

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0272752  
APS ID 1020104  
Authorization ID 1321001

**Applicant, Facility and Project Information**

Applicant Name	<u>John Schnur</u>	Facility Name	<u>John Schnur SRSTP</u>
Applicant Address	<u>3202 North Osche Road</u> <u>Butler, PA 16002</u>	Facility Address	<u>3202 North Osche Road</u> <u>Butler, PA 16002</u>
Applicant Contact	<u>John Schnur</u>	Facility Contact	<u>John Schnur</u>
Applicant Phone	<u>(724) 822-9812</u>	Facility Phone	<u>(724) 822-9812</u>
Client ID	<u>344809</u>	Site ID	<u>774539</u>
SIC Code	<u>4952, 8811</u>	Municipality	<u>Clearfield Township</u>
SIC Description	<u>Services - Private Households, Trans. &amp; Utilities - Sewerage Systems</u>	County	<u>Butler County</u>
Date Application Received	<u>May 2, 2020</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>July 22, 2020</u>	WQM App. No.	<u>-</u>
Project Description	<u>Renewal of an existing NPDES Permit for a household served by an SRSTP.</u>		

**Summary of Review**

Act 14 - Proof of Notification was submitted and received.

A WQM Part II Permit is not required at this time.

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.

Permitted treatment consists of: A 1,000 gallon dual compartment septic tank with an effluent filter, a peat filter, and ultraviolet (WQM Permit no. 1013406) (UV) disinfection.

There are no open violations in efacts associated with the subject Client ID (344809) as of 6/17/2021.

Approve	Deny	Signatures	Date
X		Stephen A. McCauley Stephen A. McCauley, E.I.T. / Environmental Engineering Specialist	6/17/2021
X		Justin C. Dickey Justin C. Dickey, P.E. / Environmental Engineer Manager	6/21/2021

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0.0004
Latitude	40° 50' 27.00"	Longitude	-79° 46' 56.00"
Quad Name	-	Quad Code	-
Wastewater Description:		Sewage Effluent	
Receiving Waters	Little Buffalo Run (HQ-CWF)	Stream Code	42742
NHD Com ID	123973166	RMI	3.7
Drainage Area	-	Yield (cfs/mi <sup>2</sup> )	-
Q <sub>7-10</sub> Flow (cfs)	-	Q <sub>7-10</sub> Basis	-
Elevation (ft)	-	Slope (ft/ft)	-
Watershed No.	18-F	Chapter 93 Class.	HQ-CWF
Existing Use	-	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Impaired		
Cause(s) of Impairment	Cause Unknown, Nutrients, Siltation		
Source(s) of Impairment	Natural Sources, Natural Sources, Source Unknown		
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)	-

Sludge use and disposal description and location(s): Sludge is disposed of at an approved landfill.

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 peat filter.

No modeling was performed for this NPDES Permit renewal as peat filter systems are capable of meeting CBOD<sub>5</sub> and TSS averages of 10 mg/l, which are 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) <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 Daily Min	XXX	9.0 Daily Max	XXX	1/month	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 ultraviolet (UV) light disinfection.

Flow is monitor only based on Chapter 92a.61. The limits for pH are technology-based on Chapter 93.7. The limits for BOD<sub>5</sub>, Total Suspended Solids, and Fecal Coliforms are technology-based on Chapter 92a.47.