (ft)	1230	Slope (ft/ft)	-
Watershed No.	17-B	Chapter 93 Class.	CWF
Existing Use		Existing Use Qualifier	
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Impaired		
Cause(s) of Impairment	METALS, PH		
Source(s) of Impairment	ACID MINE DRAINAGE, ACID MINE DRAINAGE		
TMDL Status		Name	
Background/Ambient Data		Data Source	
pH (SU)	7	Default - CWF	
Temperature (°F)	20	Default	
Hardness (mg/L)	100	Default	
Other:	-	-	
Nearest Downstream Public Water Supply Intake	PA American Water Co. - Clarion		
PWS Waters	Clarion River	Flow at Intake (cfs)	90.7
PWS RMI	33.3	Distance from Outfall (mi)	2.16

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 Premier Tech EC7-500-C-P Coco filter.

**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.

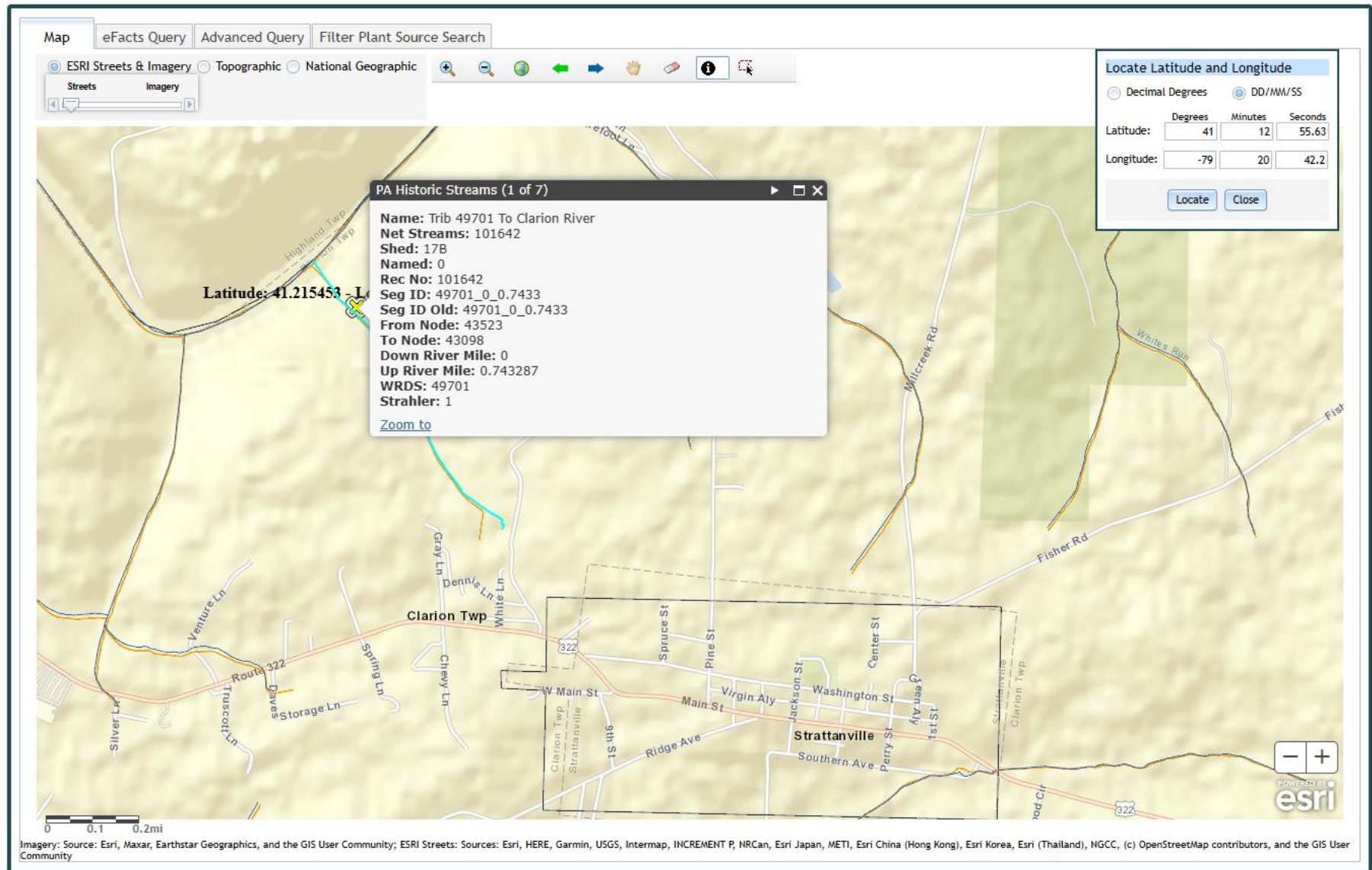
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

