Pennsylvania Department of Environmental Protection

Southwest Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0254860**
Wastewater Type	**Sewage**	APS ID	**1149694**
Facility Type	**SRSTP**	Authorization ID	**1547858**

NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP

Applicant, Facility and Project Information

Applicant Name	**William Raymond**	Facility Name	**969 Peninsula Dr SRSTP**
Applicant Address	5431 Yukon Court Suite A	Facility Address	969 Pennisula Drive Indian Lake Borough
	Frederick, MD 21703-7326		Central City, PA 15926
Applicant Contact	William Raymond	Facility Contact	
Applicant Phone	(240) 674-8847	Facility Phone	
Client ID	330342	Site ID	780888
SIC Code	8800	Municipality	Indian Lake Borough
SIC Description	Private Households	County	Somerset
Date Application Received	October 30, 2025	WQM Required	No
Date Application Accepted		WQM App. No.	

Project Description: Renewal of NPDES Permit

Summary of Review

Overview

The permittee applied to renew PA0254860 on 10/30/2025. The permit is set to expire on 04/30/2026. WQM Permit 5614401 approved a flow rate of 400 GPD.

Facility Information

The discharge location, Outfall 001, is located at 40° 2' 47", -78° 51' 55". The facility discharges to Indian Lake. The lake has been approved as a Supporting Lake for aquatic life, potable water, and recreation. eMaps lists the PA Historic stream that ran through the area was Rhoads Creek.

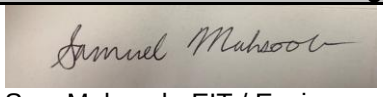
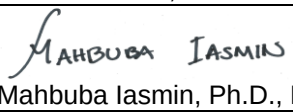
The system consists of a 1000 gallon dual compartment septic tank with an effluent filter, a biofilter with peat filter media, a chlorinator, and a 500 gallon chlorine contact tank.

Act 14 Notifications

Act 14 Notifications were provided to Indian Lake Borough and Somerset County on October 22, 2025.

Client ID Compliance Check

The permittee has no violations by client ID.

Approve	Return	Deny	Signatures	Date
x			 Sam Mahsoob, EIT / Environmental Engineering Specialist	1/28/2026
x			 Mahbuba Iasmin, Ph.D., P.E. / Environmental Engineer Manager	1/28/2026

Summary of Review

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	Design Flow (MGD)	.0004
Latitude	40º 2' 47"	Longitude	-78º 51' 55"
Quad Name		Quad Code	
Wastewater Description:	Sewage Effluent		
Receiving Waters	Indian Lake (Rhoads Creek)	Unit ID	3800
NHD Com ID	123716706	RMI	
Drainage Area	5.35	Yield (cfs/mi^2)	0.0663
Q_{7-10} Flow (cfs)	0.355	Q_{7-10} Basis	USGS StreamStats
Elevation (ft)	2441	Slope (ft/ft)	
Watershed No.	18-E	Chapter 93 Class.	Supporting Lake
Existing Use	Aquatic Life, Potable Water Supply, and Recreation	Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Not Assessed		
Cause(s) of Impairment	Metals, Siltation, Total Suspended Solids (TSS), Turbidity, Aluminum, Iron, Manganese		
Source(s) of Impairment	Acid Mine Drainage, Non-point sources		
TMDL Status	Final	Name	Kiskiminetas-Conemaugh River Watersheds TMDL

Background/Ambient Data		Data Source
pH (SU)		
Temperature (°F)		
Hardness (mg/L)		
Other:		

Nearest Downstream Public Water Supply Intake			
PWS Waters		Flow at Intake (cfs)	
PWS RMI		Distance from Outfall (mi)	

Changes Since Last Permit Issuance: None

Other Comments: Indian Lake is part of the Kiskiminetas-Conemaugh River Watershed which is impaired by urban run-off and acid mine drainage. This small-flow facility is not expected to significantly contribute to the TMDL for the watershed.

Compliance History

Operations Compliance Check Summary Report

Facility: 969 PENINSULA DR SRSTP
NPDES Permit No.: PA0254860
Compliance Review Period: 1/23/2021-1/23/2026

Inspection Summary:

INSPECTED DATE	INSP TYPE	AGENCY	INSPECTION RESULT DESC	INSPECTOR ID	INSPECTOR	INSPECTION COMMENT	CREATION DATE	UPDATE DATE	# OF VIOLATIONS
05/07/2024	Compliance Evaluation	PA Dept of Environmental Protection	Violation(s) Noted	00377635	MILSOP, LISA		05/17/2024	06/23/2025	1
10/22/2021	Compliance Evaluation	PA Dept of Environmental Protection	No Violations Noted	00377635	MILSOP, LISA		10/24/2021		0
05/07/2024	Administrative/File Review	PA Dept of Environmental Protection	No Violations Noted	00377635	MILSOP, LISA	File review of AMRs & DMRs for CEI IR	05/17/2024		0

