

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0271969
APS ID 1109751
Authorization ID 1477379

Applicant, Facility and Project Information

Applicant Name <u>Steven Bugajski</u>	Facility Name <u>Steven Bugajski SRSTP</u>
Applicant Address <u>2277 Lindale Court</u> <u>North Huntingdon, PA 15642-8728</u>	Facility Address <u>515 Smittys Road</u> <u>Tidioute, PA 16351</u>
Applicant Contact <u>Steven Bugajski</u>	Facility Contact _____
Applicant Phone <u>(412) 600-0685</u>	Facility Phone _____
Client ID <u>347097</u>	Site ID <u>832050</u>
SIC Code <u>8800</u>	Municipality <u>Deerfield Township</u>
SIC Description <u>Private Households</u>	County <u>Warren</u>
Date Application Received <u>February 15, 2024</u>	WQM Required <u>Permit Received</u>
Date Application Accepted <u>March 28, 2024</u>	WQM App. No. _____
Project Description <u>This is a renewal application for a Single Residence Sewage Treatment Plant (SRSTP) which serves an existing 3-bedroom home.</u>	

Summary of Review

This is an existing discharge which serves an existing 3-bedroom home. AMR's have been submitted and the facility appears to be operating as designed.

Act 14 – Notifications were submitted and received.

Treatment at the existing facility consists of (WQM Permit No. 6219401): A 1,500-gallon dual compartment septic tank with a Zabel A300 effluent filter, a Premier Tech PSA-240L pump station with a 1/3 HP lift pump, and a Premier Tech EC7-500 coco filter with an integrated Premier Tech Ultraviolet (UV) light disinfection unit.

There are no open violations in WMS for the subject Client ID (347097) as of 1/6/25.

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		Dustin Hargenrater Dustin Hargenrater / Civil Engineer (General)	January 6, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	January 6, 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	41° 44' 57.65"	Longitude	-79° 18' 38.56"
Quad Name	Cobham	Quad Code	41079F3
Wastewater Description:		Sewage Effluent	
Receiving Waters	Allegheny River (WWF)	Stream Code	42122
NHD Com ID	100468101	RMI	0.2400
Drainage Area	0.1	Yield (cfs/mi²)	.01
Q7-10 Flow (cfs)	0.001	Q7-10 Basis	USGS - StreamStats
Elevation (ft)	1,130	Slope (ft/ft)	--
Watershed No.	16-F	Chapter 93 Class.	WWF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired		
Cause(s) of Impairment	MERCURY, MERCURY		
Source(s) of Impairment	SOURCE UNKNOWN, SOURCE UNKNOWN		
TMDL Status		Name	
Background/Ambient Data		Data Source	
pH (SU)	7.0	Default	
Temperature (°F)	68	Default	
Hardness (mg/L)	100	Default	
Other:			
Nearest Downstream Public Water Supply Intake	Aqua Pennsylvania Inc. - Emlenton		
PWS Waters	Allegheny River	Flow at Intake (cfs)	1,376
PWS RMI	90.0	Distance from Outfall (mi)	85.3

Changes Since Last Permit Issuance: No changes since last permit issuance.

Other Comments: This facility discharges to a dry stream channel that runs along the riverbank and discharges to the Allegheny River shortly after the water is discharged from the facility.

This facility is not eligible for coverage under the PAG-04 General Permit due to the use of the Premier Tech EC7-500 system.

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.

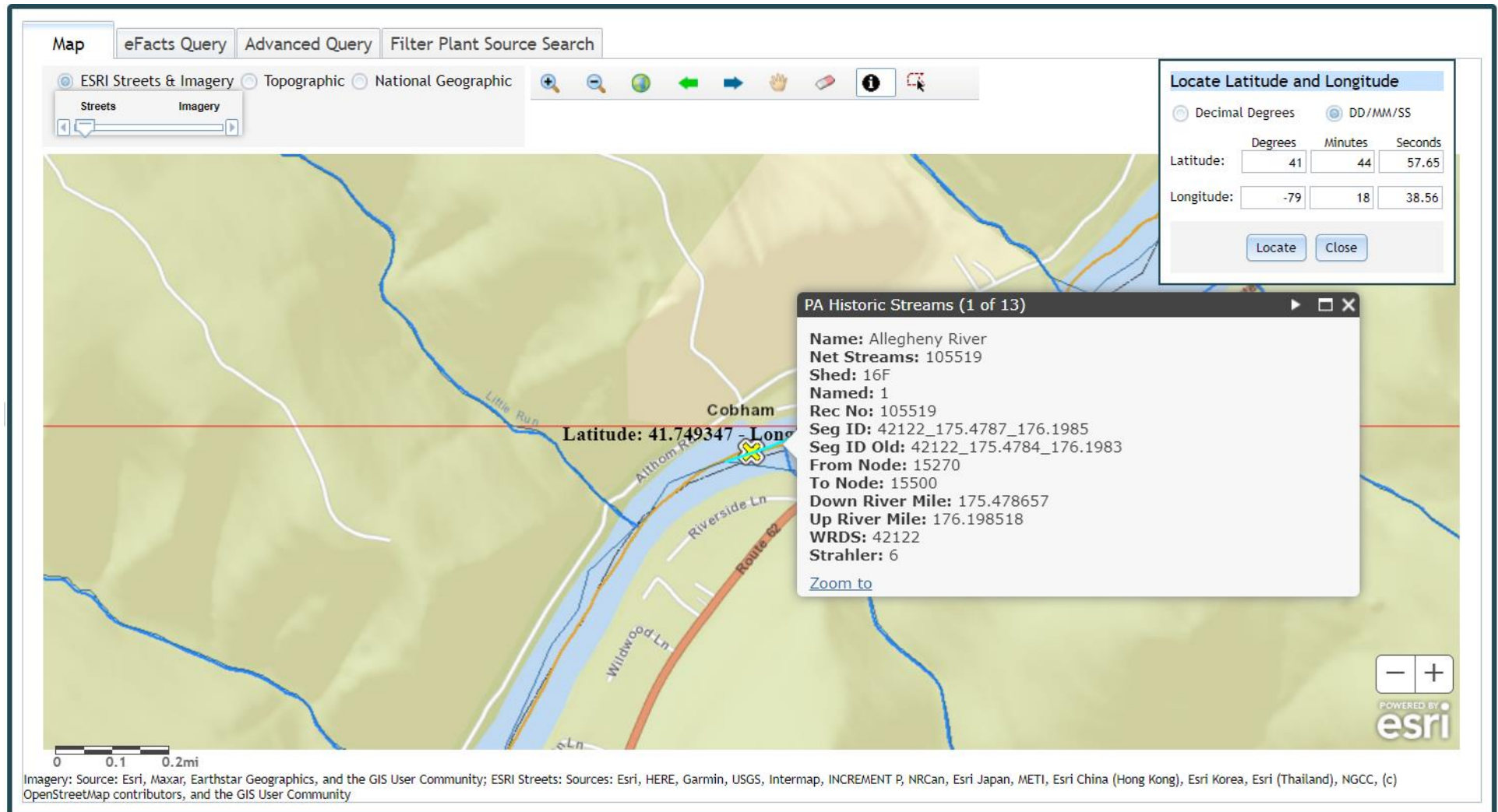
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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	Daily Maximum	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
CBOD5	XXX	XXX	XXX	10.0 Annl Avg	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: 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
eMap – Location and Receiving Stream Data



Attachment 2
Google Earth – Aerial Site Imagery

