

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0264989
APS ID 1047145
Authorization ID 1368514

Applicant, Facility and Project Information

Applicant Name	<u>Steven A. Woods</u>	Facility Name	<u>Steven Woods SRSTP</u>
Applicant Address	<u>6533 Pine City Road</u> <u>Venus, PA 16364</u>	Facility Address	<u>6533 Pine City Road</u> <u>Venus, PA 16364</u>
Applicant Contact	<u>Steven Woods</u>	Facility Contact	<u>Steven Woods</u>
Applicant Phone	<u>(814) 354-6428</u>	Facility Phone	<u>(814) 354-6428</u>
Client ID	<u>333572</u>	Site ID	<u>820316</u>
SIC Code	<u>8800</u>	Municipality	<u>Washington Township</u>
SIC Description	<u>Private Households</u>	County	<u>Clarion</u>
Date Application Received	<u>August 27, 2021</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>September 8, 2021</u>	WQM App. No.	<u></u>
Project Description	<u>Single Residence Sewage Treatment Plant.</u>		

Summary of Review

The application involves the renewal of an Individual NPDES permit for a 400 gpd single residence sewage treatment system.

Act 14 – Proof of notification was submitted and received.

The applicant should be able to meet the limits of this permit, which will protect the uses of the receiving stream.

I. OTHER REQUIREMENTS

- | | |
|---|---------------------------------|
| A. AMRs | F. Stormwater into Sewers |
| B. DMRs | G. Right of Way |
| C. Depth of Septage and Scum Management | H. Solids Handling |
| D. Septic Tank Pumping | I. Public Sewerage Availability |
| E. Chlorine Optimization | |

SPECIAL CONDITIONS: None

Treatment consists of (WQM Permit No. 1617401) a Norweco Singulair Model 960 Aerobic Unit and a Norweco Bio Film Reactor with a Salcor 3G UV Unit in the second compartment and an effluent pump.

Sludge use and disposal description and location(s): Septage must be pumped and hauled off-site by a septage hauler for land application under a general permit authorized by DEP or disposal at an STP.

There are no open violations in WMS for the subject client ID (333572) as of 07/29/2022.

Approve	Deny	Signatures	Date
X		Jon F. Bucha Jonathan F. Bucha / Project Manager	July 29, 2022
X		Adam J. Pesek (Lead Reviewer) Vacant / Environmental Engineer Manager	August 8, 2022

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>41° 20' 48.99"</u>	Longitude	<u>-79° 28' 13.82"</u>
Quad Name	<u>Fryburg</u>	Quad Code	<u>0810</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Richland Run</u>	Stream Code	<u>51552</u>
NHD Com ID	<u>100477023</u>	RMI	<u>0.3600</u>
Drainage Area		Yield (cfs/mi ²)	
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>Intermittent Stream</u>
Elevation (ft)		Slope (ft/ft)	
Watershed No.	<u>16-G</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status		Name	
Background/Ambient Data		Data Source	
pH (SU)			
Temperature (°F)			
Hardness (mg/L)			
Other:			
Nearest Downstream Public Water Supply Intake	<u>Aqua PA, Inc. - Emlenton</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>1376</u>
PWS RMI	<u>90.0</u>	Distance from Outfall (mi)	<u>51.4</u>

Changes Since Last Permit Issuance: None

Other Comments: This treatment system is capable of meeting effluent limits.

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.

Compliance History	
Summary of DMRs:	The Department currently has no AMRs on file
Summary of Inspections:	Septic tanks were pumped on June 8, 2020 by Williams & Sons Services, Inc.

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) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ 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
BOD5	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	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, and Fecal Coliform are BPJ technology-based on the Department's SFTF manual. The limits for pH are technology-based on Chapter 93.7 and the monitoring frequency has been established as "upon request" due to CWF stream designation.

Attachment A – eMAP Stream Designation

The image displays an aerial map of a rural area with a stream highlighted in cyan. A yellow 'X' marker is placed on the stream, with a popup window showing detailed information. In the top right corner, there are input fields for latitude and longitude coordinates. The popup window contains the following data:

Designated Use Streams (1 of 3)		
Designated Use Gen ID:	98252	
GNIS Name:	Richland Run	
GNIS ID:	01212179	
ReachCode:	05010003001193	
COMID:	100477023	
Length Miles:	1.06	
Map Symbology:	CWF	
Length Miles:	1.06	
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		

Latitude: 41.346942 Longitude: -79.470500

Latitude: Degrees: 41 Minutes: 20 Seconds: 48.99
Longitude: Degrees: -79 Minutes: 28 Seconds: 13.82

Locate Close

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