

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0234044  
APS ID 1046807  
Authorization ID 1367917

**Applicant, Facility and Project Information**

Applicant Name	<u>Nathan Singer</u>	Facility Name	<u>Singer SRSTP</u>
Applicant Address	<u>2210 Balsam Road</u> <u>Wellsboro, PA 16901-7438</u>	Facility Address	<u>2210 Balsam Road</u> <u>Wellsboro, PA 16901-7438</u>
Applicant Contact	<u>Nathan Singer</u>	Facility Contact	<u>Nathan Singer</u>
Applicant Phone	<u>(570) 724-6800</u>	Facility Phone	<u>(570) 439-1758</u>
Client ID	<u>287131</u>	Site ID	<u>747314</u>
SIC Code	<u>4952</u>	Municipality	<u>Delmar Township</u>
SIC Description	<u>Trans. &amp; Utilities – Sewerage Systems</u>	County	<u>Tioga</u>
Date Application Received	<u>August 31, 2021</u>	WQM Required	<u>Yes, issued</u>
Date Application Accepted	<u>September 17, 2022</u>	WQM App. No.	<u>5911401</u>
Project Description	<u>Renewal of an existing NPDES permit for the discharge of treated sewage.</u>		

**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		<i>Derek S. Garner</i> Derek S. Garner / Project Manager	June 21, 2022
X		<i>Nicholas W. Hartranft</i> Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	June 22, 2022

**Discharge, Receiving Waters and Water Supply Information**

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0004</u>
Latitude	<u>41° 41' 20.45"</u>	Longitude	<u>-77° 19' 57.37"</u>
Quad Name	<u>Antrim</u>	Quad Code	<u>0527</u>
Wastewater Description: <u>Sewage Effluent</u>			

Receiving Waters	<u>Unnamed Tributary to Wilson Creek</u>	Stream Code	<u>21730</u>
NHD Com ID	<u>66537075</u>	RMI	<u>1.92</u>
Drainage Area	<u>1.54</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.04</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.06</u>	Q <sub>7-10</sub> Basis	<u>Streamgage No. 01548500</u>
Elevation (ft)	<u>1665</u>	Slope (ft/ft)	<u>n/a</u>
Watershed No.	<u>9-A</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	<u>n/a</u>	Existing Use Qualifier	<u>n/a</u>
Exceptions to Use	<u>n/a</u>	Exceptions to Criteria	<u>n/a</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>Siltation</u>		
Source(s) of Impairment	<u>Agriculture</u>		
TMDL Status	<u>Final, Final</u>	Name	<u>Wilson Creek TMDL</u>

Nearest Downstream Public Water Supply Intake	<u>Jersey Shore Area Water Authority</u>		
PWS Waters	<u>Pine Creek</u>	Flow at Intake (cfs)	<u>43</u>
PWS RMI	<u>2.0</u>	Distance from Outfall (mi)	<u>53.55</u>

**Facility Overview**

WQM Permit No. 5911401 was issued 9/19/2011. The facility consists of a dual compartment 1,000-gallon septic tank, 500-gallon dosing tank, three peat bio-filters in parallel, and one 500-gallon chlorine contact tank with a tablet erosion chlorinator.

The single resident sewage treatment plant serves one three-bedroom house that is occupied year-round.

**Compliance History**

The facility was most recently inspected by DEP on April 4, 2022. No violations were noted during the inspection. The inspection report indicates annual maintenance reports are being submitted in a timely manner.

**Existing Effluent Limitations and Monitoring Requirements**

The existing effluent limits were previously established based on peat bio-filters expected treatment performance and are as follows:

**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/6 months	Estimate
pH (S.U.)	XXX	XXX	6.0	XXX	9.0	XXX	1/month	Grab
Total Residual Chlorine (TRC)	XXX	XXX	XXX	Report	XXX	Report	1/month	Grab
Biochemical Oxygen Demand (BOD5)	XXX	XXX	XXX	10.0	XXX	20	1/6 months	Grab
Total Suspended Solids	XXX	XXX	XXX	10.0	XXX	20	1/6 months	Grab
Fecal Coliform (CFU/100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 001

**Proposed Effluent Limitations and Monitoring Requirements**

Minimum measurement frequencies for flow, BOD5, TSS, and fecal coliform are proposed to be changed from 1/6 months to 1/year. Accordingly, monthly averages have been changed to annual averages. The facility has demonstrated compliance with existing frequencies with no noted violations, and an annual frequency will bring the facility in line with DEP's standard operating procedures for SRSTPs.

**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day)		Concentrations (mg/L)				Minimum 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	XXX	9.0	XXX	1/month	Grab
TRC	XXX	XXX	XXX	XXX	XXX	Report	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