

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0289132  
APS ID 1152519  
Authorization ID 1552630

**Applicant, Facility and Project Information**

Applicant Name	<u>Jeffrey E Hale</u>	Facility Name	<u>Jeffrey E Hale SRSTP</u>
Applicant Address	<u>2755 W Washington Street</u> <u>Bradford, PA 16701-2423</u>	Facility Address	<u>2755 W Washington Street</u> <u>Bradford, PA 16701-2423</u>
Applicant Contact	<u>Jeffrey Hale</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 368-3336</u>	Facility Phone	<u></u>
Applicant Email	<u>jehale62@gmail.com</u>		
Client ID	<u>226887</u>	Site ID	<u>845453</u>
SIC Code	<u>8800</u>	Municipality	<u>Corydon Township</u>
SIC Description	<u>Private Households</u>	County	<u>McKean</u>
Date Application Received	<u>December 18, 2025</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>January 2, 2026</u>	WQM App. No.	<u>---</u>
Project Description	<u>NPDES Permit Renewal Application for a Single Residence Sewage Treatment Plant</u>		

**Summary of Review**

This is a NPDES Permit renewal application for an SRSTP consists of (WQM Permit No. 4221401): A 1,000-gallon dual chambered concrete septic tank with effluent filter and alarm followed by a Premier Tech EC7 Coco Filter unit with an integrated UV unit.

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 the Premier Tech EC7 Coco filter unit.

There are no AMRs available on file.

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 (226887) as of January 2, 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		Aeshah Shameseldin Aeshah Shameseldin / Project Manager	January 2, 2026
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	January 29, 2026

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>41° 57' 51.86"</u>	Longitude	<u>-78° 49' 48.27"</u>
Quad Name	<u>Stickney</u>	Quad Code	<u>41078H7</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Willow Creek (HQ-CWF)</u>	Stream Code	<u>56875</u>
NHD Com ID	<u>112366729</u>	RMI	<u>7.19</u>
Drainage Area	<u>8.96</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.067</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.60</u>	Q <sub>7-10</sub> Basis	<u>Calculated</u>
Elevation (ft)	<u>1610</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>16-B</u>	Chapter 93 Class.	<u>HQ-CWF</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>7.0</u>	Default	<u>---</u>
Temperature (°F)	<u>68</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>Aqua Pennsylvania, Inc. - Emlenton</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>---</u>
PWS RMI	<u>90.0</u>	Distance from Outfall (mi)	<u>---</u>

**Changes Since Last Permit Issuance:** None.

**Other Comments:** In accordance with the SOP, no water quality modeling was performed since this is an SRSTP.

**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
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 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).

Outfall Location & Receiving Stream – eMap with Aerial Imagery

The screenshot displays the Pennsylvania eMapPA web application interface. At the top, the Pennsylvania Department of Environmental Protection logo is on the left, and navigation links for PA State Agencies, Online Services, and state officials are on the right. The main interface includes a legend on the left, a map area in the center, and a 'Locate Latitude and Longitude' panel on the right. A popup window titled 'Designated Use Streams (1 of 3)' is open over a stream on the map, displaying detailed metadata for a specific stream segment.

**Legend**

- Regulated Facilities and Related Information
- Streams and Water Resources
  - Water Quality
    - Existing Use Streams
      - Cold Water Fish
      - Exceptional Value
      - High Quality
      - Trout Stocking
      - Warm Water Fish
      - Overlap
    - Designated Use Streams
      - Cold Water Fish
      - Exceptional Value
      - High Quality
      - Trout Stocking
      - Warm Water Fish
      - Overlap
      - Missing from CH93
  - Boundaries
    - County Boundaries
    - Municipalities

**Map** | eFacts Query | Advanced Query | Filter Plant Source Search

Map Style:  ESRI Streets & Imagery |  Topographic |  National Geographic

Map Tools:

**Locate Latitude and Longitude**

Decimal Degrees |  DD/MM/SS

Latitude: Degrees: 41 | Minutes: 57 | Seconds: 51.86  
 Longitude: -78 | 49 | 48.27

