Pennsylvania Department of Environmental Protection

Northwest Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0288977**
Wastewater Type	**Sewage**	APS ID	**1147523**
Facility Type	**SRSTP**	Authorization ID	**1544350**

NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP

Applicant, Facility and Project Information

Applicant Name	**Julia Grady**	Facility Name	**Julia Grady SRSTP**
Applicant Address	155 Stucky Road	Facility Address	155 Stucky Road
	Renfrew, PA 16053-9001		Renfrew, PA 16053-9001
Applicant Contact	Julia Grady	Facility Contact	
Applicant Phone	(724) 679-5203	Facility Phone	
Applicant Email	Jgrady2110@gmail.com		
Client ID	360609	Site ID	845621
SIC Code	4952,8800	Municipality	Forward Township
SIC Description	Private Households,Trans. & Utilities - Sewerage Systems	County	Butler
Date Application Received	October 5, 2025	WQM Required	No
Date Application Accepted	October 7, 2025	WQM App. No.	---

Project Description: NPDES Permit Renewal Application for a Single Residence Sewage Treatment Plant

Summary of Review

This is a NPDES Permit renewal application for an SRSTP consists of (WQM Permit No. 1021401): Two (2) 1,000-gallon septic tanks in series with a final effluent filter followed by Premier Tech EC7-C-G Coco Filter and UV radiation disinfection unit.

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 the Premier Tech EC7-C-G Coco filter unit.

There are no AMRs available on file. The septic tank was pumped in 2024.

Act 14 – Proof of Notification was submitted and received.

SPECTIAL CONDITIONS: NONE

The EPA waiver is in effect.

There are NO open violations in WMS for the subject Client ID (360609) as of October 7, 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		Aeshah Shameseldin Aeshah Shameseldin / Project Manager	October 7, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	October 8, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	.0005
Latitude	40º 47' 39.00"	Longitude	-79º 58' 47.00"
Quad Name	Butler	Quad Code	40079G8
Wastewater Description:	Sewage Effluent		

Receiving Waters	Unnamed Tributary to Connoquenessing Creek (WWF)	Stream Code	35100
NHD Com ID	126217431	RMI	0.3000
Drainage Area	0.35 square miles	Yield (cfs/mi^2)	0.006
Q_{7-10} Flow (cfs)	0.0021	Q_{7-10} Basis	Calculated
Elevation (ft)	1068	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)	7.0	Default
Temperature (°F)	77	Default
Hardness (mg/L)	100	Default
Other:		

Nearest Downstream Public Water Supply Intake	Pennsylvania American Water Company - Ellwood City		
PWS Waters	Connoquenessing Creek	Flow at Intake (cfs)	---
PWS RMI	0.2	Distance from Outfall (mi)	---

Changes Since Last Permit Issuance: None.

Other Comments: In accordance with the SOP, no water quality modeling was performed since this is an SRSTP.

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.

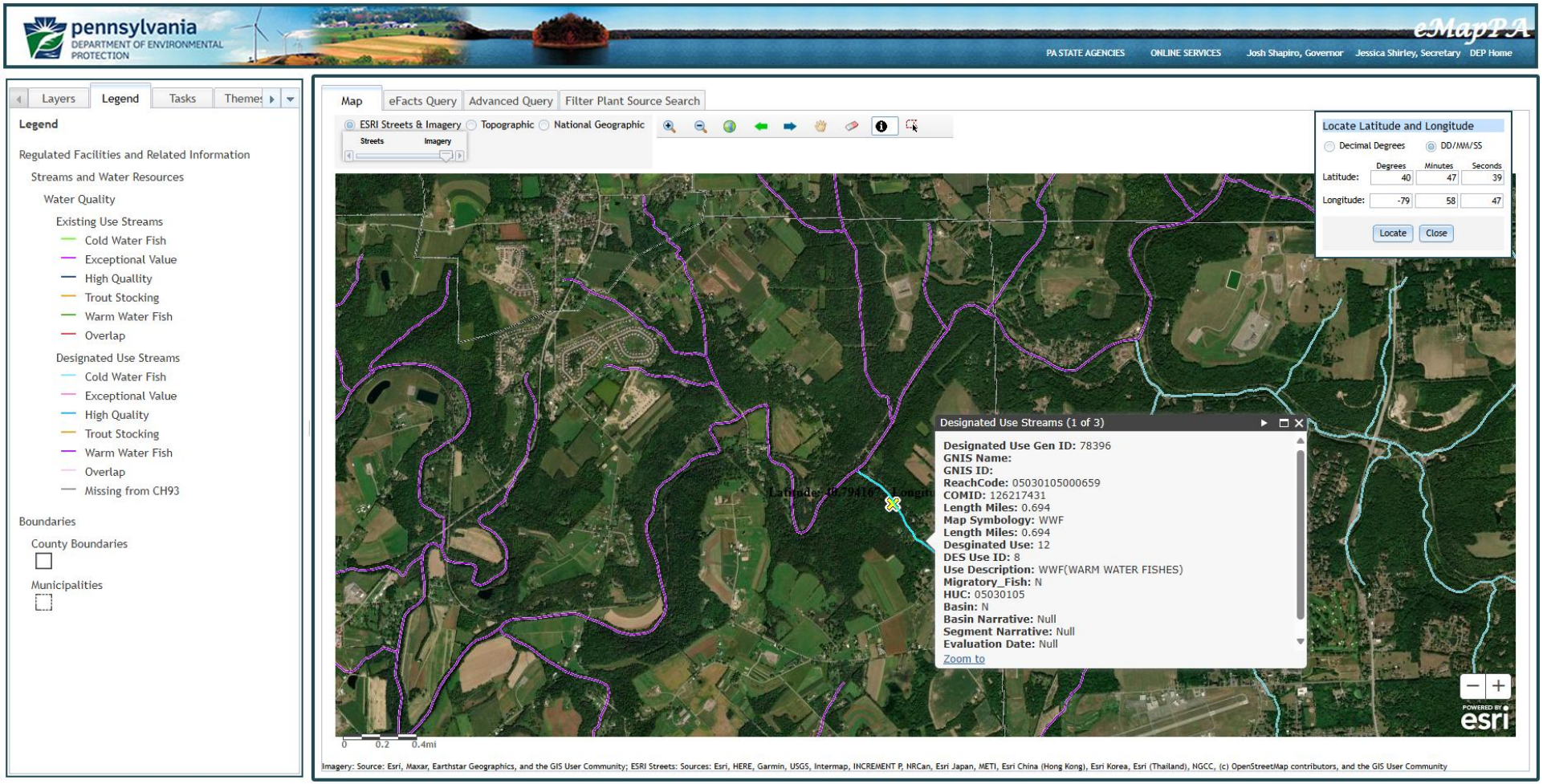
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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 are BPJ-based on the Department's "Small Flow Treatment Facilities Manual." Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

