

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0263923
APS ID 1122507
Authorization ID 1501000

Applicant, Facility and Project Information

Applicant Name	<u>Brian Alter</u>	Facility Name	<u>Brian Alter SRSTP</u>
Applicant Address	<u>319 Hannahstown Road</u> <u>Cabot, PA 16023</u>	Facility Address	<u>319 Hannahstown Road</u> <u>Cabot, PA 16023</u>
Applicant Contact	<u>Brian Alter</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 882-5724</u>	Facility Phone	<u>(724) 882-5724</u>
Client ID	<u>290766</u>	Site ID	<u>751950</u>
SIC Code	<u>4952,8811</u>	Municipality	<u>Jefferson Township</u>
SIC Description	<u>Services - Private Households, Trans. & Utilities - Sewerage Systems</u>	County	<u>Butler</u>
Date Application Received	<u>September 27, 2024</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>NPDES Renewal for a Single Residence Sewage Treatment Plant (SRSTP).</u>		

Summary of Review

Existing treatment consists of a septic tank, peat filter, and UV disinfection.

There are currently no open violations for this client (290766) as of 6/9/2025.

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		Jordan A. Frey, E.I.T. Jordan A. Frey, E.I.T. / Project Manager	June 9, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	June 10, 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>.0008</u>
Latitude	<u>40° 46' 16.47"</u>	Longitude	<u>-79° 47' 54.86"</u>
Quad Name	<u>Saxonburg</u>	Quad Code	<u>40079G7</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Sarver Run (HQ-TSF)</u>	Stream Code	<u>4576</u>
NHD Com ID	<u>123973214</u>	RMI	<u></u>
Drainage Area	<u>0.05</u>	Yield (cfs/mi ²)	<u>0.1</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.005</u>	Q ₇₋₁₀ Basis	<u>Default</u>
Elevation (ft)	<u>1296</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>18-F</u>	Chapter 93 Class.	<u>HQ-TSF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>CAUSE UNKNOWN</u>		
Source(s) of Impairment	<u>SOURCE UNKNOWN</u>		
TMDL Status	<u></u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7.0</u>	Default	<u></u>
Temperature (°F)	<u>20</u>	Default	<u></u>
Hardness (mg/L)	<u>100</u>	Default	<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>Harrison Township Water Authority</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>22250</u>
PWS RMI	<u>24.2</u>	Distance from Outfall (mi)	<u>>25</u>

Changes Since Last Permit Issuance: None.

Other Comments:

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.

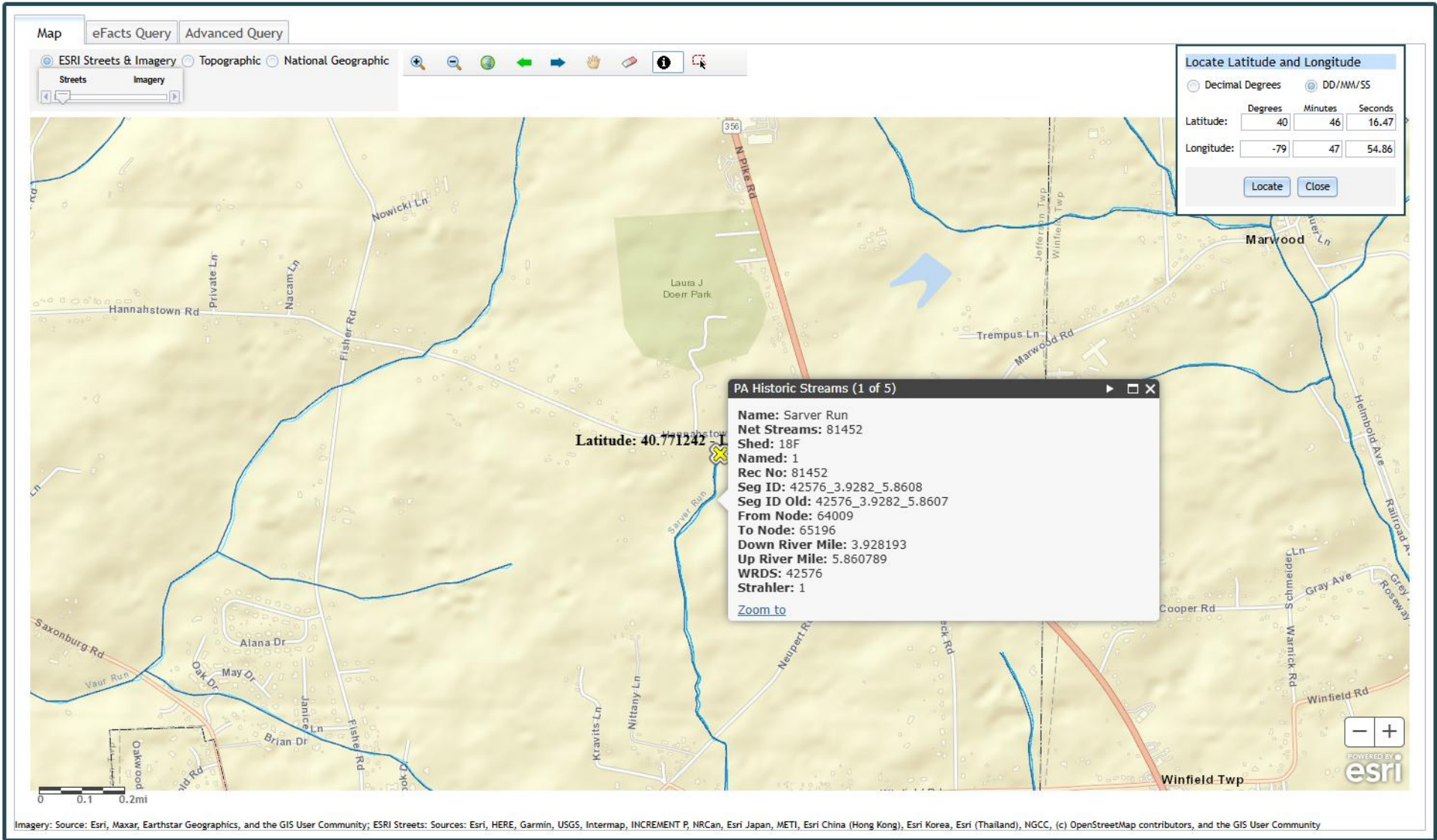
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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 (MGD)	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	1/month	Grab
BOD ₅	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	1000	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 and Total Suspended Solids are BPJ limits based on the Small Flow Treatment Facilities Manual. Fecal Coliform is technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

Attachment 1
eMap – Location Map



Attachment 2
Google Earth Imagery

