Pennsylvania Department of Environmental Protection

Northwest Regional Office
CLEAN WATER PROGRAM

NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP

Application Type	**Renewal**	Application No.	**PA0287938**
Wastewater Type	**Sewage**	APS ID	**1120270**
Facility Type	**SRSTP**	Authorization ID	**1496593**

Applicant, Facility and Project Information

Applicant Name	**Jack R Bish**	Facility Name	**Jack R Bish SRSTP**
Applicant Address	142 E Main Street	Facility Address	43835 Route 66
	Columbus, PA 16405-1508		Marienville, PA 16239-5931
Applicant Contact	Jack Bish	Facility Contact	
Applicant Phone	(814) 636-9319	Facility Phone	
Client ID	353924	Site ID	838319
SIC Code	8800	Municipality	Howe Township
SIC Description	Private Households	County	Forest
Date Application Received	August 26, 2024	WQM Required	No – Permit Received
Date Application Accepted		WQM App. No.	

Project Description: This is an application to renew a Single Residence Sewage Treatment Plant (SRSTP).

Summary of Review

Treatment at the existing facility consists of (WQM Permit No. 2719403 A-1): A Premier Tech EC7-500-P-P-PACK unit with a built in 800-gallon septic tank and an integrated pump and DiUV disinfection.

Due to a change in site conditions the permittee opted to change from the originally permitted Norweco Unit to the Premier Tech unit currently installed at the site. No change to design flows were proposed with the change in systems.

There are no open violations in WMS for the subject Client ID (353294) as of 9/8/25.

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
X		Dustin Hargenrater Dustin Hargenrater / Project Manager	September 8, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	September 9, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	.0004
Latitude	41º 32' 21.26"	Longitude	-79º 3' 25.23"
Quad Name	Lynch	Quad Code	41079E1
Wastewater Description:	Sewage Effluent		

Receiving Waters	Bluejay Creek (HQ-CWF)	Stream Code	55252
NHD Com ID	100473185	RMI	0.4700
Drainage Area	2.98	Yield (cfs/mi^2)	0.046
Q_{7-10} Flow (cfs)	0.138	Q_{7-10} Basis	USGS - StreamStats
Elevation (ft)	1765	Slope (ft/ft)	---
Watershed No.	16-F	Chapter 93 Class.	HQ-CWF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status		Name	

Background/Ambient Data		Data Source
pH (SU)	7	Default
Temperature (°F)	20	Default - CWF
Hardness (mg/L)	100	Default
Other:		

Nearest Downstream Public Water Supply Intake		Aqua Pennsylvania Inc. - Emlenton	
PWS Waters	Allegheny River	Flow at Intake (cfs)	1,376
PWS RMI	90.0	Distance from Outfall (mi)	99.26

Changes Since Last Permit Issuance: The originally permitted facility, a Norweco Unit, was not installed at the facility. An amendment to the WQM Permit switched the permitted facility to a Premier Tech EC7 unit in November of 2020.

Other Comments: There are no AMR forms to review in OnBase. Based on the permitted facility the EC7 units have shown ability to meet effluent limits, however if the facility is discharging close to the permitted design discharge rate, they may have troubles meeting the limits. This is due to the loading rate of the system being under-designed which is a flaw in the design from Ecoflo. The Department recognizes the flaws in design and has since only permitted oversized systems for the EC7 units. For existing EC7 units the Department recognizes the amount of time and money these systems cost and will continue to permit the systems installed prior to the knowledge of the under-designed loading rate.

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.