**Designated Use Streams (1 of 3)**

Designated Use Gen ID: 14906  
 GNIS Name: Willow Creek  
 GNIS ID: 01210122  
 ReachCode: 05010001002126  
 COMID: 112366729  
 Length Miles: 0.705  
 Map Symbology: HQ  
 Length Miles: 0.705  
 Designated Use: 5  
 DES Use ID: 4  
 Use Description: HQ-CWF(HIGH QUALITY-COLD WATER FISHES)  
 Migratory\_Fish: N  
 HUC: 05010001  
 Basin: N  
 Basin Narrative: Null  
 Segment Narrative: Null  
 Evaluation Date: Null  
 Last Edit Date: 2/6/2007 2:07:07 PM  
[Zoom to](#)

Imagery: Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community; ESRI Streets: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

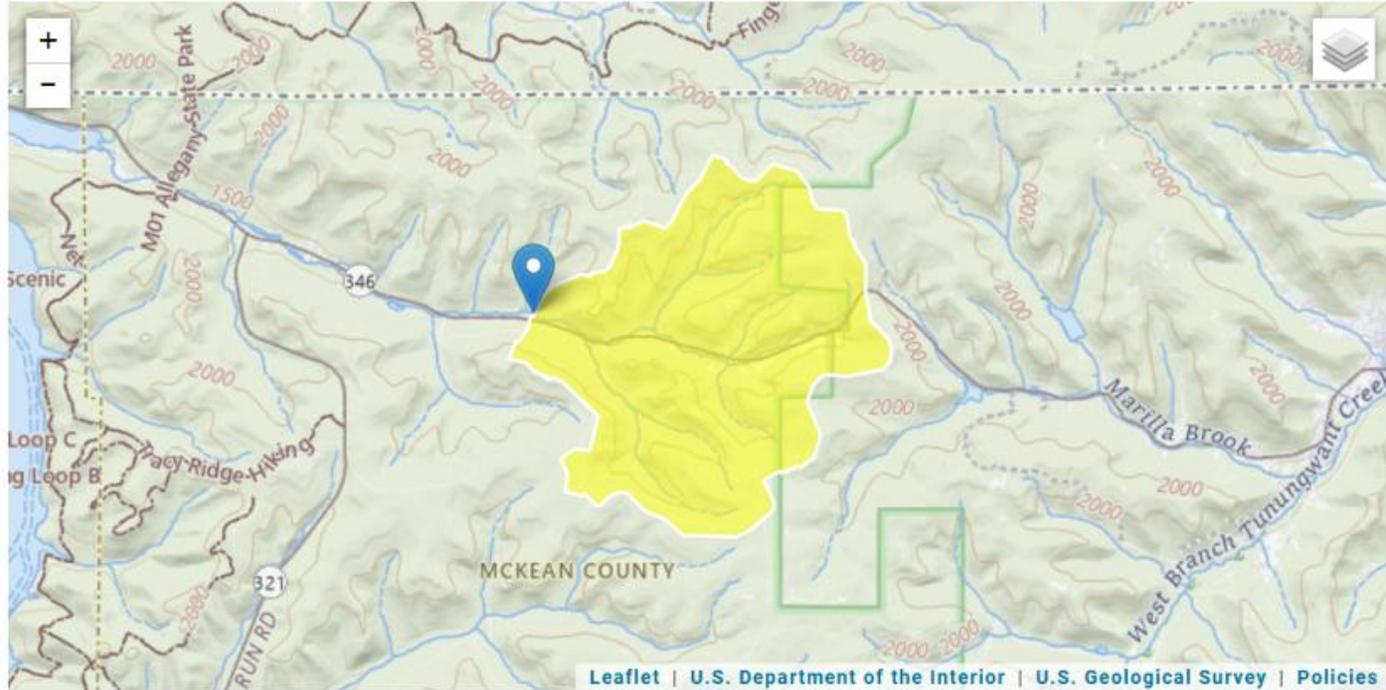
Outfall Location – Google Maps with Aerial Imagery



Drainage Area Location – StreamStats with Aerial Imagery

### StreamStats Report

Region ID: PA  
Clicked Point (Latitude, Longitude): 41.96536, -78.82946  
Time: 2026-01-02 15:34:28 -0500



⊕ Collapse All

➤ Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	8.96	square miles