

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 <u>Carrie Rust</u>	Facility Name <u>Carrie Rust SRSTP</u>
Applicant Address <u>240 Manor Road</u>	Facility Address <u>7189 Country Club Road</u>
<u>Wexford, PA 15090-8860</u>	<u>Butler, PA 16001-8578</u>
Applicant Contact <u>Current Resident</u>	Facility Contact _____
Applicant Phone <u>(412) 596-2725</u>	Facility Phone _____
Client ID <u>361598</u>	Site ID <u>846764</u>
SIC Code <u>4952,8800</u>	Municipality <u>Franklin Township</u>
SIC Description <u>Private Households, Trans. & Utilities - Sewerage Systems</u>	County <u>Butler</u>
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 disinfectant.

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.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>40° 55' 23.88"</u>	Longitude	<u>-79° 59' 32.96"</u>
Quad Name	<u>Mount Chestnut</u>	Quad Code	<u>40079H8</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Mulligan Run (CWF)</u>	Stream Code	<u>34993</u>
NHD Com ID	<u>126221136</u>	RMI	<u>0.4800</u>
Drainage Area	<u>0.44</u>	Yield (cfs/mi ²)	<u>0.0072</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.00317</u>	Q ₇₋₁₀ Basis	<u>USGS StreamStats</u>
Elevation (ft)		Slope (ft/ft)	<u>-</u>
Watershed No.	<u>20-C</u>	Chapter 93 Class.	<u>CWF</u>
Existing Use	<u>1309</u>	Existing Use Qualifier	
Exceptions to Use	<u>-</u>	Exceptions to Criteria	<u>-</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status	<u>Final</u>	Name	<u>Little Connoquenessing Creek Watershed</u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7</u>	Default	
Temperature (°F)	<u>20</u>	Default - CWF	
Hardness (mg/L)	<u>100</u>	Default	
Other:	<u>-</u>		<u>-</u>
Nearest Downstream Public Water Supply Intake	<u>Harmony Borough Water Authority</u>		
PWS Waters	<u>Little Connoquenessing Creek</u>	Flow at Intake (cfs)	<u>2.0</u>
PWS RMI	<u>1.1</u>	Distance from Outfall (mi)	<u>>5miles</u>

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.

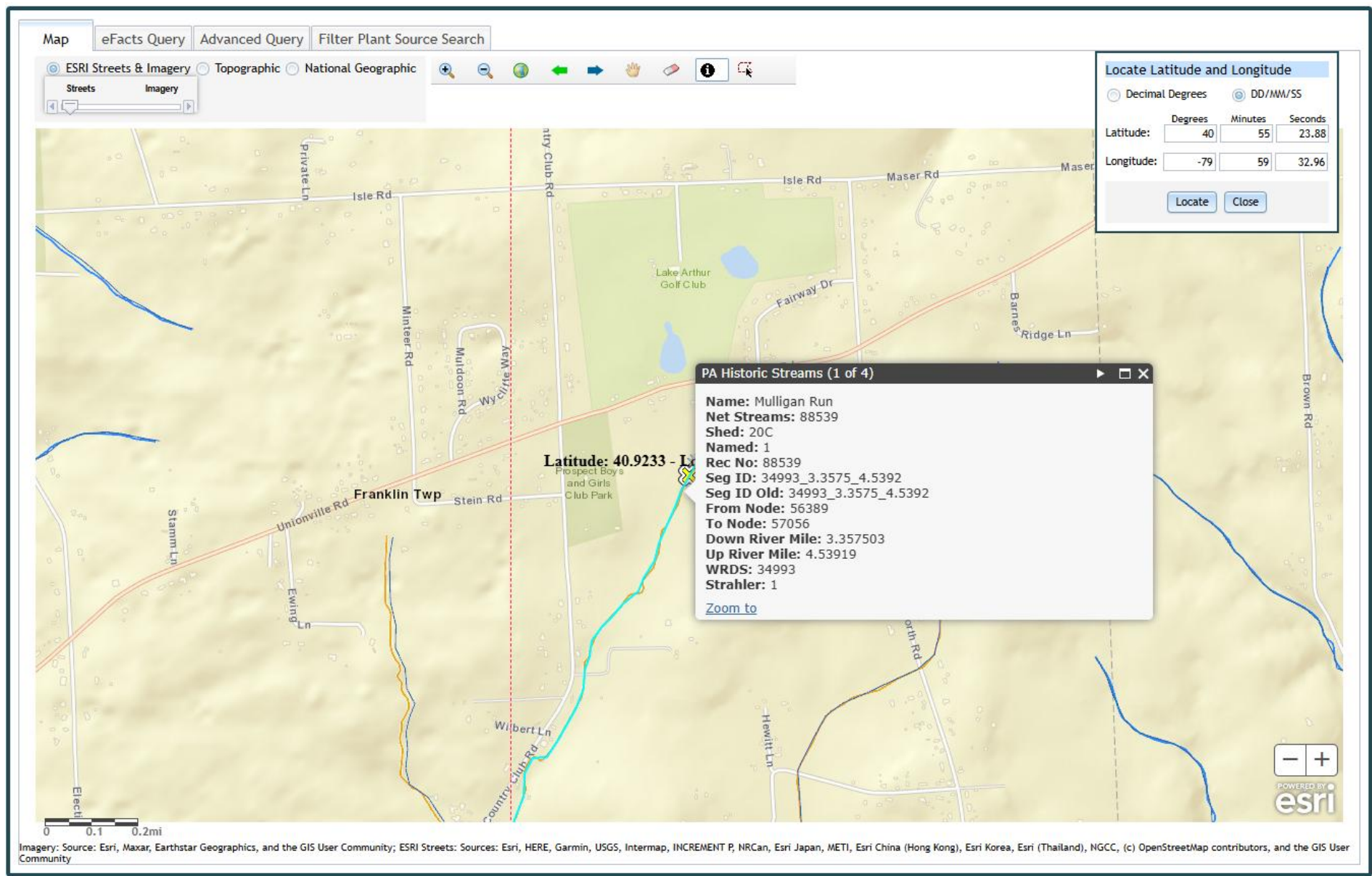
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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

