

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0232734  
APS ID 1030397  
Authorization ID 1339596

**Applicant, Facility and Project Information**

Applicant Name	<u>Timothy L. Lutz</u>	Facility Name	<u>Timothy L. Lutz Res</u>
Applicant Address	<u>794 E Ridge Road</u> <u>Sunbury, PA 17801-5219</u>	Facility Address	<u>794 E Ridge Road</u> <u>Sunbury, PA 17801-5219</u>
Applicant Contact	<u>Timothy Lutz ()</u>	Facility Contact	<u>Timothy Lutz</u>
Applicant Phone	<u>(570) 765-2941</u>	Facility Phone	<u>(570) 765-2941</u>
Client ID	<u>324223</u>	Site ID	<u>812277</u>
SIC Code	<u>4952</u>	Municipality	<u>Lower Augusta Township</u>
SIC Description	<u>Trans. &amp; Utilities - Sewerage Systems</u>	County	<u>Northumberland</u>
Date Application Received	<u>January 12, 2021</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>January 20, 2021</u>	WQM App. No.	<u>N/A</u>
Project Description	<u>Application for the renewal of the existing individual NPDES permit.</u>		

**Summary of Review**

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>Jonathan P. Peterman</i> Jonathan P. Peterman / Project Manager	April 8, 2021
X		<i>Nicholas W. Hartranft</i> Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	April 9, 2021

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

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>40° 47' 23.29"</u>	Longitude	<u>-76° 46' 37.14"</u>
Quad Name	<u>1231</u>	Quad Code	<u>Sunbury</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Hallowing Run (WWF, MF)</u>	Stream Code	<u></u>
NHD Com ID	<u>54964671</u>	RMI	<u>0.9000</u>
Drainage Area	<u>N/A</u>	Yield (cfs/mi <sup>2</sup> )	<u>N/A</u>
Q <sub>7-10</sub> Flow (cfs)	<u>N/A</u>	Q <sub>7-10</sub> Basis	<u>N/A</u>
Elevation (ft)	<u>N/A</u>	Slope (ft/ft)	<u>N/A</u>
Watershed No.	<u>06B</u>	Chapter 93 Class.	<u>Warm Water Fishes, Migratory Fishes</u>
Existing Use	<u>WWF</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>Attaining Use(s)</u>		
Cause(s) of Impairment	<u>N/A</u>		
Source(s) of Impairment	<u>N/A</u>		
TMDL Status	<u>N/A</u>	Name	<u>N/A</u>
Nearest Downstream Public Water Supply Intake	<u>Capital Region Water</u>		
PWS Waters	<u>Susquehanna River</u>	Flow at Intake (cfs)	<u>2610</u>
PWS RMI	<u>74</u>	Distance from Outfall (mi)	<u>48.95</u>

Changes Since Last Permit Issuance: None.

Other Comments: None.

**Treatment Facility Summary**

**Treatment System**

The individual components are as follows:

- One (1) 1,000 gallon dual compartment septic tank.
- One (1) Effluent filter.
- One (1) 70 ft<sup>2</sup> Ecoflo Biofilter.
- One (1) UV Disinfection System.
- One (1) Outfall.

**TMDL Impairment**

The Department's Geographic Information System (GIS) shows this segment Unnamed Tributary to Hallowing Run is attaining it's use. Therefore, no TMDL has been taken into account during this review.

**Chesapeake Bay Requirements**

Facilities that are designed based on a flow of less than 2,000 GPD (400 GPD design flow for this facility) are not a part of Pennsylvania's Chesapeake Bay Tributary Strategy. Accordingly, it is not practicable to require the permittee to perform nutrient monitoring.

**Anti-Backsliding**

In accordance with 40 CFR 122.44(l)(1) and (2), this permit does not contain effluent limitations, standards, or conditions that are less stringent than the previous permit.

**Existing Effluent Limitations and Monitoring Requirements**

**Existing Limits – Outfall 001**

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	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0	XXX	9.0	XXX	1/year	Grab
Biochemical Oxygen Demand (BOD5)	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Total Suspended Solids	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/year	Grab

The existing effluent limits for Outfall 001 are based on a design flow of 0.0004 MGD.

**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) and/or BPJ.

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	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0	XXX	9.0	XXX	1/year	Grab
Biochemical Oxygen Demand (BOD5)	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Total Suspended Solids	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/year	Grab

The proposed effluent limits for Outfall 001 are based on a design flow of 0.0004 MGD.

**Development of Effluent Limitations and Monitoring Frequency**

BOD<sub>5</sub> and TSS are technology-based limits stipulated in the *Technical Guidance for the Development and Specification of Effluent Limitations* (362-0400-001). 40 CFR Section 133.102 provides the basis of effluent limitations for pH. The fecal coliform limits correspond with 25 PA Code § 92a.47 (a)(4). The system utilizes UV disinfection. No monitoring is required for UV disinfection systems at SRSTPs. All of the monitoring frequencies sample types correspond with the policies and procedures stipulated in the SOP in lieu of the *Technical Guidance for the Development and Specification of Effluent Limitations* (362-0400-001).

**Compliance Review / History**

**Summary of Inspections** -The most recent Clean Water Program inspections for this facility was conducted on 1/20/21. The 2019-2020 Annual Maintenance Report (AMR) was received on 1/06/2021. The AMR was complete.

**WMS Query Summary** - A WMS Query was run at *Reports - Violations & Enforcements – Open Violations for Client Report* to determine whether there are any unresolved violations associated with the client that will affect issuance of the permit (per CSL Section 609). This query revealed no open violations.