

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0265179
APS ID 1071787
Authorization ID 1411040

Applicant, Facility and Project Information

Applicant Name	<u>Brian Ayers</u>	Facility Name	<u>Brian Ayers SRSTP</u>
Applicant Address	<u>810 Old State Road</u> <u>Russell, PA 16345</u>	Facility Address	<u>810 Old State Road</u> <u>Russell, PA 16345</u>
Applicant Contact	<u>Brian Ayers (ayers18@yahoo.com)</u>	Facility Contact	<u>Brian Ayers (ayers18@yahoo.com)</u>
Applicant Phone	<u>(814) 688-2574</u>	Facility Phone	<u>(814) 688-2574</u>
Client ID	<u>344915</u>	Site ID	<u>822794</u>
SIC Code	<u>8800</u>	Municipality	<u>Pine Grove Township</u>
SIC Description	<u>Private Households</u>	County	<u>Warren</u>
Date Application Received	<u>September 16, 2022</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>September 22, 2022</u>	WQM App. No.	<u>-</u>
Project Description	<u>Application for a renewal of an NPDES permit for the discharge of treated sewage from an SRSTP.</u>		

Summary of Review

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 Measurement | H. Solids handling |
| D. Septic Tank Pumping | I. Public Sewerage Availability |
| E. Effluent Chlorine Optimization and Minimization | |

SPECIAL CONDITIONS: None.

Existing treatment consists of: A Norweco Singulair Model 960 aerobic unit and a Norweco Bio Film Reactor with a Norweco LF 1000 tablet chlorinator and a 600 gallon contact tank.

There are no open violations in efacts associated with the subject Client ID (344915) as of 6/22/2023. *CWY 6/23/2023*

Approve	Deny	Signatures	Date
X		Stephen A. McCauley Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist	6/22/2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. / Environmental Engineer Manager	6/23/2023

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0.0004
Latitude	41° 59' 21.60"	Longitude	-79° 10' 2.10"
Quad Name	-	Quad Code	-
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to the Conewango Creek (CWF)	Stream Code	N/A
NHD Com ID	129446855	RMI	N/A
Drainage Area	-	Yield (cfs/mi ²)	-
Q ₇₋₁₀ Flow (cfs)	-	Q ₇₋₁₀ Basis	-
Elevation (ft)	-	Slope (ft/ft)	-
Watershed No.	16-B	Chapter 93 Class.	CWF
Existing Use	-	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Attaining Use(s)		
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		-	
PWS Waters	-	Flow at Intake (cfs)	-
PWS RMI	-	Distance from Outfall (mi)	-

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.

This SFTF 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 a Norweco Singlair Model 960.

No modeling was performed for this NPDES Permit as the Norweco Singlair Model 960 is reportedly capable of meeting CBOD5 averages of 6 mg/l and TSS averages of 10 mg/l, which is less than the inputs of the WQ model.

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 (MGD)	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 Avg Mo	XXX	Report	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.

Flow and TRC are monitor only based on Chapter 92a.61. The limits for pH are technology-based on Chapter 93.7. The limits for BOD5, Total Suspended Solids, and Fecal Coliform are technology-based on Chapter 92a.47.