

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0272299  
APS ID 1138789  
Authorization ID 1529713

### Applicant, Facility and Project Information

Applicant Name <u>David &amp; Kylie Beck</u>	Facility Name <u>David &amp; Kylie Beck SRSTP</u>
Applicant Address <u>5895 Crane Road</u> <u>Edinboro, PA 16412-3925</u>	Facility Address <u>5895 Crane Road</u> <u>Edinboro, PA 16412</u>
Applicant Contact <u>David Beck</u>	Facility Contact _____
Applicant Phone <u>(412) 925-7830</u>	Facility Phone _____
Client ID <u>370990</u>	Site ID <u>835471</u>
SIC Code <u>4952,8800</u>	Municipality <u>Franklin Township</u>
SIC Description <u>Private Households, Trans. &amp; Utilities - Sewerage Systems</u>	County <u>Erie</u>
Date Application Received <u>June 5, 2025</u>	WQM Required <u>Previously issued - 2519414</u>
Date Application Accepted <u>June 9, 2025</u>	WQM App. No. _____
Project Description <u>Renewal for a Single residence sewage treatment plant</u>	

### Summary of Review

The permittee is applying for reissuance of individual permit PA0272299 that would expire on August 8, 2024 . The discharge channel is Shenango Creek. The average daily flow is projected to be 400 GPD.

Act 14 notifications were submitted and received.

The existing facility of (WQM Permit No. **1025403**) issued on August 1, 2022, consist of: 1000-gallon dual chamber septic tank with an effluent filter, ECOFLO EC7-500 Coco Filter with an effluent pump, and UV radiation disinfection.

AMR was submitted and appears to be in operation.

There are no open violations in WMS for the subject Client ID (370990) as of June 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		Adebayo Olude Adebayo Olude / Civil Engineer Trainee	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>.0004</u>
Latitude	<u>41° 54' 6.25"</u>	Longitude	<u>-80° 9' 22.40"</u>
Quad Name	<u>Edinboro North</u>	Quad Code	<u>41080H2</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Shenango Creek (WWF)</u>	Stream Code	<u>53063</u>
NHD Com ID	<u>127347718</u>	RMI	<u>0.6600</u>
Drainage Area	<u>0.14</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.0355</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.00497</u>	Q <sub>7-10</sub> Basis	<u>USGS Stream Stats</u>
Elevation (ft)	<u>1348</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>16-A</u>	Chapter 93 Class.	<u>WWF</u>
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status		Name	
Background/Ambient Data		Data Source	
pH (SU)	<u>7</u>	Default	
Temperature (°F)	<u>25</u>	Default	
Hardness (mg/L)	<u>100</u>	Default	
Other:	<u>----</u>	-----	
Nearest Downstream Public Water Supply Intake	<u>Aqua Pennsylvania, Inc. - Emlenton</u>		
PWS Waters	<u>Allegheny River</u>	Flow at Intake (cfs)	<u>1,376</u>
PWS RMI	<u>90.0</u>	Distance from Outfall (mi)	<u>92.85</u>

Changes Since Last Permit Issuance: N/A

Other Comments: The stream flow is the minimum controlled release upstream in Franklin. With the small flow advanced treatment requirements, no public water supply or other downstream impairments are expected.

**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.

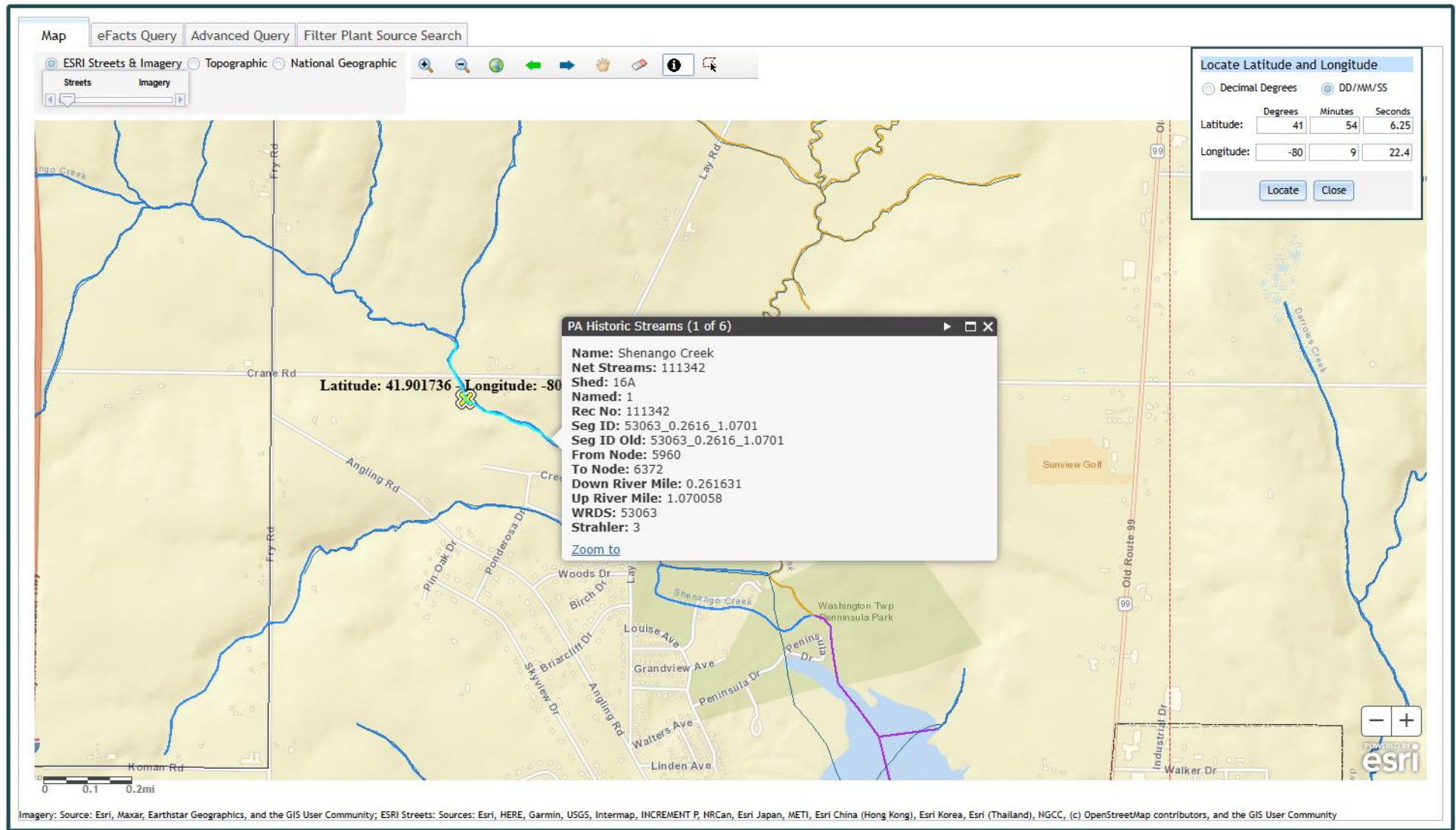
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

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 (MGD)	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	20.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	1000	1/year	Grab

Compliance Sampling Location: Outfall 001

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 - Imagery

