

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. **PA0239763**
APS ID **1148923**
Authorization ID **1546653**

Applicant, Facility and Project Information

Applicant Name	Collins Reffner	Facility Name	Collins Reffner SFTF
Applicant Address	406 Keck Road	Facility Address	406 Keck Road
Applicant Contact	Butler, PA 16002-1052	Facility Contact	Butler, PA 16001
Applicant Phone	(724) 283-8849	Facility Phone	
Client ID	243661	Site ID	631209
SIC Code	6500	Municipality	Summit Township
SIC Description	Real Estate	County	Butler
Date Application Received	September 29, 2025	WQM Required	Previously issued - 1005406
Date Application Accepted	October 24, 2025	WQM App. No.	
Project Description	Renewal for a Single Residence Sewage Treatment Plant		

Summary of Review

The permittee is applying for reissuance of Individual Permit **PA0239763** that expired on June 30, 2025. The discharge channel is Trib 35164 To Bonnie Brook. The average daily flow is projected to be 400 GPD.

Act 14 notifications were submitted and received.

The existing facility under (WQM Permit No. 1005406) issued on January 31, 2006, consist of: A Norweco Singulair Green Model 960-500 aerobic unit consisting of a pretreatment chamber, an aeration chamber, a 1,00-gallon pump tank, a Norweco Eco-Flo STB-650 peat bio-filter, and a Salcor 3G UV light disinfection unit.

AMR was received and system appears to be operational.

There are no open violations in WMS for the subject Client ID (243661) as of October 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	October 24, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	October 27, 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	40° 51' 55.92"	Longitude	-79° 48' 11.64"
Quad Name	Saxonburg	Quad Code	40079G7
Wastewater Description:	Sewage Effluent		
Receiving Waters	Unnamed Tributary to Bonnie Brook (WWF)	Stream Code	35164
NHD Com ID	126221587	RMI	
Drainage Area	0.96	Yield (cfs/mi ²)	0.008
Q ₇₋₁₀ Flow (cfs)	0.008	Q ₇₋₁₀ Basis	USGS StreamStats
Elevation (ft)	1,065	Slope (ft/ft)	-
Watershed No.	20-C	Chapter 93 Class.	WWF
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)	25	Default -WWF	
Hardness (mg/L)	100	Default	
Other:	-	-	
Nearest Downstream Public Water Supply Intake	Beaver Falls Municipal Authority		
PWS Waters	Beaver River	Flow at Intake (cfs)	561
PWS RMI	3.5	Distance from Outfall (mi)	54.5

Changes Since Last Permit Issuance: Elevation was revised using Google Earth. Drainage Area and Q7-10 Flow were revised using USGS StreamStats.

Other Comments: This SRSTP is designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General Permit due to the use of a Norweco Singulair Model 960-500 with an Eco-Flo STB-650 peat bio-filter.

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.

