

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0233749
APS ID 975055
Authorization ID 1240557

Applicant, Facility and Project Information

Applicant Name	<u>Jeffery Freezer</u>	Facility Name	<u>Freezer Residence</u>
Applicant Address	<u>151 Mahaffey Hollow Road Ext Linden, PA 17744-7793</u>	Facility Address	<u>151 Mahaffey Hollow Road Ext Linden, PA 17744-7793</u>
Applicant Contact	<u>Jeffery Freezer</u>	Facility Contact	<u>Jeffery Freezer</u>
Applicant Phone	<u>(570) 323-6057</u>	Facility Phone	<u>(570) 323-6057</u>
Client ID	<u>268711</u>	Site ID	<u>711168</u>
SIC Code	<u>4952</u>	Municipality	<u>Woodward Township</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>Lycoming</u>
Date Application Received	<u>August 15, 2018</u>	WQM Required	<u>No, already issued</u>
Date Application Accepted	<u>August 22, 2018</u>	WQM App. No.	<u>4108402</u>
Project Description	<u>Renewal of existing NPDES permit</u>		

Summary of Review

The above permittee has submitted an NPDES renewal application for the existing 400 gallons per day discharge (Outfall 001) from a Single Residence Sewage Treatment Plant (SRSTP). The discharge is to an Unnamed Tributary to Quenshukeny Run, which is classified as Warm Water Fishes per the Department's Chapter 93 Regulations. The treatment plant consists of a septic tank, 500 gallon biofilter, and ultraviolet (UV) disinfection. The design, construction, and operation of the treatment plant was approved by the Department via Water Quality Management Permit No. 4108402.

Unless otherwise noted, all applicable Department Standard Operating Procedures (SOPs) were used during this review. It is recommended the permit be drafted as documented within this fact sheet.

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
		Chad A. Fabian / Project Manager	July 2, 2019
		Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>41° 15' 31.76"</u>	Longitude	<u>-77° 8' 14.40"</u>
Quad Name	<u>Linden</u>	Quad Code	<u>4-15.4</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Quenshukeny Run (WWF, MF)</u>	Stream Code	<u>20970</u>
NHD Com ID	<u>66915689</u>	RMI	<u>0.6600</u>
Drainage Area	<u>n/a, no modeling required</u>	Yield (cfs/mi ²)	<u>n/a</u>
Q ₇₋₁₀ Flow (cfs)	<u>n/a</u>	Q ₇₋₁₀ Basis	<u>n/a</u>
Elevation (ft)	<u>800</u>	Slope (ft/ft)	<u>n/a</u>
Watershed No.	<u>10A</u>	Chapter 93 Class.	<u>Warm Water Fishes, Migratory Fishes</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>none</u>
Assessment Status	<u>Attaining Use(s)</u>		
Nearest Downstream Public Water Supply Intake	Approximately 36 miles downstream near Milton, PA on the West Branch Susquehanna River.		

Changes Since Last Permit Issuance: None

Compliance History	
Summary of AMRs:	All AMRs have been submitted since the inspection report described below. According to the AMRs, the permittee has been inspection the UV on a monthly basis. It should be noted that the permittee has not reported any of the required sampling for BOD5, TSS, pH, fecal coliforms in the AMRs. The required sampling for all parameters will be highlighted in the draft and final issuance transmittal letters.
Summary of Inspections:	The last inspection was performed by Meagon Aikey (DEP-Scientific Technician Intern) on 6/14/2017. Ms. Aikey noted that the permittee had not submitted an AMR since 2013. No other violations were found. The system was operating as intended and there was no impact at the discharge noted.

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
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 Daily Max	XXX	XXX	1/year	Grab

Compliance Sampling Location: 001

Other Comments:

All of the above effluent limitations and sampling frequencies are the same as in the existing permit. It should be noted that no reporting for UV is required, other than the standard language in the Annual Maintenance Report (AMR).

It is recommended the permit be drafted as described above.