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 pH are technology-based on Chapter 93.7. The limits for BOD5, Total Suspended Solids, and Fecal Coliforms are technology-based on Chapter 92a.47

Attachment 1  
eMap – Location Map





Attachment 2  
Google Earth Imagery



## Attachment 3 StreamStats Report

## StreamStats Report

Region ID:

**Workspace ID:**

**Clicked Point (Latitude, Longitude):**

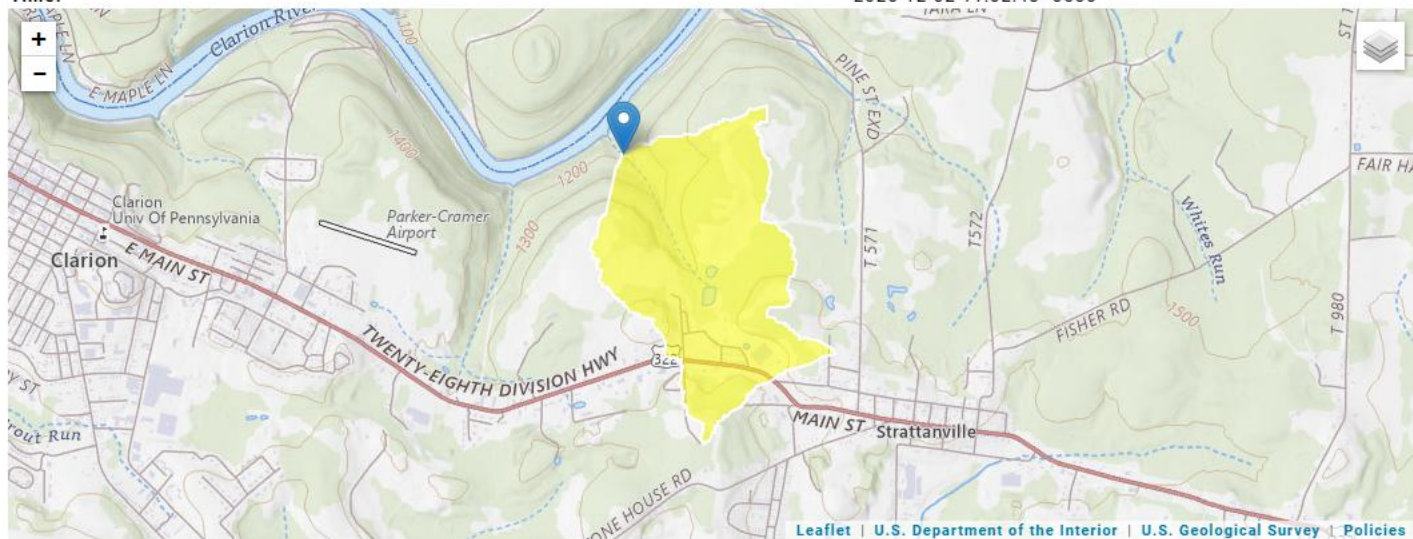
Time:

PA

PA20251202160217602000

41.21534, -79.34532

2025-12-02 11:02:43 -0500



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### ➤ Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.48	square miles
ELEV	Mean Basin Elevation	1461	feet
PRECIP	Mean Annual Precipitation	45	inches

➤ Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 3]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.48	square miles	2.33	1720
ELEV	Mean Basin Elevation	1461	feet	898	2700
PRECIP	Mean Annual Precipitation	45	inches	38.7	47.9

Low-Flow Statistics Disclaimers [Low Flow Region 3]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors.

Low-Flow Statistics Flow Report [Low Flow Region 3]

Statistic	Value	Unit
7 Day 2 Year Low Flow	0.0503	ft <sup>3</sup> /s
30 Day 2 Year Low Flow	0.0771	ft <sup>3</sup> /s
7 Day 10 Year Low Flow	0.0199	ft <sup>3</sup> /s
30 Day 10 Year Low Flow	0.0296	ft <sup>3</sup> /s
90 Day 10 Year Low Flow	0.0446	ft <sup>3</sup> /s

Low-Flow Statistics Citations

[Stuckey, M.H., 2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p.](#)