

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. **PA0288420**  
APS ID **1131363**  
Authorization ID **1516644**

**Applicant, Facility and Project Information**

Applicant Name	<b>Kent Wilcox</b>	Facility Name	<b>Kent Wilcox SRSTP</b>
Applicant Address	1112 Old State Road	Facility Address	1112 Old State Road
	Russell, PA 16345-3636		Russell, PA 16345-3636
Applicant Contact	Kent Wilcox	Facility Contact	
Applicant Phone	(814) 489-3616	Facility Phone	
Client ID	356683	Site ID	840201
SIC Code	8800	Municipality	Pine Grove Township
SIC Description	Private Households	County	Warren
Date Application Received	February 19, 2025	WQM Required	Previously issued - 6220403
Date Application Accepted		WQM App. No.	
Project Description	Renewal of a Single Resident Sewage Treatment Plant (SRSTP)		

**Summary of Review**

The permittee is requesting reissuance of Individual Permit No. PA0288420 which would expire on July 31, 2025. The existing discharges serve a 4-bedroom home which discharges into Tributary 56395 to Kiantone Creek (CWF).

The existing facilities consist of (WQM Permit No. 6220403): A Premier Tech EC7- 600 Ecoflo Coco Filter Unit with an integrated septic tank, followed by a Norweco LF1000 chlorinator, then a 300-gallon chlorine contact tank.

Act 14 Notifications were submitted and received.

Yearly AMRs have been submitted and state the system is functioning as designed.

There are no open violations in WMS for the subject Client ID (356683) as of March 4<sup>th</sup>, 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	March 4, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	March 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° 59' 12.87"	Longitude	-79° 10' 32.36"
Quad Name		Quad Code	
Wastewater Description:	Sewage Effluent		
Receiving Waters	Unnamed Tributary to Kiantone Creek (CWF)	Stream Code	56395
NHD Com ID	129446854	RMI	0.0100
Drainage Area	0.15	Yield (cfs/mi <sup>2</sup> )	-
Q <sub>7-10</sub> Flow (cfs)	0.00617	Q <sub>7-10</sub> Basis	USGS- StreamStats
Elevation (ft)	-	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)	-	-	
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: N/A

Other Comments:

This SFTF was designed where applicable in accordance with the SFTF Manual, but it does not qualify for the PAG-04 General due to the use of a Premier Tech EC7-600 Ecoflo Coco Filter Unit.

**Proposed Effluent Limitations and Monitoring Requirements**

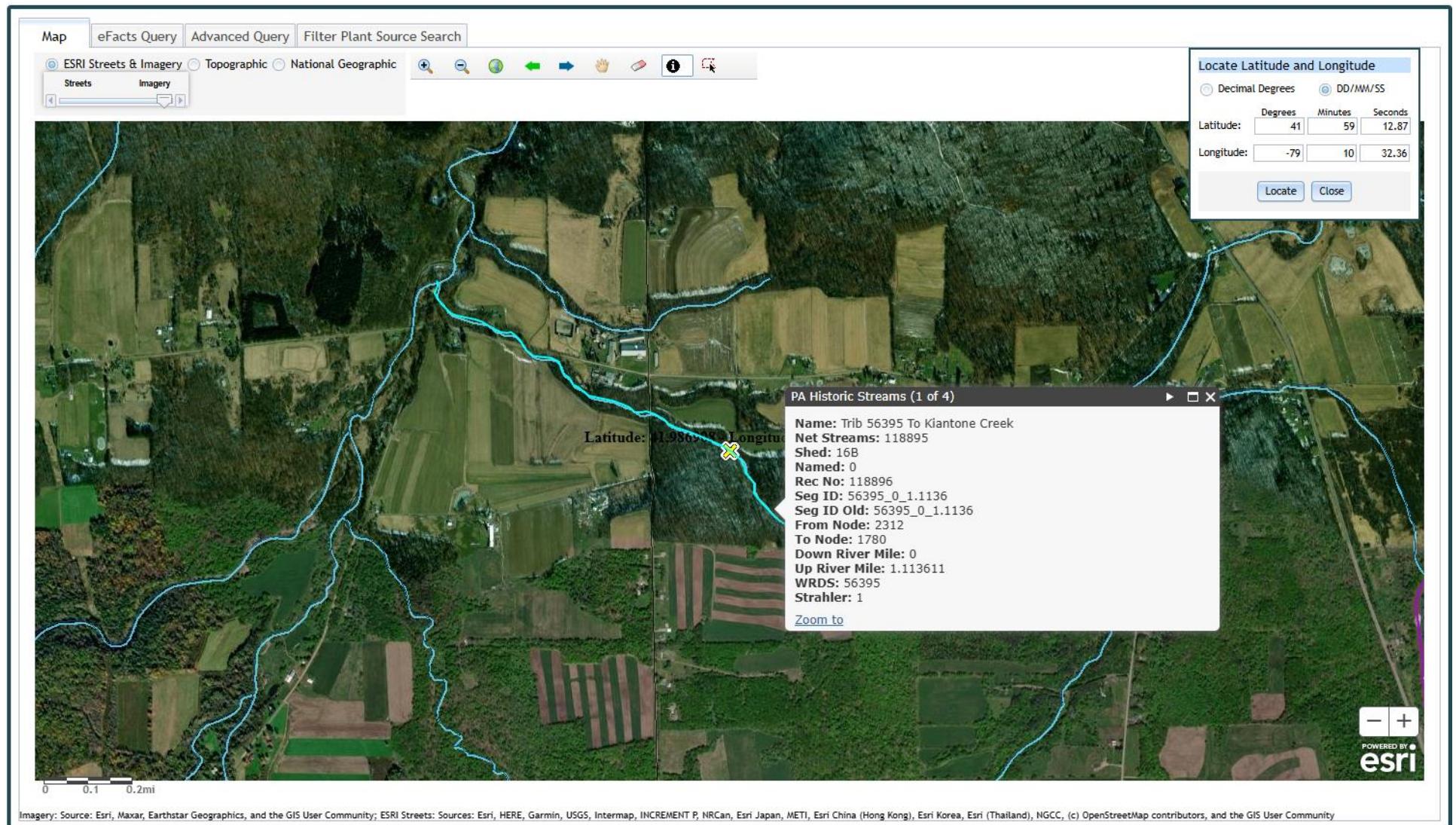
The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). 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	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	Upon Request	Grab
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
BOD5	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

Attachment 1  
eMapPA – Receiving Stream Location and Data



Attachment 2  
Google Earth – Aerial Site View