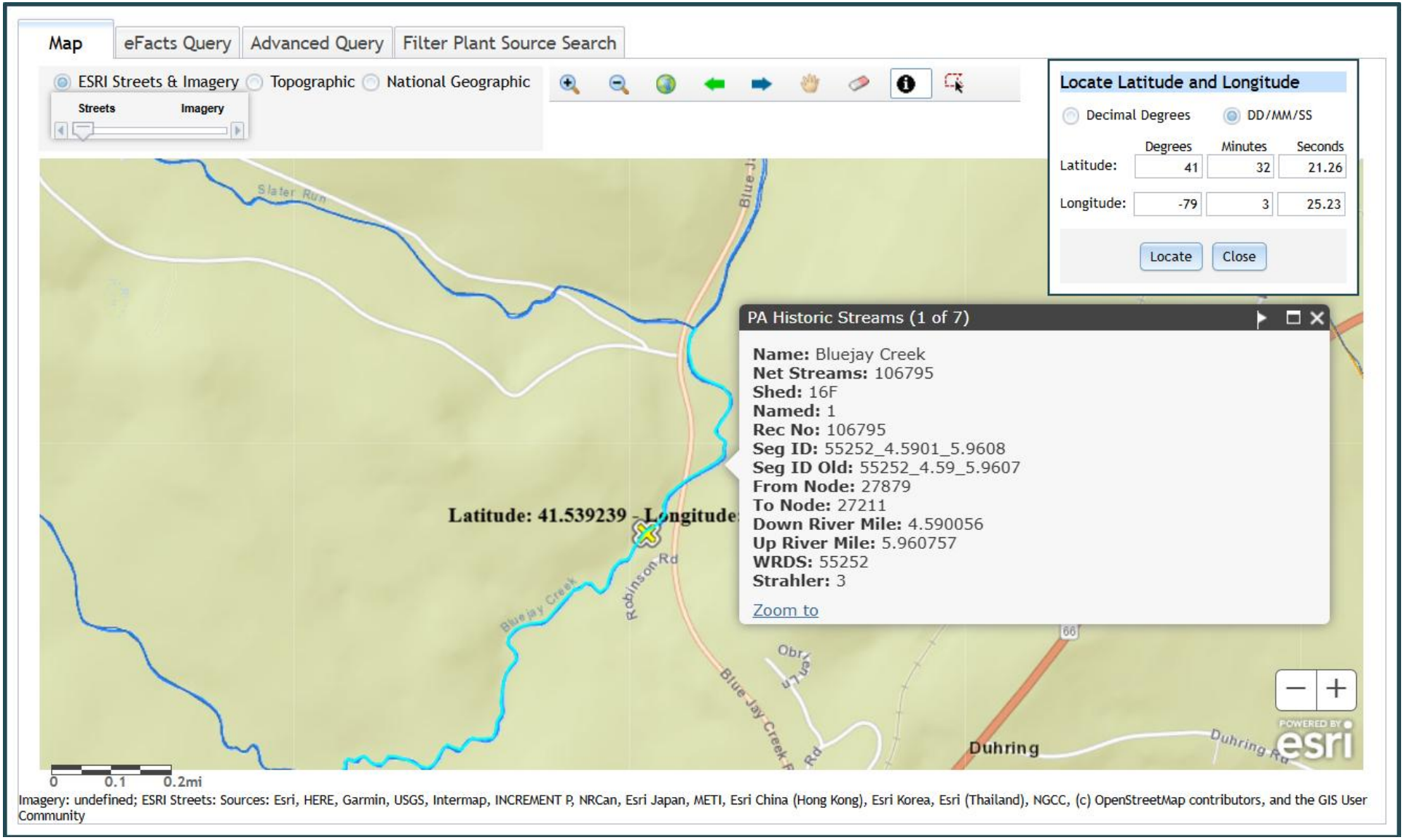
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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
pH (S.U.)	XXX	XXX	6.0 Daily Min	XXX	9.0 Daily Max	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: Outfall 001, after disinfection.

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD5, Total Suspended Solids, and Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7 and the monitoring frequency has been established as "1/month" due to HQ-CWF stream designation.

Attachment 1 – eMap PA
Receiving Stream Data



Attachment 2 – Google Earth
Site Imagery