

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0254908
APS ID 1008539
Authorization ID 1300299

Applicant, Facility and Project Information

Applicant Name	<u>Frank G Szczechowicz</u>	Facility Name	<u>Peninsula Lot 217</u>
Applicant Address	<u>181 Zoskey Road</u> <u>Lilly, PA 15563</u>	Facility Address	<u>286 S Peninsula Drive</u> <u>Central City, PA 15926-9207</u>
Applicant Contact	<u>Reginald Musser</u>	Facility Contact	<u>Reginald Musser</u>
Applicant Phone		Facility Phone	<u>(814) 442-1855</u>
Client ID	<u>314908</u>	Site ID	<u>785485</u>
SIC Code	<u>8811</u>	Municipality	<u>Indian Lake Borough</u>
SIC Description	<u>Services - Private Households</u>	County	<u>Somerset</u>
Date Application Received	<u>December 27, 2019</u>	WQM Required	
Date Application Accepted	<u>December 31, 2019</u>	WQM App. No.	
Project Description	<u>.</u>		

Summary of Review

The permittee has applied for a renewal of NPDES Permit No. PA0254908. NPDES Permit No. PA0254908 was previously issued by the PA Department of Environmental Protection (DEP) on February 19, 2015 and expired on February 29, 2020.

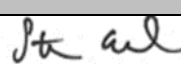
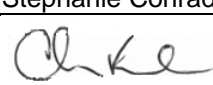
This STP consists of one 1,500-gallon dual compartment Septic Tank with an effluent filter at the outlet, ECOFLO Biofilter, a Jet Model 100 Chlorinator and 500-gallon Chlorine Contact tank. The treated discharge will be delivered to Indian Lake by way of gravity through a 4-inch diameter PVC pipe.

The previous sampling frequency for TRC was 1/quarter. The sampling frequency is being changed for these parameters to 1/month. This is in accordance with Table 6.3 of DEP's Permit Writer's Manual.

The previous permit imposed limits for CBOD5, however this permit is imposing limits on BOD5. This change is in accordance with current department SRSTP sampling policy.

Per current policy, effluent limitations and monitoring requirements listed on page 4 of this Fact Sheet, at a minimum, will be established for individual SRSTP permit renewals. The limitations 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.

The applicant does not use eDMR and current policy does not require eDMR to be used for SRSTPs

Approve	Deny	Signatures	Date
X		 Stephanie Conrad / Environmental Engineering Specialist	April 19, 2021
X		 Donald J. Leone, P.E. / Environmental Engineer Manager	April 23, 2021

Summary of Review

Sewage discharges with design flows < 2,000 gpd do not require monitoring for Total Nitrogen and Total Phosphorus in new and reissued permits.

Technology-based effluent limits for pH will be imposed based upon State Regulation 95.2(1).

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.

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>40° 2' 26"</u>	Longitude	<u>-78° 51' 19"</u>
Quad Name	_____	Quad Code	_____
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Indian Lake</u>	Stream Code	<u>45757</u>
NHD Com ID	<u>123716708</u>	RMI	<u>2.158</u>
Drainage Area	<u>0.08</u>	Yield (cfs/mi ²)	<u>0.046</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.00368</u>	Q ₇₋₁₀ Basis	<u>USGS Data</u>
Elevation (ft)	_____	Slope (ft/ft)	_____
Watershed No.	<u>18-E</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	_____	Existing Use Qualifier	_____
Exceptions to Use	_____	Exceptions to Criteria	_____
Assessment Status	<u>Not Assessed</u>		
Cause(s) of Impairment	_____		
Source(s) of Impairment	_____		
TMDL Status	<u>Final</u>	Name	<u>Kiskiminetas-Conemaugh River Watersheds TMDL</u>
Background/Ambient Data		Data Source	
pH (SU)	_____		_____
Temperature (°F)	_____		_____
Hardness (mg/L)	_____		_____
Other:	_____		_____
Nearest Downstream Public Water Supply Intake	<u>Hooversville Municipal Authority</u>		
PWS Waters	<u>Stony Creek River</u>	Flow at Intake (cfs)	_____
PWS RMI	_____	Distance from Outfall (mi)	_____

Changes Since Last Permit Issuance:

Other Comments: This facility discharges to the Kiskiminetas-Conemaugh River Watersheds. This Watershed has a Final TMDL and is impaired by metals. Abandoned mine drainage is a source of such impairment. This sewage discharge is not expected to contribute to the stream impairment. No WLAs have been developed for this sewage discharge, and they are not expected to contribute to the stream impairment for these pollutants. No monitoring requirements for Total Iron, Total Manganese and Total Aluminum will be imposed on this facility.

Compliance History	
Summary of DMRs:	
Summary of Inspections:	

Other Comments: A compliance check was requested on March 5, 2021 and the results are pending.

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	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/year	Grab
TRC	XXX	XXX	XXX	Report Avg Mo	XXX	XXX	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:

Other Comments: