

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0097730
APS ID 1114168
Authorization ID 1485889

Applicant, Facility and Project Information

Applicant Name	<u>Charles A Kost</u>	Facility Name	<u>Charles Kost SRSTP</u>
Applicant Address	329 Beagle Club Road	Facility Address	329 Beagle Club Road
Applicant Contact	Charles Kost	Facility Contact	
Applicant Phone	<u>(724) 543-9152</u>	Facility Phone	
Client ID	<u>310817</u>	Site ID	<u>197</u>
SIC Code	<u>4952,8800</u>	Municipality	<u>Sugarcreek Township</u>
SIC Description	Private Households, Trans. & Utilities - Sewerage Systems	County	<u>Armstrong</u>
Date Application Received	<u>May 1, 2024</u>	WQM Required	<u>No – Permit Received</u>
Date Application Accepted		WQM App. No.	
Project Description	This is a renewal for a Single Residence Sewage Treatment Plant (SRSTP) which serves an existing 3-bedroom home.		

Summary of Review

This is an existing SRSTP which serves a single residence 3-bedroom home.

Treatment at the existing facility consists of (WQM Permit No. 0387401): A 1,000-gallon septic tank to a 500-gallon dosing tank to 352 sq. ft. underground sand filter to erosion chlorinator to 350-gallon chlorine contact tank.

This SRSTP is not eligible for coverage under the PAG-04 General Permit due to concerns of the sand filter being undersized. This facility was originally permitted in May of 1987 which predates the SFTF Manual and therefore is not designed in accordance with the SFTF Manual.

There are no open violations in WMS for the subject Client ID (310817) as of 4/4/25.

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 / Project Manager	April 4, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	April 4, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.00035
Latitude	40° 55' 18.16"	Longitude	-79° 35' 36.73"
Quad Name	East Brady	Quad Code	40079H5
Wastewater Description:	Sewage Effluent		
Receiving Waters	Huling Run (TSF)	Stream Code	49013
NHD Com ID	123857564	RMI	0.3300
Drainage Area	0.82	Yield (cfs/mi ²)	0.03
Q ₇₋₁₀ Flow (cfs)	0.0246	Q ₇₋₁₀ Basis	USGS - StreamStats
Elevation (ft)	1290	Slope (ft/ft)	---
Watershed No.	17-C	Chapter 93 Class.	TSF
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)	7.0	Default	
Temperature (°F)	60	Default	
Hardness (mg/L)	100	Default	
Other:			
Nearest Downstream Public Water Supply Intake		Kitanning Suburban	
PWS Waters	Allegheny River	Flow at Intake (cfs)	N/A
PWS RMI	48.2	Distance from Outfall (mi)	48.75

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

Other Comments: This facility predates the SFTF Manual so the design for the system is not in accordance with the SFTF Manual.

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 (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	XXX	1/year
pH (S.U.)	XXX	XXX	6.0 Daily Min	XXX	9.0 Daily Max	XXX	Upon Request	Grab
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
CBOD5	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	1000	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

Map eFacts Query Advanced Query Filter Plant Source Search

ESRI Streets & Imagery Topographic National Geographic Streets Imagery

Locate Latitude and Longitude

Decimal Degrees DD/MM/SS

Latitude: 40 55 18

Longitude: -79 35 38

Locate Close

PA Historic Streams (1 of 6)

Name: Trib 49013 To Huling Run
Net Streams: 98297
Shed: 17C
Named: 0
Rec No: 98297
Seg ID: 49013_0_0.4438
Seg ID Old: 49013_0_0.4438
From Node: 56910
To Node: 56689
Down River Mile: 0
Up River Mile: 0.443772
WRDS: 49013
Strahler: 2

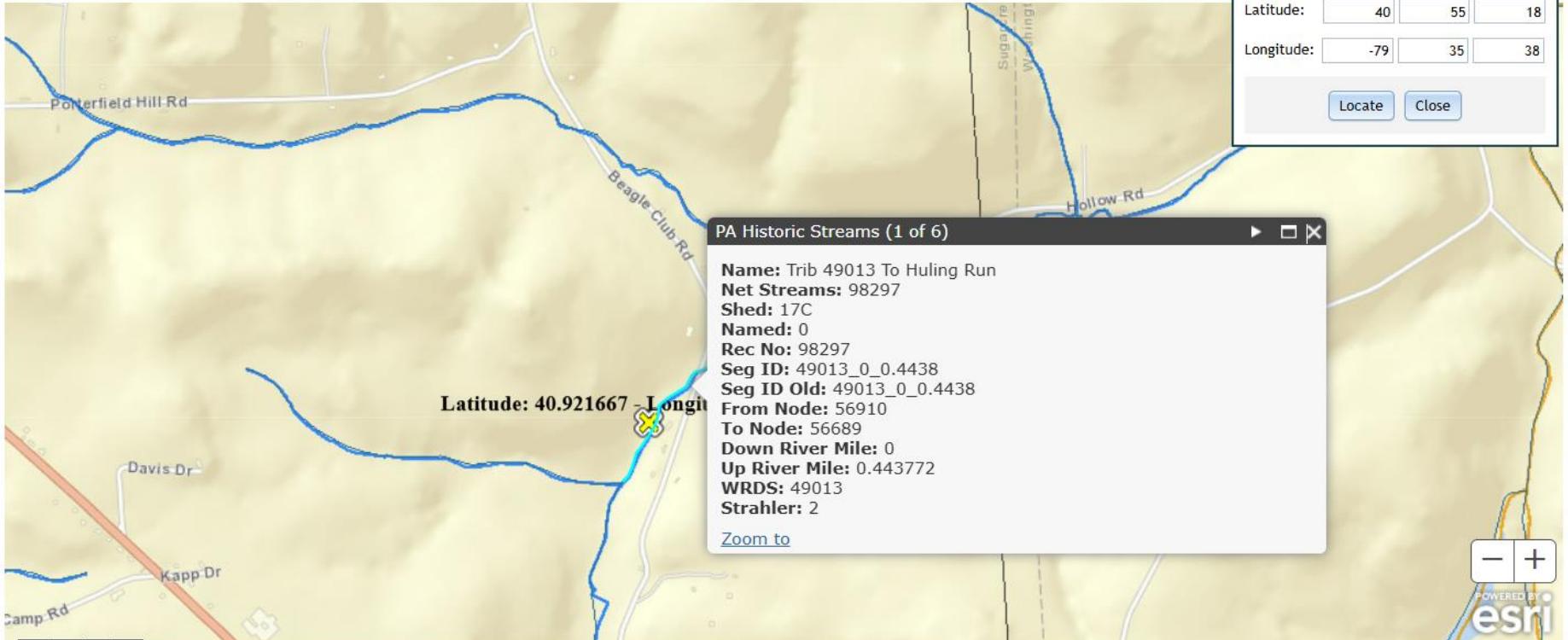
Zoom to

Latitude: 40.921667 Longitude: -79.3538

0 0.1 0.2 mi

Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community; ESRI Streets: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

POWERED BY esri



Attachment 2
Google Earth – Aerial Site Imagery

