

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0288110  
APS ID 1142033  
Authorization ID 1535037

**Applicant, Facility and Project Information**

Applicant Name	<u>Jack Kuhns</u>	Facility Name	<u>Jack Kuhns SRSTP</u>
Applicant Address	<u>111 Noah Lane</u> <u>Butler, PA 16001-8165</u>	Facility Address	<u>111 Noah Lane</u> <u>Butler, PA 16001</u>
Applicant Contact	<u>Jack Kuhns</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 822-8173</u>	Facility Phone	<u></u>
Client ID	<u>355187</u>	Site ID	<u>840283</u>
SIC Code	<u>8800</u>	Municipality	<u>Center Township</u>
SIC Description	<u>Private Households</u>	County	<u>Butler</u>
Date Application Received	<u>July 24, 2025</u>	WQM Required	<u>Previously issued - 1020403</u>
Date Application Accepted	<u>July 28, 2025</u>	WQM App. No.	<u></u>
Project Description	<u>Renewal for a Single residence sewage treatment plant.</u>		

**Summary of Review**

The permittee is applying for reissuance of Individual Permit **PA0288110** that would expire on May 31, 2025. This is a discharge into stream channel – Stony Run. The average daily flow is projected to be 400 GPD.

Act 14 notifications were submitted and received.

AMRs has been submitted and appears to be operational.

There are no open violations in WMS for the subject Client ID (**355187**) as of July 28, 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 28, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	August 1, 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° 56' 31.62"</u>	Longitude	<u>-79° 55' 13.29"</u>
Quad Name	<u>Mount Chestnut</u>	Quad Code	<u>40079H8</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Stony Run (WWF)</u>	Stream Code	<u>35275</u>
NHD Com ID	<u>126220993</u>	RMI	<u>0.4600</u>
Drainage Area	<u>2.74</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.0108</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.0296</u>	Q <sub>7-10</sub> Basis	<u>USGS Stream Stats</u>
Elevation (ft)	<u></u>	Slope (ft/ft)	<u>-----</u>
Watershed No.	<u>20-C</u>	Chapter 93 Class.	<u>WWF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u>---</u>	Exceptions to Criteria	<u>---</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7</u>	Default	<u></u>
Temperature (°F)	<u>25</u>	Default - WWF	<u></u>
Hardness (mg/L)	<u>100</u>	Default	<u></u>
Other:	<u>---</u>	----	<u></u>
Nearest Downstream Public Water Supply Intake	<u>Pennsylvania American Water Company - Ellwood City</u>		
PWS Waters	<u>Slippery Rock Creek</u>	Flow at Intake (cfs)	<u>53.1</u>
PWS RMI	<u>0.1</u>	Distance from Outfall (mi)	<u>55.53</u>

Changes Since Last Permit Issuance: N/A

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 Premier Tech EC7-C-P Coco Filter unit.

**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.

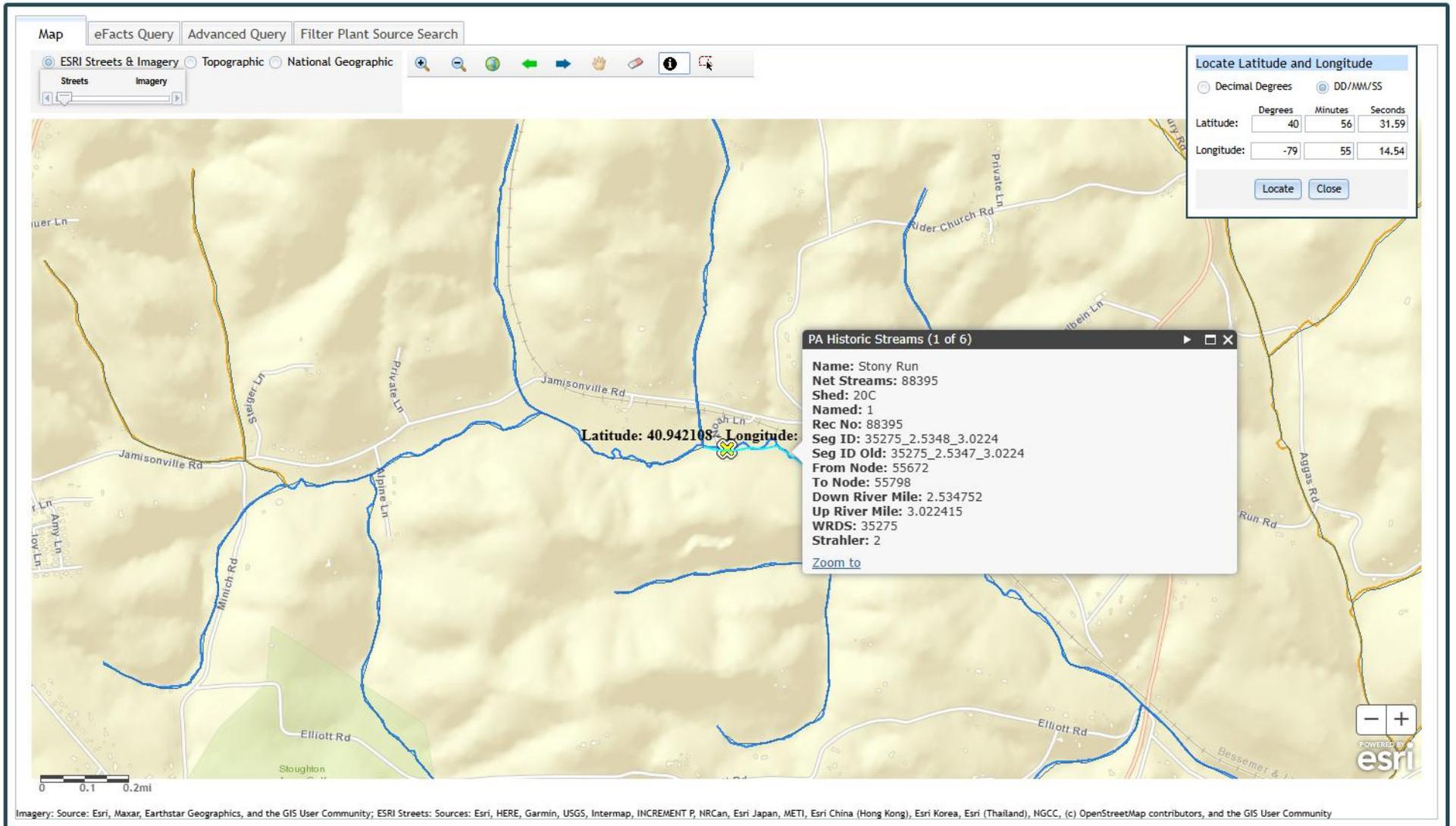
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> 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 Daily Min	XXX	9.0 Daily Max	XXX	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 CBOD5, Total Suspended Solids are BPJ-based on the Department’s “Small Flow Treatment Facilities Manual.” Fecal Coliform are technology-based on Chapter 92a.47.

Attachment 1  
eMAP – Receiving Streams Information



Attachment 2  
Google Earth – Site Imagery