Violation Summary:

VIOL ID	VIOLATION DATE	VIOLATION TYPE	VIOLATION TYPE DESC	VIOL CODE ID	VIOL PROGRAM	RESOLVED DATE	INSP ID	INSP CATEGORY	INSPECTED DATE	INSP TYPE	INSPECTOR	VIOLATION COMMENT
8187699	05/07/2024	92A.41(A)12B	NPDES - Failure to submit monitoring report(s) or properly complete monitoring reports	17285	WPCNP	08/23/2025	3764179	PF	05/07/2024	Compliance Evaluation	MILSOP, LISA	

Open Violations by Client ID:

No open violations for Client ID

Enforcement Summary:

ENF TYPE	ENF TYPE DESC	ENF CREATION DATE	EXECUTED DATE	INITIATED DATE	VIOL CODE ID	VIOL PROGRAM NAME	VIOLATIONS	# OF VIOLATIONS	PENALTY AMOUNT	AMOUNT RECEIVED	TOTAL AMOUNT DUE	ENF FINAL STATUS	ENF CLOSED DATE	ENF COMMENT
NOV	Notice of Violation	05/17/2024	05/17/2024	05/17/2024	17285	WPCNP	92A.41(A)12B	1						ACO

Effluent Violation Summary:

No effluent exceedances reported during review period

Unauthorized Discharges:

No unauthorized discharges reported in eDMR during review period

Compliance Status: Facility is in general compliance
Completed by: Howard Dunn **Completed date:** 1/23/2026

Developing Effluent Limitations

Technology-Based Limitations (TBELs)

The following effluent limitations and monitoring requirements, at a minimum, will be established in all new and renewed SFTF permits based on the requirements of DEP's "Standard Operating Procedure (SOP) for Clean Water Program New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Application" (SOP No. BCW-PMT-003, Version 1.8, Final, November 9, 2012, Revised May 17, 2019).

Parameter	Avg	IMAX	Sample Type	Frequency: SFTFs	Frequency: SRSTPs
Flow (GPD)	Report	XXX	Estimate (SRSTPs) Measured (SFTFs)	1/month	1/year
BOD5 (mg/L)	10	20	Grab	1/month	1/year
TSS (mg/L)	10	20	Grab	1/month	1/year
pH*	6.0 S.U. Inst. Min.	9.0 S.U.	Grab	1/month	1/year
TRC (mg/L)	Report for SRSTPs; Use TRC Spreadsheet to determine WQBELs or 0.02 mg/L for SFTFs		Grab	1/month	1/month
Fecal Coliform (No./100 ml)	200 Geometric Mean (SFTFs) / Average (SRSTPs)		Grab	1/month	1/year

***** Technology-Based effluent limits for pH will be imposed based upon Federal Regulation 133.102(c) and State Regulation 95.2(1).

Additional Considerations

Anti-Backsliding

Section 402(o) of the Clean Water Act (CWA), enacted in the Water Quality Act of 1987, establishes anti-backsliding rules governing two situations. The first situation occurs when a permittee seeks to revise a Technology-Based effluent limitation based on BPJ to reflect a subsequently promulgated effluent guideline which is less stringent. The second situation addressed by Section 402(o) arises when a permittee seeks relaxation of an effluent limitation which is based upon a State treatment standard of water quality standard.

Previous limits can be used pursuant to EPA's anti-backsliding regulation. Reissued permits. (1) Except as provided in paragraph (l)(2) of this section when a permit is renewed or reissued. Interim effluent limitations, standards or conditions must be at least as stringent as the final effluent limitations, standards, or conditions in the previous permit (unless the circumstances on which the previous permit was based have materially and substantially changed since the time the permit was issued and would constitute cause for permit modification or revocation and reissuance under §122.62). (2) In the case of effluent limitations established on the basis of Section 402(a)(1)(B) of the CWA, a permit may not be renewed, reissued, or modified on the basis of effluent guidelines promulgated under section 304(b) subsequent to the original issuance of such permit, to contain effluent limitations which are less stringent than the comparable effluent limitations in the previous permit.

(40 CFR 122.44 (l)(2) Establishing limitations, standards, and other permit conditions., 40 CFR Ch. I (7-1-21 Edition))

No permits limits have been made less stringent in the renewal draft permit.

