

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0265349  
APS ID 1101094  
Authorization ID 1462108

**Applicant, Facility and Project Information**

Applicant Name	<u>Douglas Aloï</u>	Facility Name	<u>Douglas Aloï SRSTP</u>
Applicant Address	<u>1318 South Avenue</u> <u>Bradford, PA 16701-3839</u>	Facility Address	<u>1318 S Avenue</u> <u>Bradford, PA 16701</u>
Applicant Contact	<u>Douglas Aloï</u>	Facility Contact	<u></u>
Applicant Phone	<u>(716) 640-0749</u>	Facility Phone	<u></u>
Applicant Email	<u>aloidouglas@gmail.com</u>		
Client ID	<u>381046</u>	Site ID	<u>824010</u>
SIC Code	<u>8800</u>	Municipality	<u>Bradford Township</u>
SIC Description	<u>Private Households</u>	County	<u>McKean</u>
Date Application Received	<u>October 26, 2023</u>	WQM Required	<u>Yes – Transfer Pending</u> <u>4217405 T-1 will be transferred</u> <u>concurrently</u>
Date Application Accepted	<u>December 15, 2023</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 and Transfer NPDES Permit Application for an SRSTP consists of: A Jet J-500 aerobic unit and a Salcor 3G UV unit.

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 (381046) as of December 15, 2023 [CWY 12/18/2023](#)

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	December 15, 2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. / Environmental Engineer Manager	12/18/2023

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° 53' 3.67"</u>	Longitude	<u>-78° 39' 22.74"</u>
Quad Name	<u>Bradford</u>	Quad Code	<u>41078H6</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>UNT to East Branch Tunungwant Creek</u>	Stream Code	<u>Confluence with East Branch Tunungwant Creek 57031 is at 5.91 RMI</u>
NHD Com ID	<u>112369649</u>	RMI	<u>---</u>
Drainage Area	<u>---</u>	Yield (cfs/mi <sup>2</sup> )	<u>---</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0</u>	Q <sub>7-10</sub> Basis	<u>Dry Ditch</u>
Elevation (ft)	<u>1580</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>16-C</u>	Chapter 93 Class.	<u>High Quality Waters - Cold Water Fishes</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>68.0</u>	Default for CWF	<u>---</u>
Hardness (mg/L)	<u>100</u>	Default	<u>---</u>
Other:	<u>---</u>		<u>---</u>
Nearest Downstream Public Water Supply Intake	<u>---</u>		
PWS Waters	<u>---</u>	Flow at Intake (cfs)	<u>---</u>
PWS RMI	<u>---</u>	Distance from Outfall (mi)	<u>---</u>

Changes Since Last Permit Issuance: None.

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 Jet J-500 aerobic unit and the discharge into a High-Quality Watershed.

**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 - eMap with Aerial Imagery

The screenshot displays the Pennsylvania eMapPA web application interface. On the left is a legend panel with categories: Regulated Facilities and Related Information, Streams and Water Resources (Water Quality, Existing Use Streams, Designated Use Streams), and Boundaries (County Boundaries, Municipalities). The main map area shows aerial imagery with stream segments overlaid in various colors. A popup window titled 'Designated Use Streams (1 of 4)' is open over a specific stream segment, displaying the following metadata:

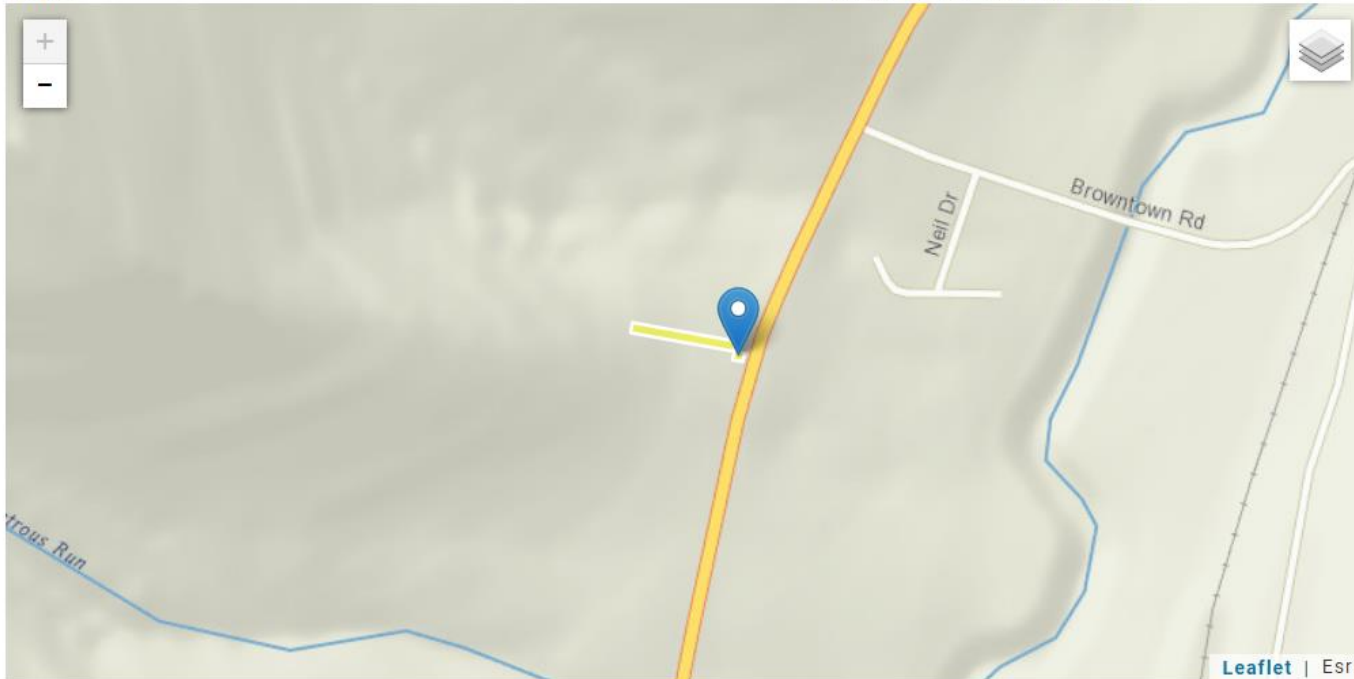
- Designated Use Gen ID: 21278
- GNIS Name: East Branch Tunungwant Creek
- GNIS ID: 01209584
- ReachCode: 05010001000064
- COMID: 112369649
- Length Miles: 0.513
- Map Symbology: HQ
- Length Miles: 0.513
- Designated Use: 5
- DES Use ID: 4
- Use Description: HQ-CWF(HIGH QUALITY-COLD WATER FISHES)
- Migratory\_Fish: N
- HUC: 05010001
- Basin: N
- Basin Narrative: Null
- Segment Narrative: Null
- Evaluation Date: Null
- Last Fdit Date: Null
- [Zoom to](#)

At the top right of the map area, there is a 'Locate Latitude and Longitude' panel with input fields for Degrees, Minutes, and Seconds for both Latitude (41, 53, 5.76) and Longitude (-78, 39, 35.88), along with 'Locate' and 'Close' buttons. The map interface includes navigation tools and a scale bar at the bottom.

**Drainage Area Location – StreamStats with Aerial Imagery**

StreamStats Report

Region ID: PA  
Workspace ID: PA20231215201926492000  
Clicked Point (Latitude, Longitude): 41.88495, -78.66000  
Time: 2023-12-15 15:19:50 -0500



+ Collapse All

> Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.000463	square miles