

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0271730  
APS ID 1101903  
Authorization ID 1463623

**Applicant, Facility and Project Information**

Applicant Name	<u>Douglas Reinard</u>	Facility Name	<u>Douglas Reinard SRSTP</u>
Applicant Address	<u>352 Preacher Hill Road</u> <u>Tidioute, PA 16351</u>	Facility Address	<u>352 Preacher Hill Road</u> <u>Tidioute, PA 16351</u>
Applicant Contact	<u>Douglas Reinard</u>	Facility Contact	<u></u>
Applicant Phone	<u>(330) 770-6551</u>	Facility Phone	<u></u>
Applicant Email	<u>doug.reinard@gmail.com</u>		
Client ID	<u>367585</u>	Site ID	<u>831105</u>
SIC Code	<u>8800</u>	Municipality	<u>Harmony Township</u>
SIC Description	<u>Private Households</u>	County	<u>Forest</u>
Date Application Received	<u>November 9, 2023</u>	WQM Required	<u>Issued</u>
Date Application Accepted	<u>December 19, 2023</u>	WQM App. No.	<u>2718401 T-1</u>
Project Description	<u>Renewal NPDES Permit for a Single Residence Sewage Treatment Plant</u>		

**Summary of Review**

Renewal NPDES Permit for an SRSTP consists of a 1,000-gallon dual compartment septic tank with effluent filter, a Premier Tech Eco Flow EC7-500P Coco Filter, tablet chlorinator and a 300-gallon chlorine contact tank.

Act 14 – Proof of Notification was submitted and received.

SPECIAL CONDITIONS: NONE

The EPA waiver is in effect.

There is ONE open violation in WMS for the subject Client ID (367585) as of December 20, 2023. *The violation was for failure to submit a renewal application. The violation will be closed since a renewal application was received.* JCD

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 20, 2023
		Vacant / Environmental Engineer Manager	Okay to Draft JCD 1/22/2024

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° 34' 37.73"</u>	Longitude	<u>-79° 25' 45.08"</u>
Quad Name	<u>West Hickory</u>	Quad Code	<u>41079E4</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Burdick Run (CWF)</u>	Stream Code	<u>55600</u>
NHD Com ID	<u>100473473</u>	RMI	<u>0.5000</u>
Drainage Area		Yield (cfs/mi <sup>2</sup> )	<u>0.001</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0</u>	Q <sub>7-10</sub> Basis	<u>Intermittent Stream</u>
Elevation (ft)	<u>1448</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>16-F</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>	<u>Default</u>	
Temperature (°F)	<u>20</u>	<u>Default</u>	
Hardness (mg/L)	<u>100</u>	<u>Default</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>1801</u>
PWS RMI	<u>90.0</u>	Distance from Outfall (mi)	<u>70.0</u>

Changes Since Last Permit Issuance: None.

Other Comments: None.

**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	10.0	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	1000	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.

Outfall Location - eMap with Aerial Imagery

**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

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

Designated Use Gen ID: 54807  
GNIS Name: Burdick Run  
GNIS ID: 01209460  
ReachCode: 05010003002624  
COMID: 100473473  
Length Miles: 0.966  
Map Symbology: CWF  
Length Miles: 0.966  
Designated Use: 1  
DES Use ID: 1  
Use Description: CWF(COLD WATER FISHES)  
Migratory\_Fish: N  
HUC: 05010003  
Basin: N  
Basin Narrative: Null  
Segment Narrative: Null  
Evaluation Date: Null  
[Zoom to](#)

Locate Latitude and Longitude

Decimal Degrees  DD/MM/SS

Latitude: Degrees: 41 Minutes: 34 Seconds: 37.73  
Longitude: -79 25 45.08

Latitude: 41.5714 Longitude: -79.429139

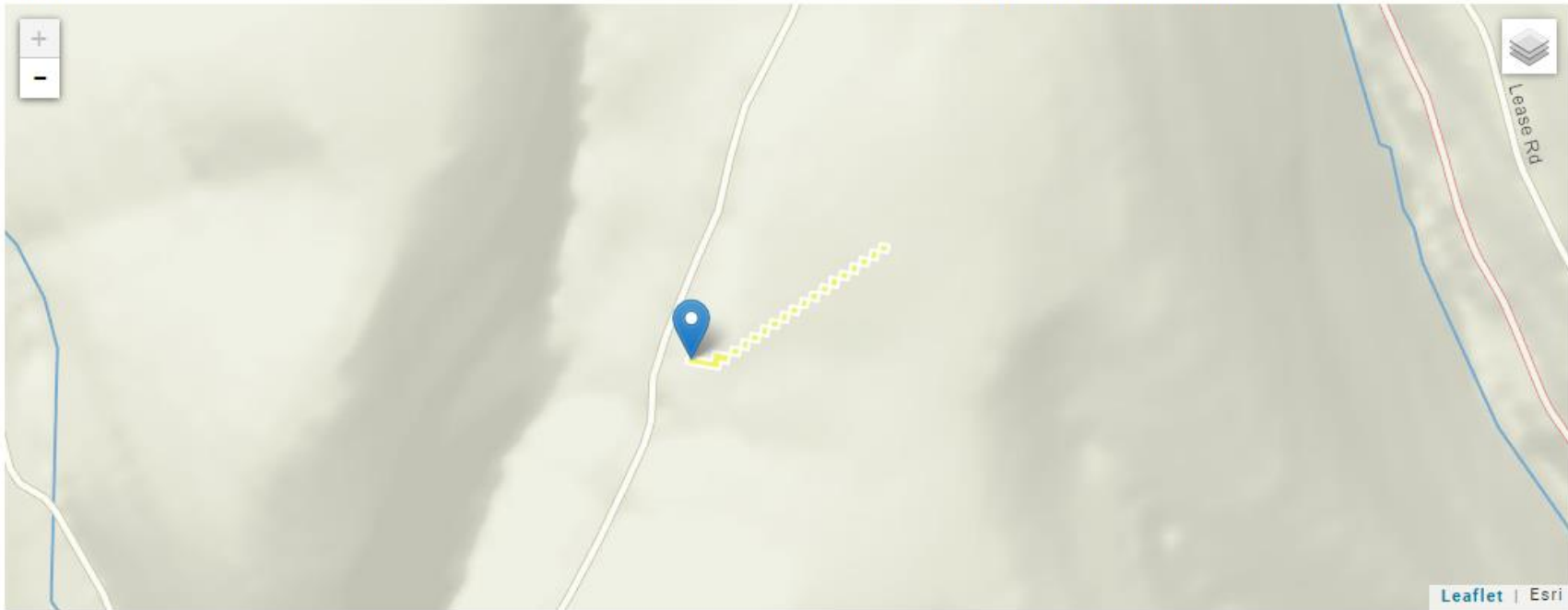
Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community; ESRI Streets: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

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

StreamStats Report

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

PA  
PA20231220150545661000  
41.57715, -79.42918  
2023-12-20 10:06:08 -0500



+ Collapse All

> Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.00085	square miles