

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0287865  
APS ID 1132997  
Authorization ID 1519419

### Applicant, Facility and Project Information

Applicant Name <u>David J Byler</u>	Facility Name <u>J David Byler SRSTP</u>
Applicant Address <u>1668 Route 410</u>	Facility Address <u>1668 Route 410</u>
<u>Punxsutawney, PA 15767-8726</u>	<u>Punxsutawney, PA 15767</u>
Applicant Contact <u>J Byler</u>	Facility Contact <u></u>
Applicant Phone <u>(814) 377-0134</u>	Facility Phone <u></u>
Client ID <u>353359</u>	Site ID <u>838233</u>
SIC Code <u>8800</u>	Municipality <u>Henderson Township</u>
SIC Description <u>Private Households</u>	County <u>Jefferson</u>
Date Application Received <u>March 12, 2025</u>	WQM Required <u>Previously issued - 3319401</u>
Date Application Accepted <u></u>	WQM App. No. <u></u>
Project Description <u>Renewal of a Single Resident Sewage Treatment Plant (SRSTP)</u>	

### Summary of Review

The permittee is applying for reissuance of Individual Permit No. PA0287865 that expired on January 31, 2025. The existing discharge serves a single home and discharges into Tributary 47993 to East Branch Mahoning Creek (HQ-CWF).

The existing facility consists of (WQM Permit No. 3319401): A 500-gallon dual compartment septic tank with a Zabel A300 effluent filter, a Premier Tech EC7-500-C Coco filter, a Norweco LF 1000 chlorinator, a 300-gallon contact tank, a Norweco LF 1000 de-chlorinator.

Act 14 notifications were submitted and received.

There are no open violations in WMS for the subject Client ID (353359) as of April 2, 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		Carlee Wilson Carlee Wilson / Environmental Engineering Trainee	March 19, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	April 7, 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	40° 59' 26.84"	Longitude	-78° 49' 22.79"
Quad Name	-	Quad Code	-
Wastewater Description:		Sewage Effluent	
Receiving Waters	Unnamed Tributary to East Branch Mahoning Creek (HQ-CWF)	Stream Code	47993
NHD Com ID	123861809	RMI	0.7600
Drainage Area	0.19	Yield (cfs/mi <sup>2</sup> )	-
Q <sub>7-10</sub> Flow (cfs)	0.00626	Q <sub>7-10</sub> Basis	USGS- StreamStats
Elevation (ft)	-	Slope (ft/ft)	-
Watershed No.	17-D	Chapter 93 Class.	HQ-CWF
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	Final	Name	East Branch Mahoning Creek
Background/Ambient Data		Data Source	
pH (SU)	-		-
Temperature (°F)	-		-
Hardness (mg/L)	-		-
Other:	-		-
Nearest Downstream Public Water Supply Intake	-		
PWS Waters	-	Flow at Intake (cfs)	-
PWS RMI	-	Distance from Outfall (mi)	-

Changes Since Last Permit Issuance: N/A

Other Comments: This SFTF was designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General due to the use of a Premier Tech EC7-500-C Coco filter and the High Quality (HQ) stream designation.

**Proposed Effluent Limitations and Monitoring Requirements**

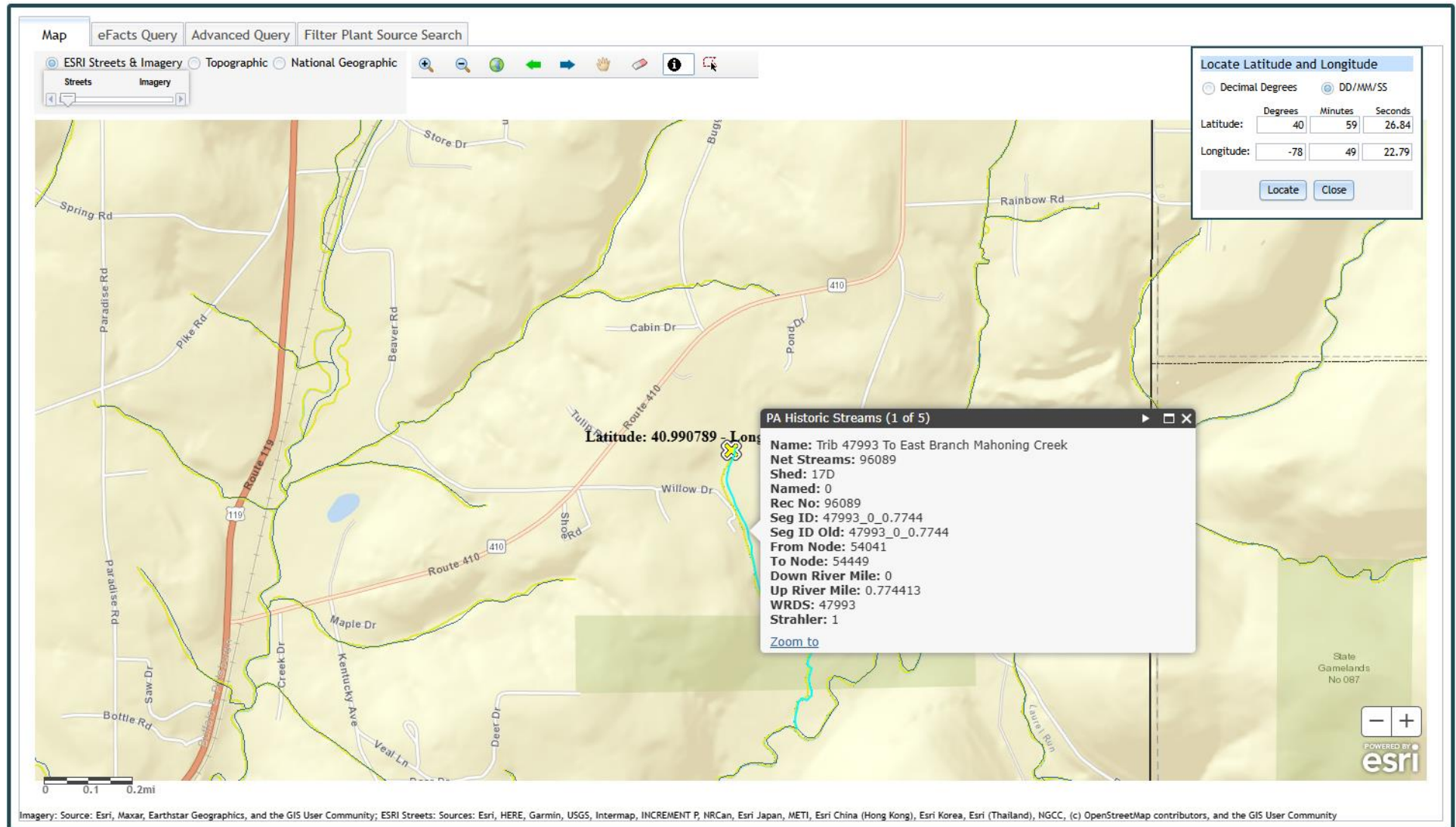
The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). 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 Inst Min	XXX	XXX	9.0	1/month	Grab
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001 – after disinfection

Attachment 1  
eMapPA – Receiving Stream Location and Data



Attachment 2  
Google Earth – Aerial Site View

