



Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0263541  
APS ID 1125396  
Authorization ID 1505896

**Applicant, Facility and Project Information**

Applicant Name	<u>Thomas Young</u>	Facility Name	<u>Thomas Young SRSTP</u>
Applicant Address	209 Center Drive	Facility Address	209 Center Drive
	Chicora, PA 16025-3705		Chicora, PA 16025-3705
Applicant Contact	<u>Thomas Young</u>	Facility Contact	<u>Thomas Young</u>
Applicant Phone	<u>(724) 287-5948</u>	Facility Phone	<u>(724) 287-5948</u>
Applicant Email	<u>tomjoeyoung@gmail.com</u>		
Client ID	<u>272617</u>	Site ID	<u>706083</u>
SIC Code	<u>8811</u>	Municipality	<u>Oakland Township</u>
SIC Description	<u>Services - Private Households</u>	County	<u>Butler</u>
Date Application Received	<u>November 7, 2024</u>	WQM Required	<u>No – Issued Previously</u>
Date Application Accepted	<u>November 18, 2024</u>	WQM App. No.	<u>---</u>
Project Description	<u>Renewal NPDES Permit for a Single Residence Sewage Treatment Plant</u>		

**Summary of Review**

This is a renewal application for a NPDES Permit for an SRSTP consists of (WQM Permit No. WQG018695): A 1,000-gallon septic tank with an effluent filter, a 500-gallon dosing tank, a 324 square foot recirculating subsurface sand filter (RSSF), and Ultraviolet (UV) light disinfection.

Act 14 – Proof of Notification was submitted and received.

**SPECIAL CONDITIONS:** NONE

The EPA waiver is in effect.

There are NO open violations in WMS for the subject Client ID (272617) as of November 18, 2024.

**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		Aeshah Shameseldin Aeshah Shameseldin / Civil Engineer	November 18, 2024
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	November 19, 2024

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information		
Outfall No.	001	
Latitude	40° 54' 57.89"	
Quad Name	East Butler	
Wastewater Description:	Sewage Effluent	
Receiving Waters	Unnamed Tributary to Thorn Creek (HQ-WWF)	
NHD Com ID	126217886	
Drainage Area		
Q <sub>7-10</sub> Flow (cfs)	0	
Elevation (ft)	1252	
Watershed No.	20-C	
Existing Use	---	
Exceptions to Use	---	
Assessment Status	Attaining Use(s)	
Cause(s) of Impairment	---	
Source(s) of Impairment	---	
TMDL Status	---	
Background/Ambient Data	Data Source	
pH (SU)	7.0 Default	
Temperature (°F)	77 Default	
Hardness (mg/L)	100 Default	
Other:		
Nearest Downstream Public Water Supply Intake	Beaver Falls Municipal Authority - Eastvale	
PWS Waters	Beaver River	
PWS RMI	5.0	
Flow at Intake (cfs)	---	
Distance from Outfall (mi)	---	

Changes Since Last Permit Issuance: ---

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 discharge into a High-Quality Watershed.

This is an existing and previously approved discharge to a High-Quality watershed. No expansion or changes to effluent quantity or quality are proposed. Therefore, no additional anti-degradation review should be required.

**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.

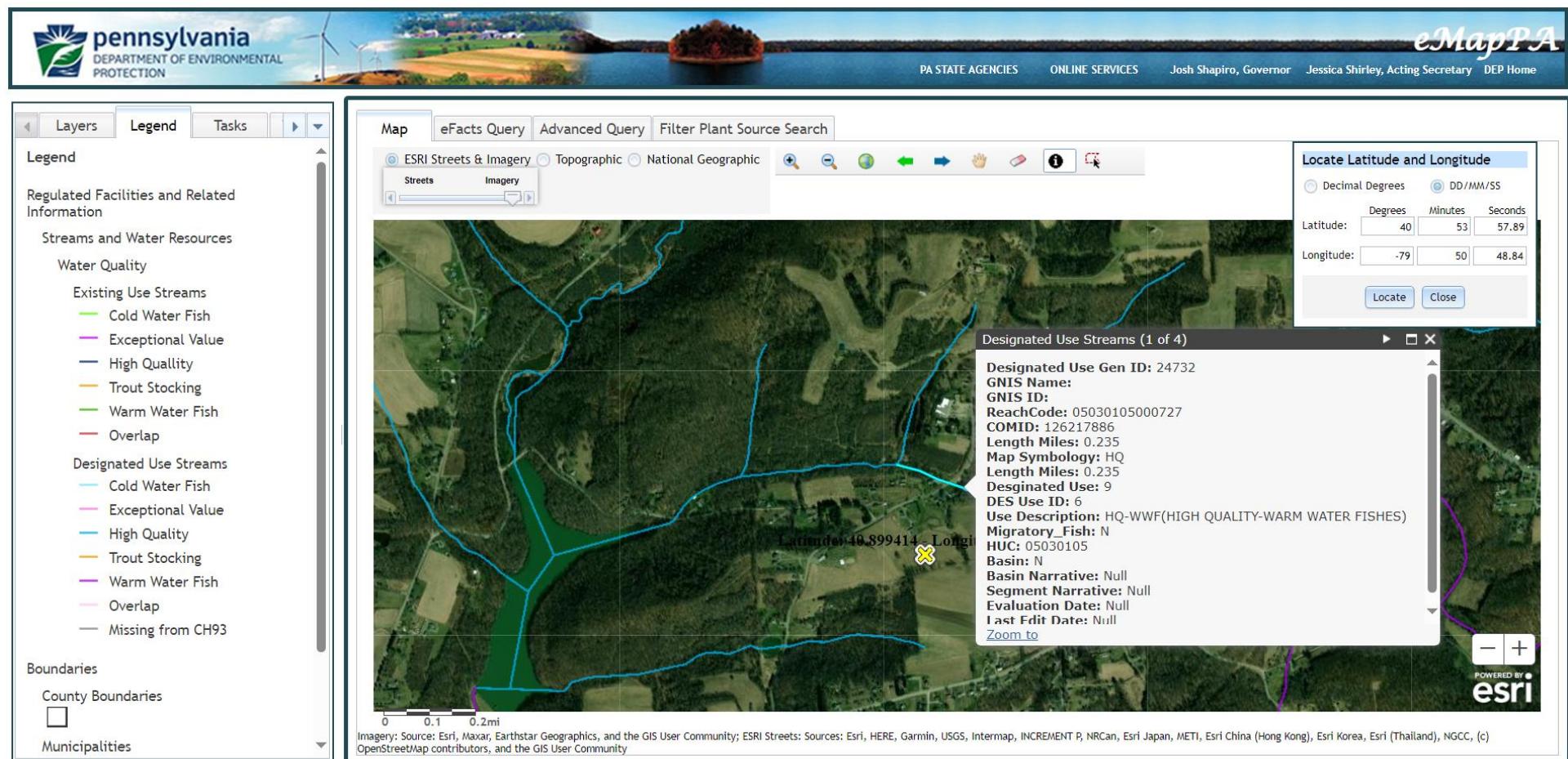
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