Attachment 1
eMAP- Receiving Streams Information



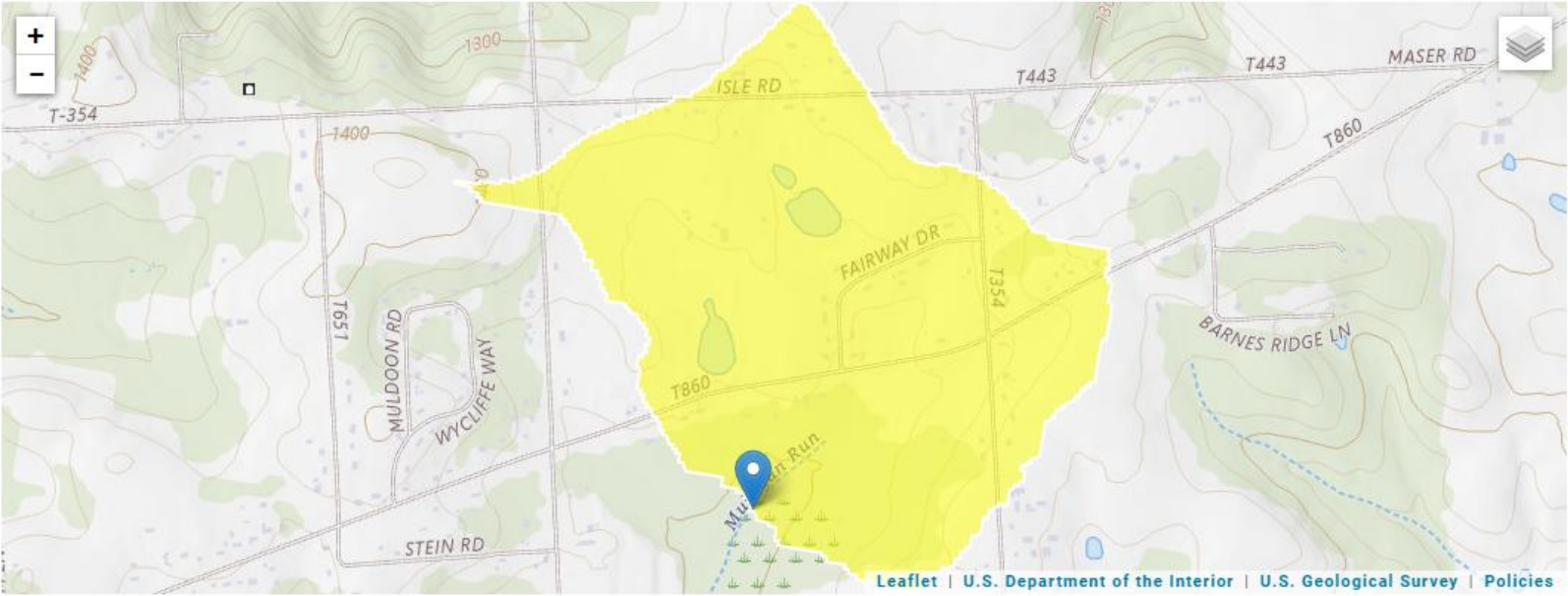
Attachment 2
Google Earth - Imagery



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



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> 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