

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0288756
APS ID 1141912
Authorization ID 1534787

Applicant, Facility and Project Information

Applicant Name <u>Bonnie Vaughn</u>	Facility Name <u>Bonnie Vaughn SRSTP</u>
Applicant Address <u>2267 Buxton Road</u> <u>Titusville, PA 16354-7409</u>	Facility Address <u>2267 Buxton Road</u> <u>Titusville, PA 16354-7409</u>
Applicant Contact <u>Bonnie Vaughn</u>	Facility Contact _____
Applicant Phone <u>(814) 782-3208</u>	Facility Phone _____
Client ID <u>358692</u>	Site ID <u>841601</u>
SIC Code <u>8800</u>	Municipality <u>Cherrytree Township</u>
SIC Description <u>Private Households</u>	County <u>Venango</u>
Date Application Received <u>July 22, 2025</u>	WQM Required <u>Previously issued - 6120404</u>
Date Application Accepted <u>July 24, 2025</u>	WQM App. No. _____
Project Description <u>Renewal for a Single Residence Sewage Treatment Plant</u>	

Summary of Review

The permittee is applying for reissuance of Individual Permit **PA0288756** that will expire on November 30, 2025. This is a discharge into stream channel - Cherrytree Run. The average daily flow is projected to be 400 GPD.

Act 14 notifications were submitted and received.

The existing facility under (WQM Permit No. 6120404) issued on November 30, 2020, consist of: A Premier Tech EC7-500-P-P PACK Coco Filter Unit with integrated septic tank, DiUV disinfection, and pumping.

AMR was received and appears to operate as designed.

There are no open violations in WMS for the subject Client ID (**358692**) as of July 24, 2025.

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		Adebayo Olude Adebayo Olude / Civil Engineer Trainee	July 24, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	July 26, 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	41° 34' 18.47"	Longitude	-79° 42' 1.86"
Quad Name	Titusville South	Quad Code	41079E6
Wastewater Description: Sewage Effluent			
Receiving Waters	Cherrytree Run (CWF)	Stream Code	54149
NHD Com ID	100474109	RMI	0.0500
Drainage Area	1.32	Yield (cfs/mi²)	0.0396
Q ₇₋₁₀ Flow (cfs)	0.0524	Q ₇₋₁₀ Basis	USGS StreamStats
Elevation (ft)	1508	Slope (ft/ft)	----
Watershed No.	16-E	Chapter 93 Class.	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)	>10

Changes Since Last Permit Issuance: N/A

Other Comments: This SRSTP was designed where applicable in accordance with the SFTF Manual.

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.

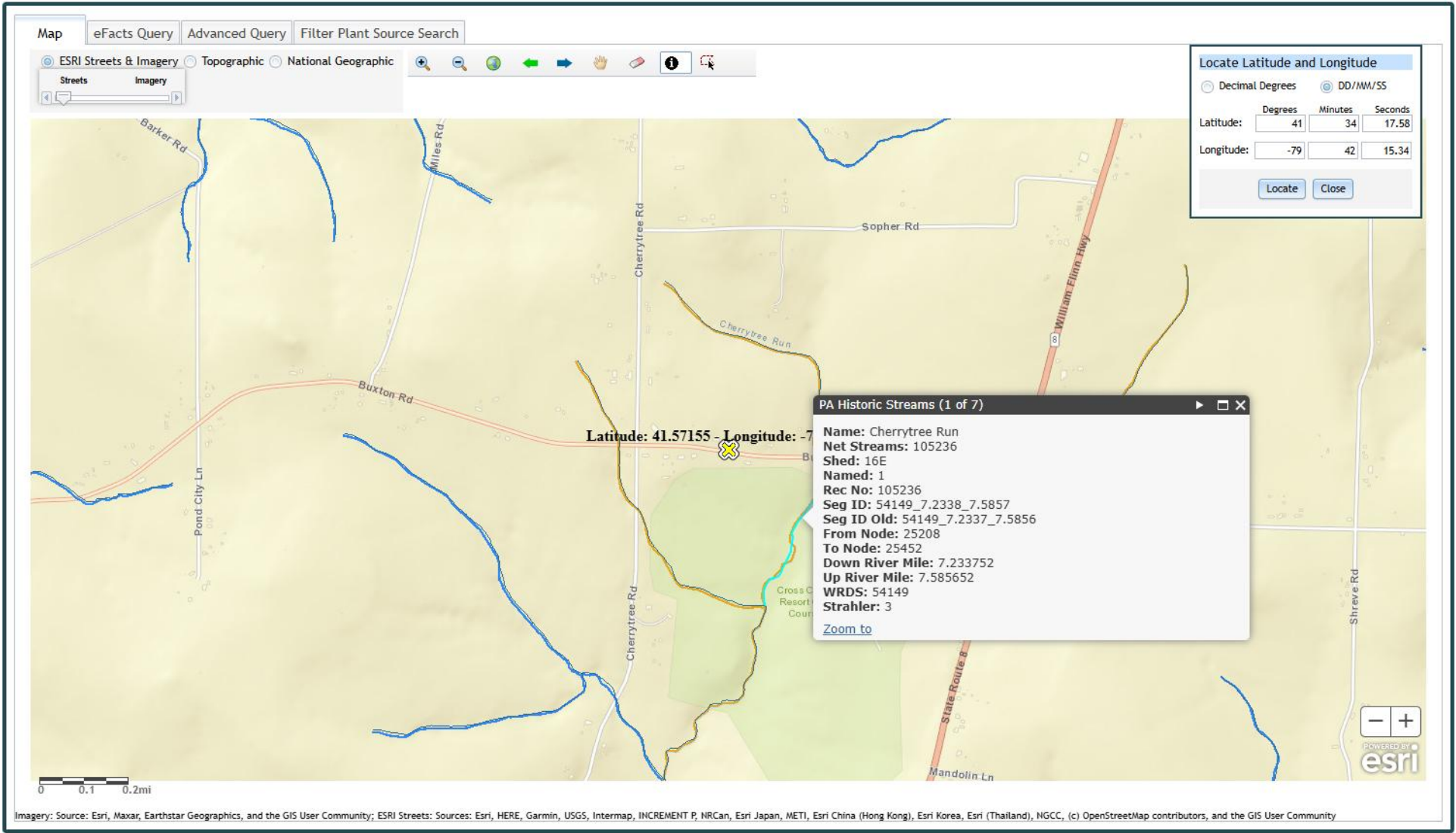
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Upon Request	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 Coliforms are technology- based on Chapter 92a.47.

Attachment 1
eMAP- Receiving Streams Information



Attachment 2

Google Earth - Imagery