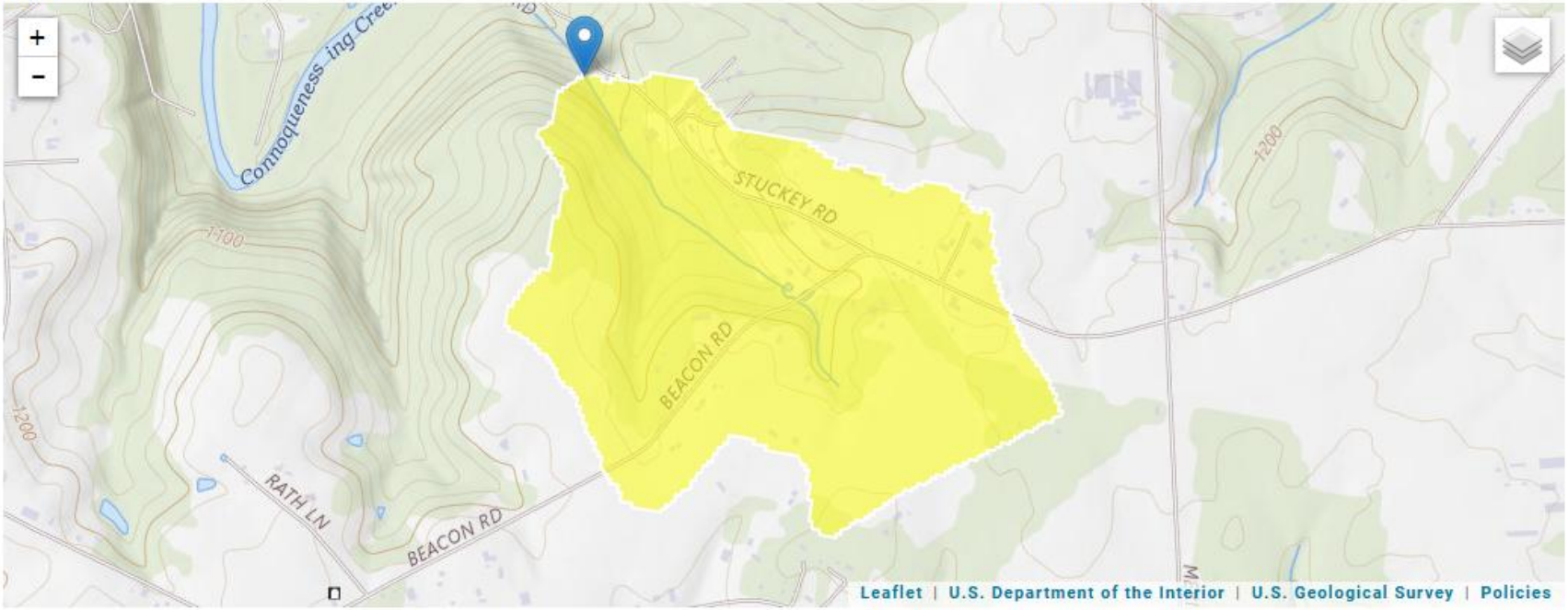
Outfall Location – eMap with Aerial Imagery



Drainage Area Location – StreamStats with Aerial Imagery

StreamStats Report

Region ID:	PA
Workspace ID:	PA20251007190012869000
Clicked Point (Latitude, Longitude):	40.79416, -79.97956
Time:	2025-10-07 15:00:40 -0400



Collapse All

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.35	square miles