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	Estimate
TRC	XXX	XXX	XXX	XXX	XXX	Report	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

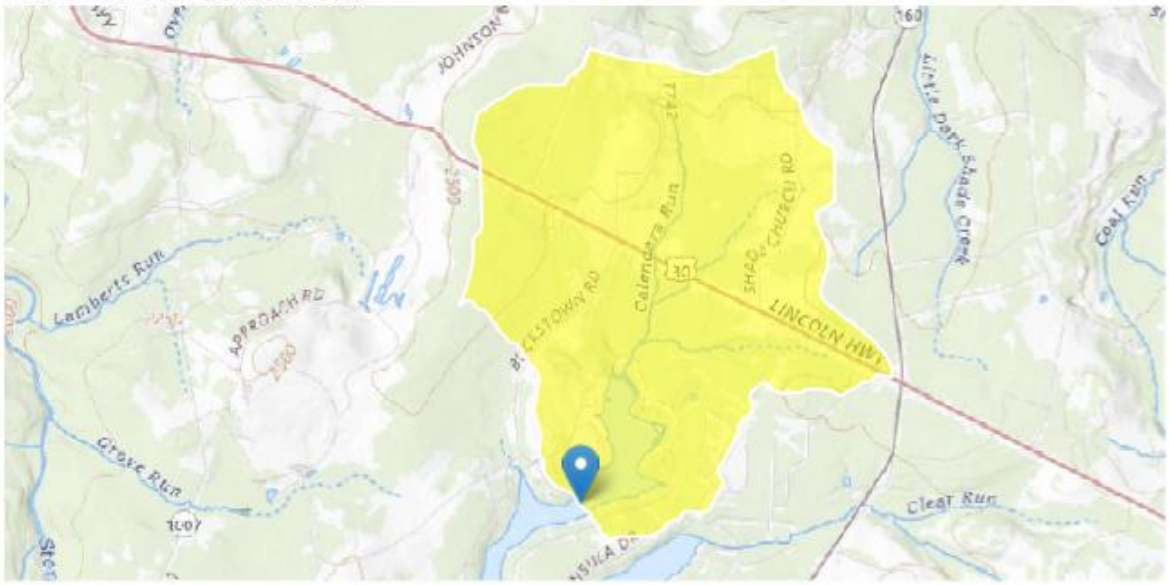
Compliance Sampling Location: Outfall 001

Other Comments: TRC monitoring frequency was changed from 1/quarter to 1/month per the SOP. Flow was also changed to "Estimate" 1/year.

Attachment 1
USGS StreamStats
Upstream

StreamStats Report

Region ID: PA
Clicked Point (Latitude, Longitude): 40.04738, -78.86630
Time: 2026-01-28 09:50:25 -0500



StreamStats Update

Starting with version 4.30.0, the StreamStats application uses services that were redeveloped with open-source software components. Users may observe minor variations in computed results when compared to those from previous versions. These differences are expected and do not reflect errors in the underlying data or analytical methods. Users are advised to consider these potential variations when interpreting or comparing results generated across different versions of StreamStats. Please email streamstats@usgs.gov with any questions or concerns. A full list of changes can be found at **https://www.usgs.gov/streamstats/news/streamstats-data-updates-open-source-code-release (https://www.usgs.gov/streamstats/news/streamstats-data-updates-open-source-code-release)** .

Collapse All

Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 3]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	5.35	square miles	2.33	1720
ELEV	Mean Basin Elevation	2441.7	feet	898	2700

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
PRECIP	Mean Annual Precipitation	43.4	inches	38.7	47.9

Low-Flow Statistics Flow Report [Low Flow Region 3]

PIL: Lower 90% Prediction Interval, PIU: Upper 90% Prediction Interval, ASEp: Average Standard Error of Prediction, SE: Standard Error, PC: Percent Correct, RMSE: Root Mean Squared Error, PseudoR^2: Pseudo R Squared (other -- see report)

Statistic	Value	Unit	SE	ASEp
7 Day 2 Year Low Flow	0.801	ft^3/s	43	43
30 Day 2 Year Low Flow	1.12	ft^3/s	38	38
7 Day 10 Year Low Flow	0.355	ft^3/s	54	54
30 Day 10 Year Low Flow	0.464	ft^3/s	49	49
90 Day 10 Year Low Flow	0.682	ft^3/s	41	41

Low-Flow Statistics Citations

Stuckey, M.H.,2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p. (http://pubs.usgs.gov/sir/2006/5130/)

Application Version: 4.30.0
SSHydro Services Version: 1.0.0
SSDelineate Services Version: 1.0.0
NSS Services Version: 2.2.1
GageStats Services Version: 1.2.1
Pourpoint Services Version: 1.2.0
Batch Processor Version: 1.6.0