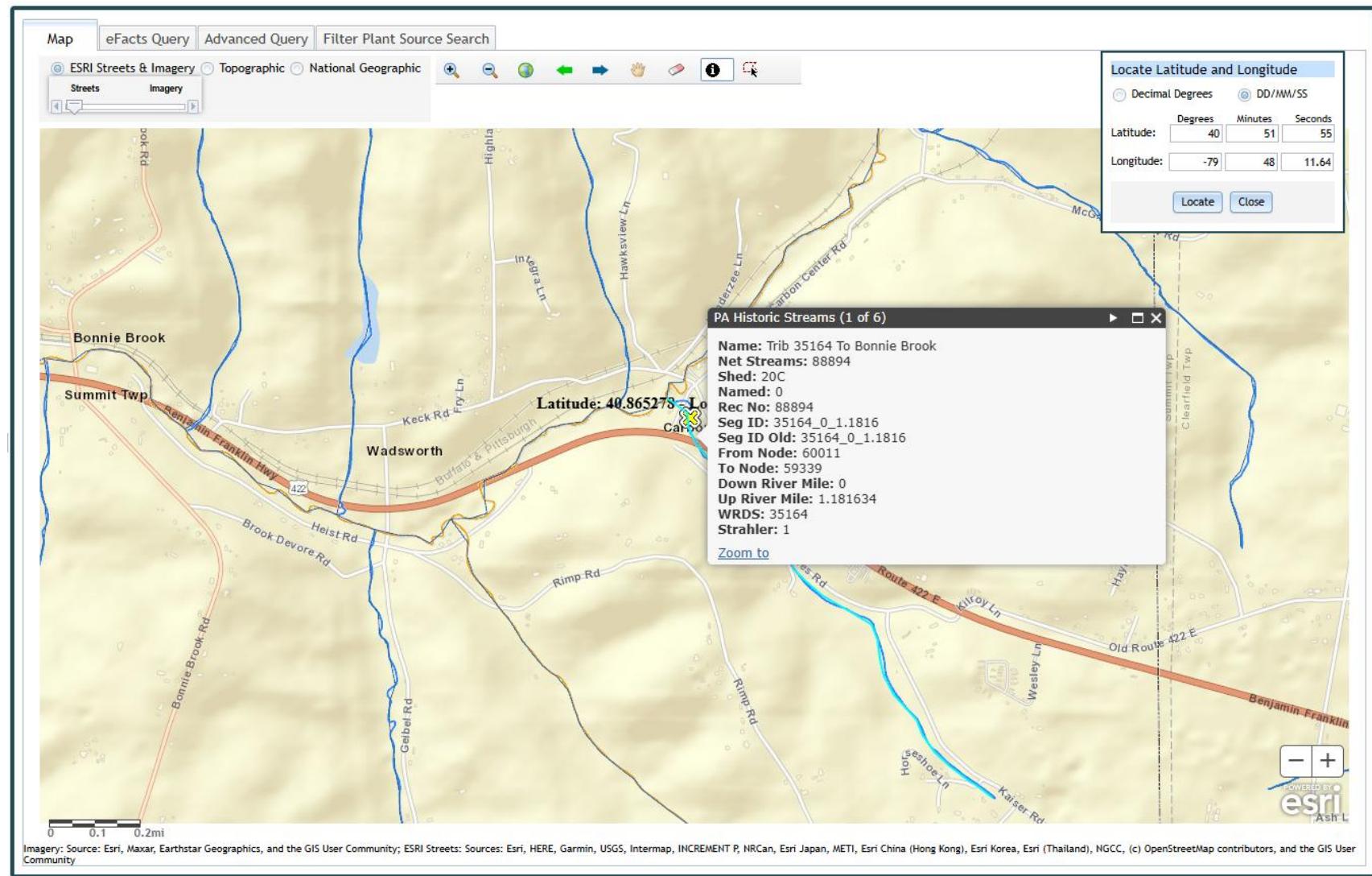
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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	XXX	1/year
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Upon Request	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	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



Attachment 3
StreamStats Report

StreamStats Report

Region ID:

Workspace ID:

Clicked Point (Latitude, Longitude):

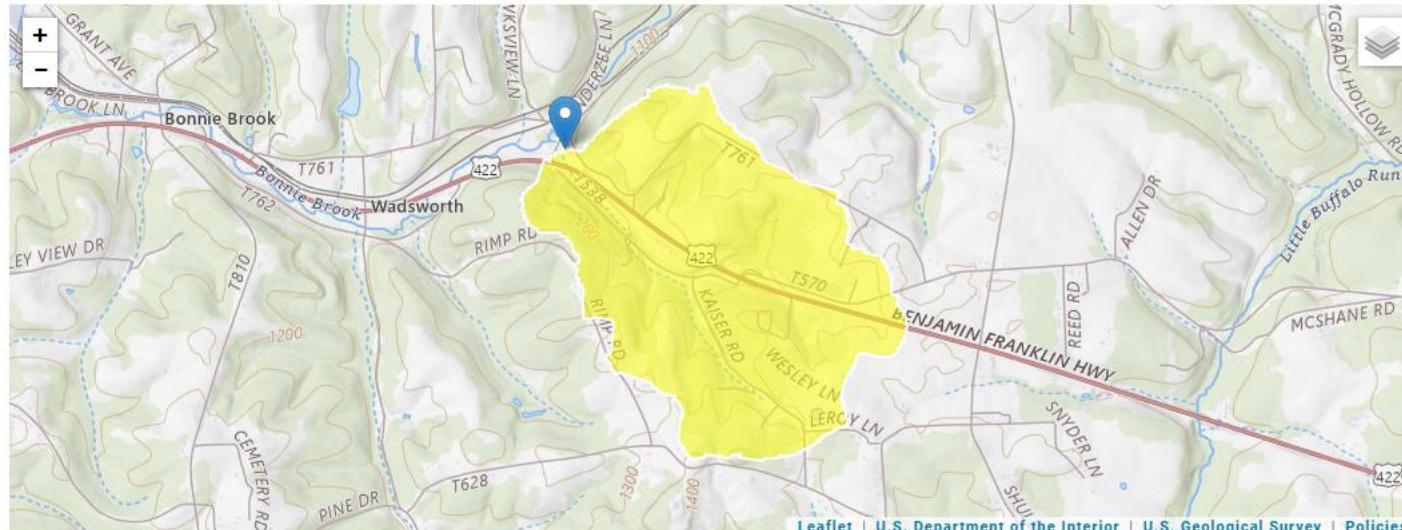
Time:

PA

PA20251024154723364000

40.86535, -79.80327

2025-10-24 11:47:45 -0400



[Collapse All](#)

► Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.96	square miles
ELEV	Mean Basin Elevation	1252	feet