

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0272442  
APS ID 1125425  
Authorization ID 1505957

### Applicant, Facility and Project Information

Applicant Name	<u>Kirk Foust</u>	Facility Name	<u>Kirk Foust SRSTP</u>
Applicant Address	<u>863 Preston Road</u> <u>Warren, PA 16365-5441</u>	Facility Address	<u>863 Preston Road</u> <u>Warren, PA 16365</u>
Applicant Contact	<u>Kirk Foust</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 688-3022</u>	Facility Phone	<u></u>
Client ID	<u>389274</u>	Site ID	<u>836296</u>
SIC Code	<u>4952,8800</u>	Municipality	<u>Conewango Township</u>
SIC Description	<u>Private Households, Trans. &amp; Utilities - Sewerage Systems</u>	County	<u>Warren</u>
Date Application Received	<u>November 4, 2024</u>	WQM Required	<u>Transfer Application Received.</u>
Date Application Accepted	<u></u>	WQM App. No.	<u>6219410 T-1</u>

Project Description This is an application to renew NPDES Permit No. PA0272442 which serves an existing 3-bedroom home. Upon completion of the public comment period NPDES Permit No. PA0272442 and WQM Permit No. 6219410 will be transferred from the Anna Clifton Estate to Kirk Foust.

### Summary of Review

This is an existing discharge which serves an existing 3-bedroom home. With the transfer of these permits there is not expected to be any changes to the quantity or quality of the discharge.

Act 14 – Notifications were submitted and received.

Treatment at the existing facility consists of (WQM Permit No. 6219410): A 1,000-gallon dual compartment septic tank with a NSF listed Zabel A300 effluent filter, a Premier Tech Ecoflo EC7-500-C-GDV-USA coco filter with Salcor Model 3G UV radiation disinfection.

There are no open violations in WMS for the subject Client ID (389274) as of 12/10/24.

#### 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)	December 10, 2024
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	December 11, 2024

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	.0004
Latitude	41° 50' 56.86"	Longitude	-79° 11' 54.70"
Quad Name	Warren	Quad Code	41079G2
Wastewater Description:		Sewage Effluent	
Receiving Waters	Unnamed Tributary to Allegheny River (CWF)	Stream Code	56305
NHD Com ID	112375247	RMI	1.0500
Drainage Area	0.31	Yield (cfs/mi²)	0.038
Q <sub>7-10</sub> Flow (cfs)	0.0119	Q <sub>7-10</sub> Basis	USGS - StreamStats
Elevation (ft)	1,507	Slope (ft/ft)	---
Watershed No.	16-B	Chapter 93 Class.	CWF
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)	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)	96.5

Changes Since Last Permit Issuance: Change in ownership from Anna Clifton Estate to Kirk Foust.

Other Comments: This SRSTP was designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General Permit due to the use of the EC7 treatment system.

The Coco filter treatment system is reportedly capable of BOD5 averages of 10 mg/L and TSS averages of 10 mg/L. This facility is not expected to impact the quality of the receiving stream.

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

**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.

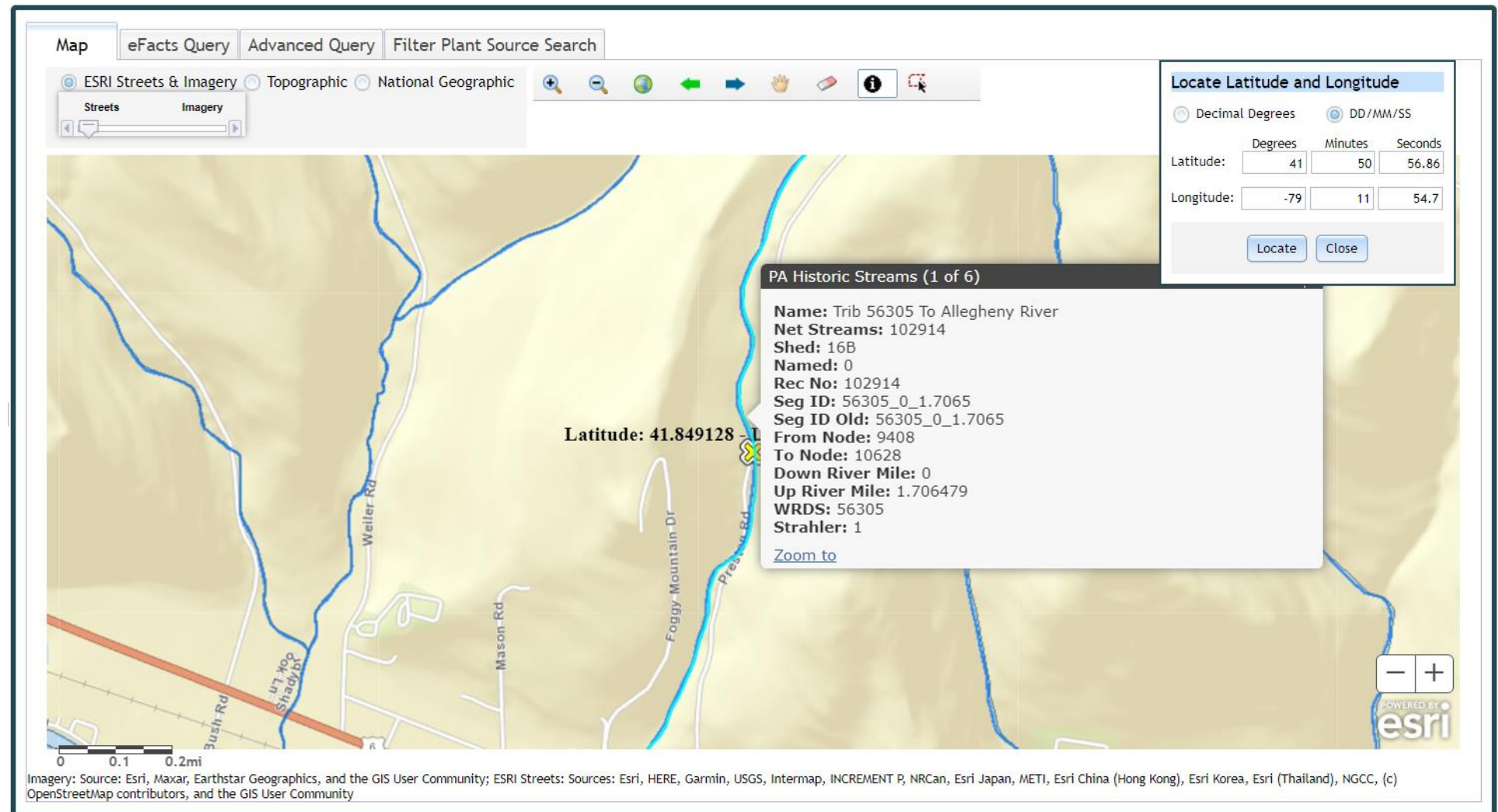
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

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	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	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 CBOD5, 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 Ariel Site Imagery

