

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0210285  
APS ID 1104292  
Authorization ID 1468336

**Applicant, Facility and Project Information**

Applicant Name	<u>Benjamin Newton</u>	Facility Name	<u>Benjamin Newton SRSTP</u>
Applicant Address	<u>2415 Jackson Avenue</u> <u>Warren, PA 16365-4389</u>	Facility Address	<u>2415 Jackson Avenue</u> <u>Warren, PA 16365-4389</u>
Applicant Contact	<u>Benjamin Newton</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 316-5229</u>	Facility Phone	<u></u>
Applicant Email	<u>newt58@yahoo.com</u>		<u></u>
Client ID	<u>381981</u>	Site ID	<u>244646</u>
SIC Code	<u>1623</u>	Municipality	<u>Glade Township</u>
SIC Description	<u>Construction - Water, Sewer, And Utility Lines</u>	County	<u>Warren</u>
Date Application Received	<u>December 26, 2023</u>	WQM Required	<u>Yes – Transfer Pending</u> <u>6292401 T-3 Will be transferred</u> <u>concurrently</u>
Date Application Accepted	<u>February 8, 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: Gravity feed to a 1000-gallon buried tank which is separated into 3 compartments for solids removal. The supernatant from the solids tank then pass into varying layers of gravel from large to small before entering a pit with a tablet chlorine feeder. The chlorinated discharge then enters a 300-gallon contact chamber prior discharging to Outfall 001.

Act 14 – Proof of Notification was submitted and received.

This permit is also being transferred as part of this renewal. WQM Permit No. 6292401 T-3 will also be transferred concurrently with the final, renewed NPDES Permit.

SPECIAL CONDITIONS: NONE

The EPA waiver is in effect.

There are NO open violations in WMS for the subject Client ID (381981) as of February 8, 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	February 8, 2024
		Vacant / Environmental Engineer Manager	Okay to Draft JCD 3/11/2024

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° 51' 42"</u>	Longitude	<u>-79° 6' 58"</u>
Quad Name	<u>Clarendon</u>	Quad Code	<u>41079G1</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Glade Run (CWF)</u>	Stream Code	<u>56493</u>
NHD Com ID	<u>112373977</u>	RMI	<u>1.78</u>
Drainage Area	<u>0.29</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.1</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.029</u>	Q <sub>7-10</sub> Basis	<u>Default</u>
Elevation (ft)	<u>1593</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>16-B</u>	Chapter 93 Class.	<u>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: AMRs have not submitted.

**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
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
CBOD5	XXX	XXX	XXX	25.0	XXX	50	1/year	Grab
TSS	XXX	XXX	XXX	30.0	XXX	60	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: Existing permit limits will remain as it is not known if 10/10 mg/l for CBOD5/TSS can be achieved with the existing treatment.

### Outfall Location - eMap with Aerial Imagery

The screenshot shows the Pennsylvania eMapPA web application interface. The header includes the Pennsylvania Department of Environmental Protection logo and navigation links for PA State Agencies, Online Services, and state officials. The main map area displays aerial imagery with overlaid stream data. A purple line represents a designated use stream, and a yellow crosshair indicates a specific location with coordinates: Latitude: 41.867667, Longitude: -79.116111. A pop-up window titled "Designated Use Streams (1 of 3)" provides the following metadata:

- Designated Use Gen ID: 33209
- GNIS Name:
- GNIS ID:
- ReachCode: 05010001001062
- COMID: 112374617
- Length Miles: 2.14
- Map Symbology: CWF
- Length Miles: 2.14
- Designated Use: 1
- DES Use ID: 1
- Use Description: CWF(COLD WATER FISHES)
- Migratory\_Fish: N
- HUC: 05010001
- Basin: N
- Basin Narrative: Null
- Segment Narrative: Null
- Evaluation Date: Null
- [Zoom to](#)

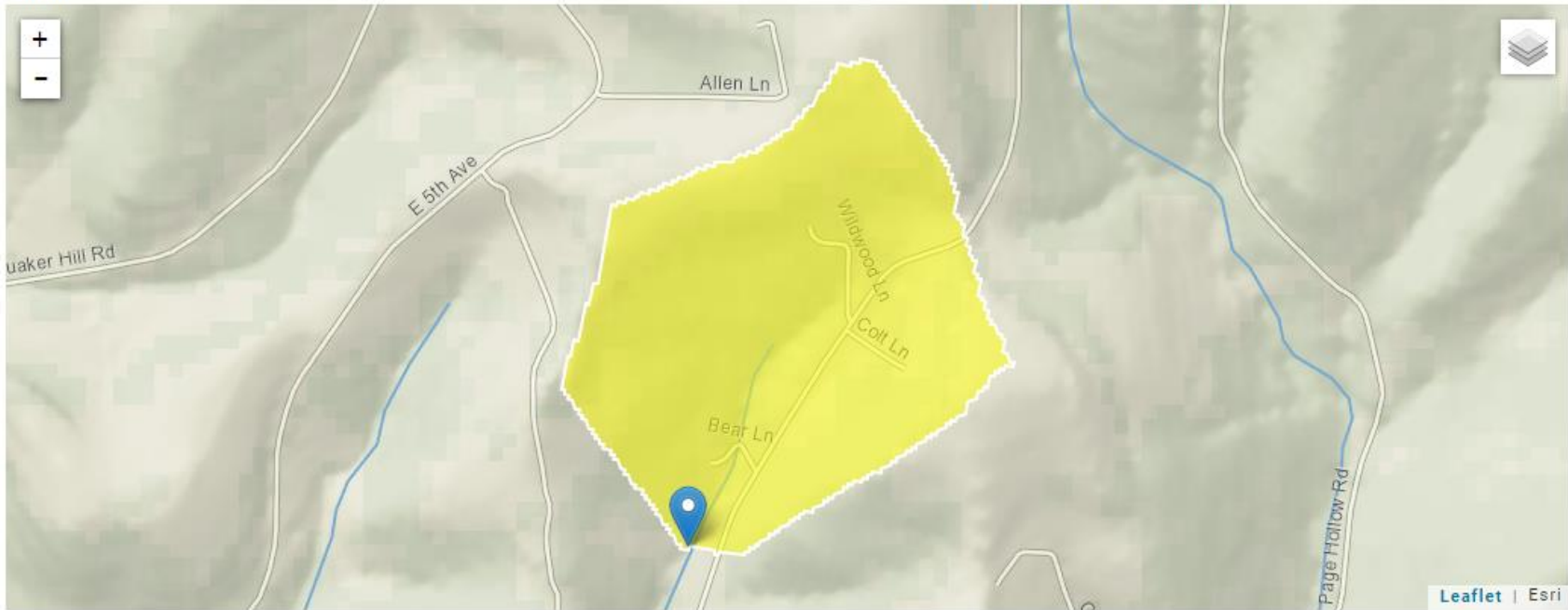
The interface also includes a legend on the left for regulated facilities and water quality, a "Locate Latitude and Longitude" tool on the right, and a scale bar at the bottom of the map. The map is powered by Esri.

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

StreamStats Report

Region ID:  
Workspace ID:  
Clicked Point (Latitude, Longitude):  
Time:

PA  
PA20240208192234471000  
41.86169, -79.11618  
2024-02-08 14:22:57 -0500



**+** Collapse All

**>** Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.29	square miles