



Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. **PA0288675**  
APS ID **1147208**  
Authorization ID **1543786**

**Applicant, Facility and Project Information**

Applicant Name	<b>Aaron Knight</b>	Facility Name	<b>Aaron Knight SRSTP</b>
Applicant Address	11197 Damsite Road	Facility Address	11197 Damsite Road
	North East, PA 16428-5223		North East, PA 16428-5223
Applicant Contact	<b>Aaron Knight</b>	Facility Contact	<b>Aaron Knight</b>
Applicant Phone	<u>(814) 566-3076</u>	Facility Phone	<u>(814) 566-3076</u>
Client ID	<u>357840</u>	Site ID	<u>842074</u>
SIC Code	<u>8800</u>	Municipality	<u>North East Township</u>
SIC Description	<u>Private Households</u>	County	<u>Erie</u>
Date Application Received	<u>September 29, 2025</u>	WQM Required	<u>Previously issued - 2520419</u>
Date Application Accepted		WQM App. No.	<u>--</u>
Project Description	<u>Renewal application for Single Resident Sewage Treatment Plant</u>		

**Summary of Review**

The permittee is applying for reissuance of Individual Permit No. PA0288675 that would expire on October 31, 2025. The existing discharge serves a 3-bedroom home and discharges into Tributary 62292 of Sixteenmile Creek.

The existing facility consists of (WQM Permit No. 2520419): a 1,000-gallon dual chambered concrete septic tank followed by a Premier Tech EC7 Coco Filter unit with integrated UV unity and pump preinstalled

Act 14 notifications were submitted and received.

No AMRs were located.

There are no open violations in WMS for the subject Client ID (357840) 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		Carlee Wilson Carlee Wilson / Environmental Engineering Trainee	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)	.0004
Latitude	42° 10' 15.90"	Longitude	-79° 49' 14.24"
Quad Name	-	Quad Code	-
Wastewater Description:	Sewage Effluent		
Receiving Waters	Unnamed Tributary to Sixteenmile Creek (CWF, MF)	Stream Code	62292
NHD Com ID	123924584	RMI	0.3200
Drainage Area	0.41	Yield (cfs/mi <sup>2</sup> )	0.047
Q <sub>7-10</sub> Flow (cfs)	0.0194	Q <sub>7-10</sub> Basis	USGS StreamStats
Elevation (ft)	-	Slope (ft/ft)	-
Watershed No.	15-A	Chapter 93 Class.	CWF, MF
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)	-	-	
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: None

Other 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 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.

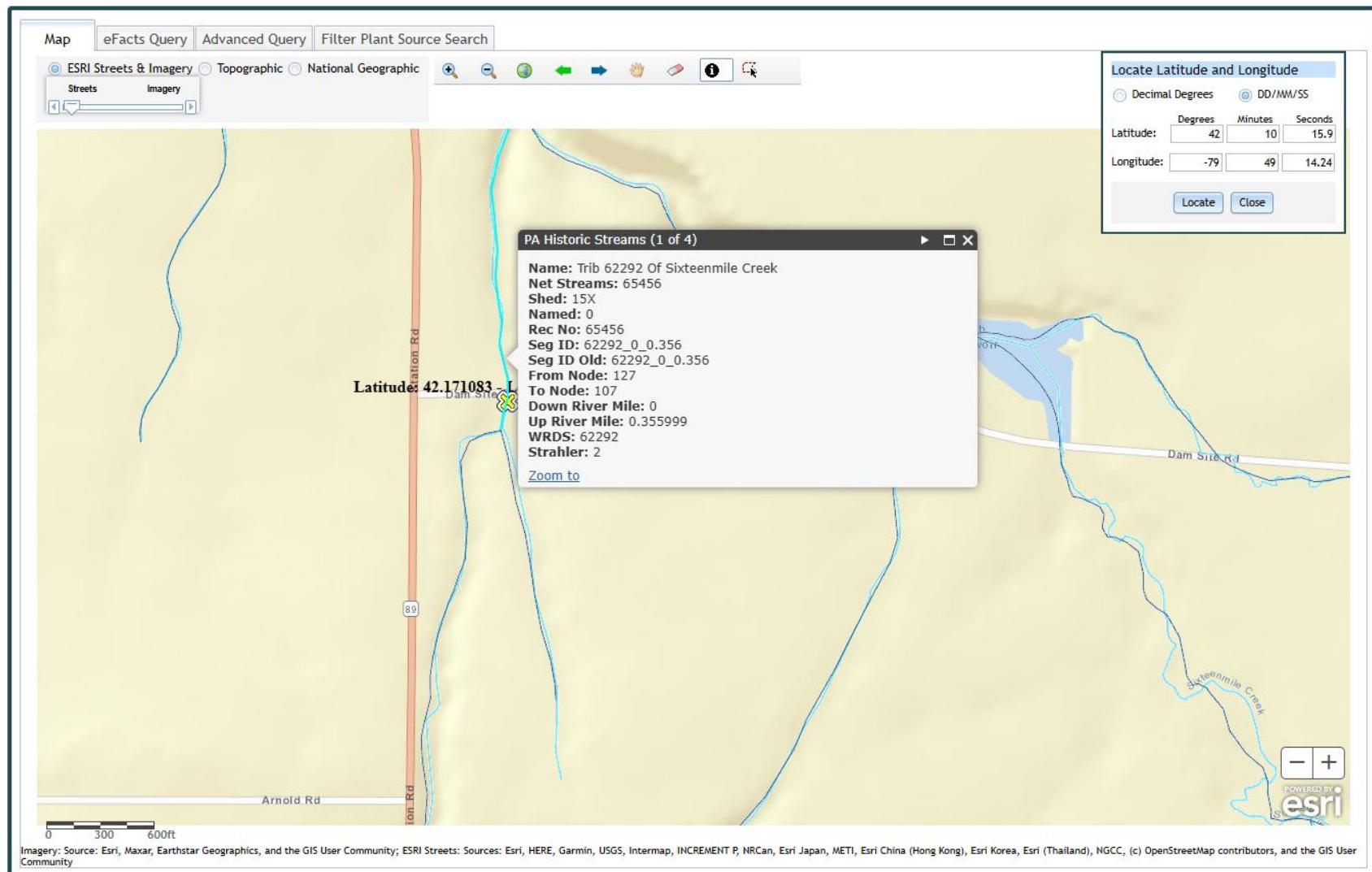
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

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	XXX	1/year
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Upon Request	Grab
BOD <sub>5</sub>	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: Effluent limits were retained from the previous permit cycle. Flow is monitor only based on Chapter 92a.61. The limits for BOD<sub>5</sub>, 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 Location and Data



**Attachment 2**  
**Google Earth – Aerial Site View**

