

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0288926
APS ID 1154124
Authorization ID 1555398

Applicant, Facility and Project Information

Applicant Name	<u>Gary Twichel</u>	Facility Name	<u>Gary Twichel SRSTP</u>
Applicant Address	<u>11000 Ivarea Road</u> <u>Albion, PA 16401-8940</u>	Facility Address	<u>11000 Ivarea Road</u> <u>Albion, PA 16401-8940</u>
Applicant Contact	<u>Gary Twichel</u>	Facility Contact	<u>Gary Twichel</u>
Applicant Phone	<u>(814) 392-7754</u>	Facility Phone	<u>(814) 392-7754</u>
Client ID	<u>360380</u>	Site ID	<u>844510</u>
SIC Code	<u>8800</u>	Municipality	<u>Elk Creek Township</u>
SIC Description	<u>Private Households</u>	County	<u>Erie</u>
Date Application Received	<u>January 15, 2026</u>	WQM Required	<u>Previously issued - 2521406</u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>Renewal application for a Single Resident Sewage Treatment Plant (SRSTP)</u>		

Summary of Review

The permittee is applying for reissuance of Individual Permit No. PA0288926 that would expire on May 31, 2026. The existing discharge serves a single home and discharges into Tributary 62543 to Little Elk Creek.

The existing facility consists of (WQM Permit No. 2521406): An existing 1,000-gallon septic tank followed by a Premier Tech EC7-500-G/P Coco Filter unit with integrated DiUV unit.

Act 14 notifications were submitted and received.

One AMR was submitted in 2023. BOD5 result was high. Tanks were pumped out in June 2023.

There are no open violations in WMS for the subject Client ID (360380) as of January 20, 2026.

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 Specialist	January 20, 2026
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	January 22, 2026

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>41° 53' 9.98"</u>	Longitude	<u>-80° 16' 11.86"</u>
Quad Name	<u>Albion</u>	Quad Code	<u>41080H3</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Little Elk Creek (CWF, MF)</u>	Stream Code	<u>62543</u>
NHD Com ID	<u>123919643</u>	RMI	<u>0.5200</u>
Drainage Area	<u>-</u>	Yield (cfs/mi ²)	<u>-</u>
Q ₇₋₁₀ Flow (cfs)	<u>-</u>	Q ₇₋₁₀ Basis	<u>-</u>
Elevation (ft)	<u>-</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>CWF, MF</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>
Nearest Downstream Public Water Supply Intake	<u>Erie Water Works</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u>N/A</u>
PWS RMI	<u>N/A</u>	Distance from Outfall (mi)	<u>17.8</u>

Comments:

In accordance with the SOP, no water quality modeling was performed since this is a SRSTP.

This SFTF was designed where applicable in accordance with the SFTF Manual, but it does not qualify for coverage under the PAG-04 General Permit due to the use of a Premier Tech EC7 Unit.

Proposed Effluent Limitations and Monitoring Requirements

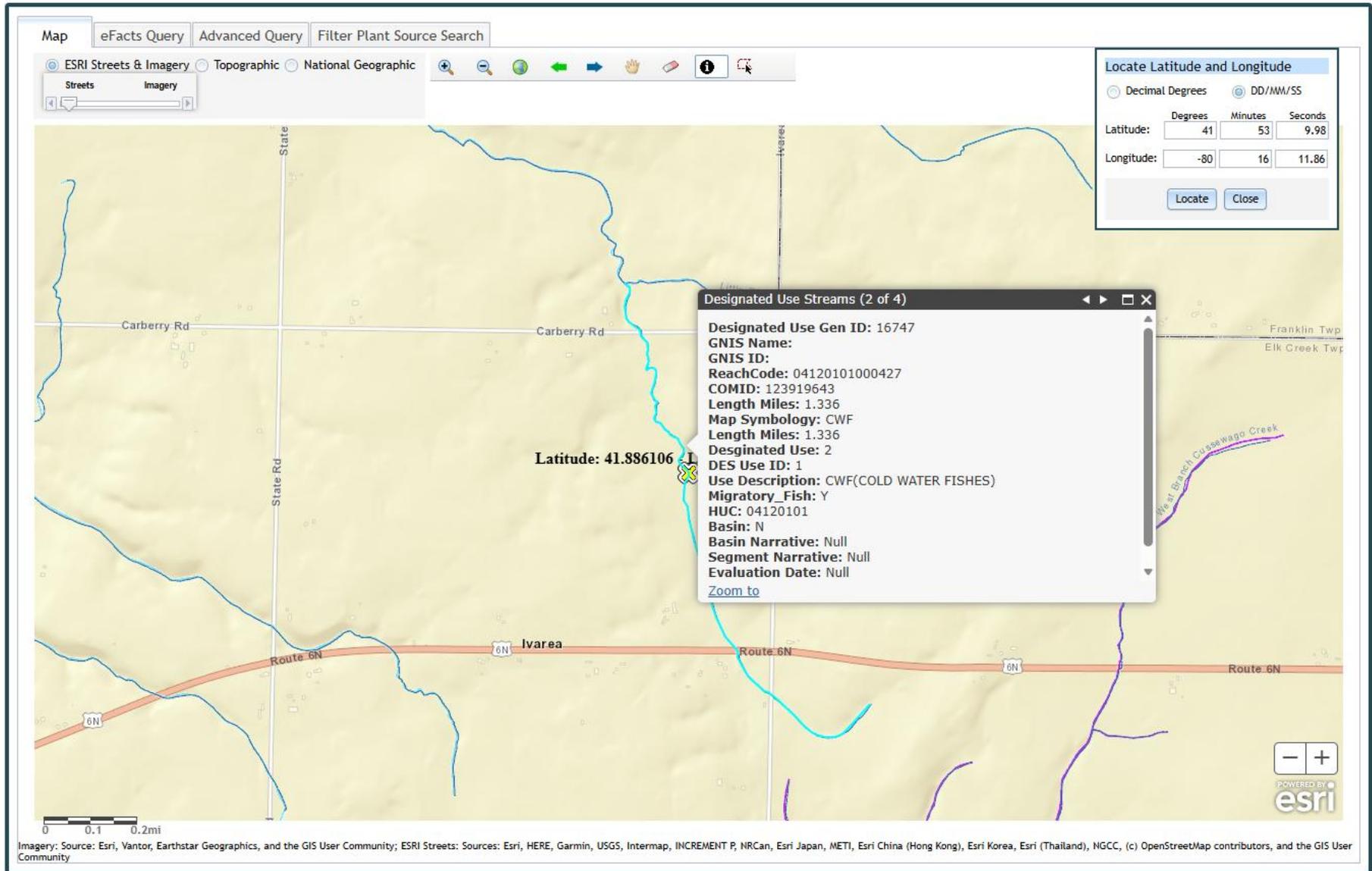
The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). 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) ⁽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	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: Effluent limits were retained from the previous permit cycle. Flow is monitor only based on Chapter 92a.61. The limits for BOD₅, Total Suspended Solids, and Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

Attachment 1
eMapPA – Receiving Stream Designation



Attachment 2
Google Earth – Aerial Site View

