

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0264768
APS ID 1047328
Authorization ID 1368769

Applicant, Facility and Project Information

Applicant Name	<u>Elizabeth Swanson</u>	Facility Name	<u>Elizabeth Swanson SRSTP</u>
Applicant Address	<u>2031 Marble Strobleton Road</u> <u>Fryburg, PA 16326-1405</u>	Facility Address	<u>2031 Marble Strobleton Road</u> <u>Fryburg, PA 16326-1405</u>
Applicant Contact	<u>Elizabeth Swanson</u>	Facility Contact	<u>Elizabeth Swanson</u>
Applicant Phone	<u>(814) 590-7570</u>	Facility Phone	<u>(814) 590-7570</u>
Client ID	<u>330887</u>	Site ID	<u>817667</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>September 3, 2021</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>September 10, 2021</u>	WQM App. No.	<u>-</u>
Project Description	<u>Renewal of a NPDES Permit for an existing discharge from a SRSTP</u>		

Summary of Review

The application involves the renewal of an Individual NPDES permit for a 500 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 REQUIRMENTS
- | | |
|---|---------------------------------|
| 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. 1616406) a Norweco Singlair Model 960 Aerobic Unit and a Norweco AT1500 UV disinfection unit with a discharge to surface water.

Planning approval was granted on September 13, 2016.

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 (330887) as of 07/25/2022.

Approve	Deny	Signatures	Date
X		Jon F. Bucha Jonathan F. Bucha / Project Manager	July 25, 2022
X		Adam J. Pesek / Lead Reviewer for Vacant / Acting Program Manager	August 2, 2022

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0005</u>
Latitude	<u>41° 20' 50.08"</u>	Longitude	<u>-79° 24' 28.53"</u>
Quad Name	<u>Fryburg</u>	Quad Code	<u>0810</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Mahles Run (CWF)</u>	Stream Code	<u>49462</u>
NHD Com ID	<u>102668527</u>	RMI	<u>0.34</u>
Drainage Area	<u>0</u>	Yield (cfs/mi ²)	<u>0</u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>Dry Swale</u>
Elevation (ft)	<u>1550 (Google Earth)</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>17-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>Final</u>	Name	<u>Deer Creek (Clarion)</u>
Background/Ambient Data		Data Source	
pH (SU)	<u></u>		<u></u>
Temperature (°F)	<u></u>		<u></u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>Kittaning Suburban Joint Water Authority</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>2070</u>
PWS RMI	<u>45.6</u>	Distance from Outfall (mi)	<u>79.4</u>

Changes Since Last Permit Issuance: None

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

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:	AMRs are being submitted annually. Effluent sampling shows the facility is meeting the NPDES limitations.
Summary of Inspections:	The last inspection occurred on June 26, 2020 by Delaware Concrete Products, where the system was operating as designed.

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 Departments 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

Designated Use Streams (1 of 3)

Designated Use Gen ID: 76959
GNIS Name:
GNIS ID:
ReachCode: 05010005002125
COMID: 102668527
Length Miles: 0.706
Map Symbology: CWF
Length Miles: 0.706
Designated Use: 1
DES Use ID: 1
Use Description: CWF(COLD WATER FISHES)
Migratory_Fish: N
HUC: 05010005
Basin: N
Basin Narrative: Null
Segment Narrative: Null
Evaluation Date: Null
Last Fdit Date: Null
[Zoom to](#)

Latitude: 41 20 50.08
Longitude: -79 24 28.53

Locate Close

Latitude: 41.347244 - Long

esri
POWERED BY