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	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 CBOD5, Total Suspended Solids are BPJ-based on the Department's "Small Flow Treatment Facilities Manual." Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7 and the monitoring frequency has been established as "1/month" due to special protection watershed designation (High Quality – HQ). The TRC limitations from the previous permit are imposed pursuant to EPA's anti-backsliding regulation, 40 CFR 122.44(1).

## Outfall Location - eMap with Aerial Imagery



### Drainage Area Location – StreamStats with Aerial Imagery

#### StreamStats Report

Region ID:

PA

Workspace ID:

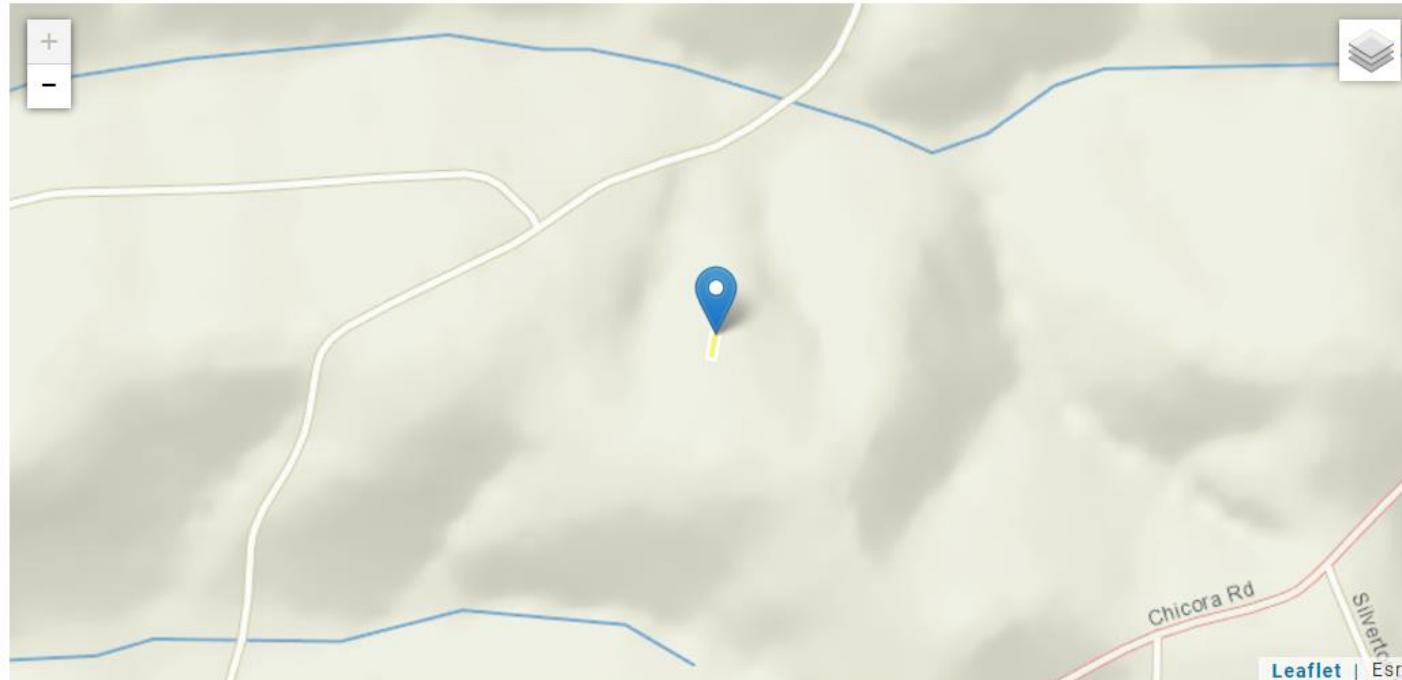
PA20241118202000582000

Clicked Point (Latitude, Longitude):

40.89945, -79.84679

Time:

2024-11-18 15:20:29 -0500



[Collapse All](#)

#### » Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.000116	square miles