

# Southwest Regional Office CLEAN WATER PROGRAM

Application Type

Wastewater Type
Facility Type

Renewal

Sewage

SRSTP

# NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

 Application No.
 PA0254908

 APS ID
 1008539

 Authorization ID
 1300299

Applicant Name	Franl	k G Szczechowicz	Facility Name	Peninsula Lot 217	
Applicant Address	181 Z	Zoskey Road	Facility Address	286 S Peninsula Drive	
	Lilly, PA 15563			Central City, PA 15926-9207	
Applicant Contact	Regir	nald Musser	Facility Contact	Reginald Musser	
Applicant Phone			Facility Phone	(814) 442-1855	
Client ID	3149	08	Site ID	785485	
SIC Code	8811		Municipality	Indian Lake Borough	
SIC Description	Servi	ces - Private Households	County	Somerset	
Date Application Received		December 27, 2019	WQM Required		
Date Application Accepted		December 31, 2019	WQM App. No.		

#### **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
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		Stephanie Conrad / Environmental Engineering Specialist	April 19, 2021
x		Chke	
		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. 001  Latitude 40° 2' 26"  Quad Name	Design Flow (MGD) .0004 Longitude -78° 51' 19" Quad Code				
Wastewater Description: Sewage Effluent					
Receiving Waters NHD Com ID Drainage Area Q <sub>7-10</sub> Flow (cfs) Elevation (ft) Watershed No. Existing Use Exceptions to Use Assessment Status Indian Lake 123716708 0.008 0.00368 Ilevation (ft) Watershed No. I8-E INDIAN IND	Chapter 93 Class. CWF				
Cause(s) of Impairment					
Source(s) of Impairment  TMDL Status  Final	Kiskiminetas-Conemaugh River Name Watersheds TMDL				
Background/Ambient Data pH (SU) Temperature (°F) Hardness (mg/L) Other:	Data Source				
Nearest Downstream Public Water Supply Intake PWS Waters Stony Creek River PWS RMI	Hooversville Municipal Authority  Flow at Intake (cfs)  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.

	Effluent Limitations					Monitoring Requirements		
Parameter	Mass Units (lbs/day) (1)		Concentrations (mg/L)			Minimum (2)	Required	
Faranieter	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum	Measurement Sa	Sample Type
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: