

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. **PA0289141**
APS ID **1149047**
Authorization ID **1546853**

Applicant, Facility and Project Information

Applicant Name	Carrie Rust	Facility Name	Carrie Rust SRSTP
Applicant Address	240 Manor Road	Facility Address	7189 Country Club Road
Applicant Contact	Wexford, PA 15090-8860	Facility Contact	Butler, PA 16001-8578
Applicant Phone	(412) 596-2725	Facility Phone	
Client ID	361598	Site ID	846764
SIC Code	4952,8800	Municipality	Franklin Township
SIC Description	Private Households,Trans. & Utilities - Sewerage Systems	County	Butler
Date Application Received	<u>October 24, 2025</u>	WQM Required	<u>Previously issued - 1021403</u>
Date Application Accepted	<u>October 30, 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 **PA0289141** that will expire on June 30, 2026. This is a discharge into stream channel – Mulligan Run. The average daily flow is projected to be 400 GPD.

The existing facility consists of: 1,000-gallon dual chamber septic tank with a Zabel A300 effluent filter and Premier Tech EC7-500-C-P Coco Filter with integral pump and DiUV disinfecter.

Act 14 notifications were submitted and received.

AMRs were not found on the system.

There are no open violations in WMS for the subject Client ID (**361598**) as of October 30, 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 30, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	November 3, 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° 55' 23.88"	Longitude	-79° 59' 32.96"
Quad Name	Mount Chestnut	Quad Code	40079H8
Wastewater Description:	Sewage Effluent		
Receiving Waters	Mulligan Run (CWF)	Stream Code	34993
NHD Com ID	126221136	RMI	0.4800
Drainage Area	0.44	Yield (cfs/mi ²)	0.0072
Q ₇₋₁₀ Flow (cfs)	0.00317	Q ₇₋₁₀ Basis	USGS StreamStats
Elevation (ft)		Slope (ft/ft)	-
Watershed No.	20-C	Chapter 93 Class.	CWF
Existing Use	1309	Existing Use Qualifier	
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status	Final	Name	Little Connoquenessing Creek Watershed
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	Harmony Borough Water Authority		
PWS Waters	Little Connoquenessing Creek	Flow at Intake (cfs)	2.0
PWS RMI	1.1	Distance from Outfall (mi)	>5miles

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 was 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 EC7-500-C-P Coco 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.

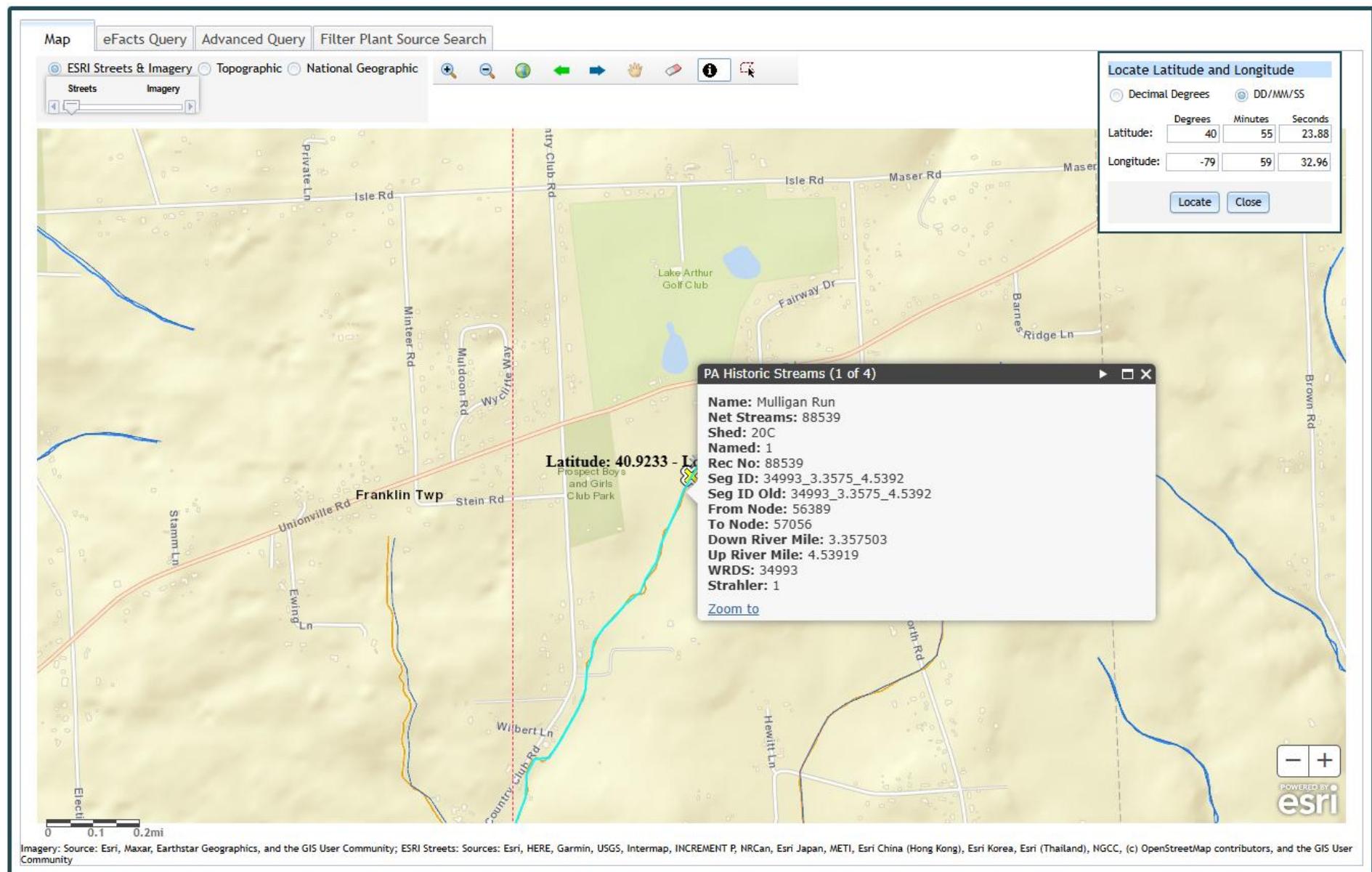
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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	20.0	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. The limits for pH are technology-based on Chapter 93.7.

Attachment 1
eMAP– Receiving Streams Information



Attachment 2
Google Earth - Imagery



Attachment 3
StreamStats Report

StreamStats Report

Region ID:

PA

Workspace ID:

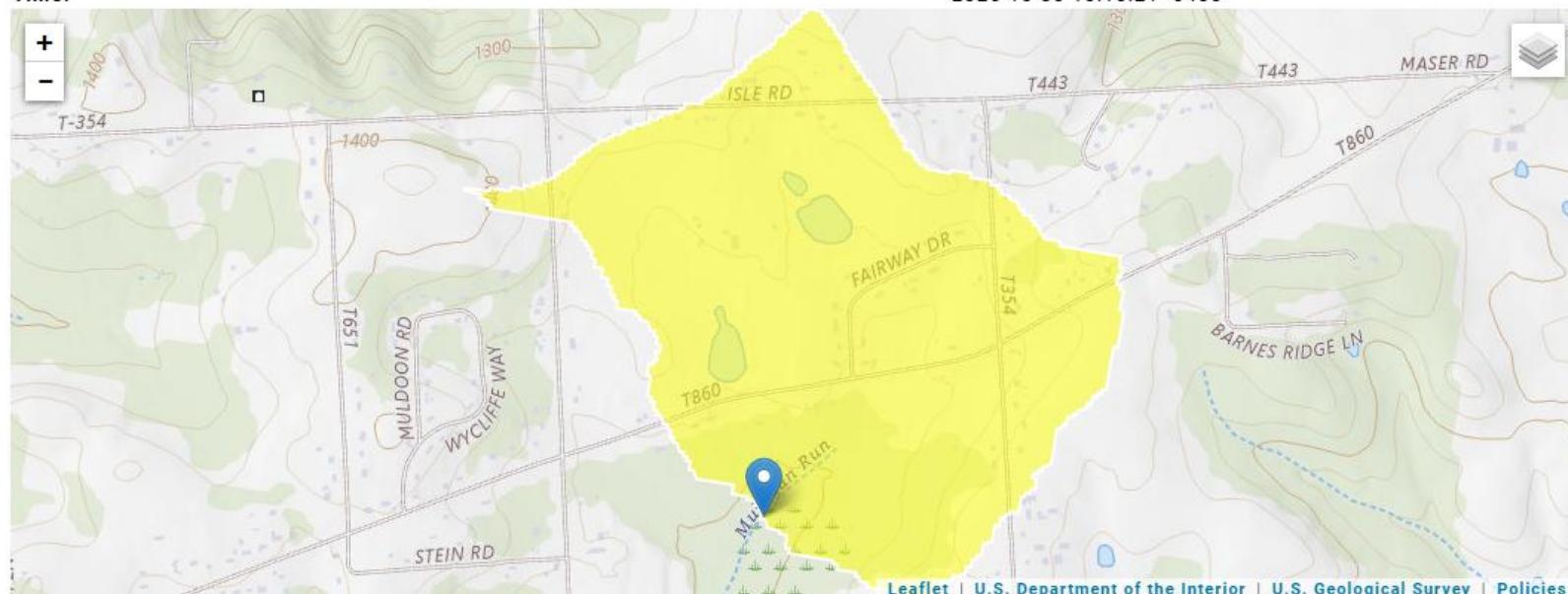
PA20251030141257196000

Clicked Point (Latitude, Longitude):

40.92353, -79.99214

Time:

2025-10-30 10:13:21 -0400



+ Collapse All

➤ Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.44	square miles
ELEV	Mean Basin Elevation	1339	feet