

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0287890
APS ID 1127460
Authorization ID 1509568

Applicant, Facility and Project Information

Applicant Name	<u>Robert Kozar</u>	Facility Name	<u>Robert Kozar SRSTP</u>
Applicant Address	<u>172 Clearwater Drive</u> <u>Ellwood City, PA 16117-3060</u>	Facility Address	<u>1305 Trunkeyville Road</u> <u>Tidioute, PA 16351</u>
Applicant Contact	<u>Robert Kozar</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 487-7075</u>	Facility Phone	<u></u>
Applicant Email	<u>kozar2929@gmail.com</u>		<u></u>
Client ID	<u>353604</u>	Site ID	<u>838274</u>
SIC Code	<u>8800</u>	Municipality	<u>Harmony Township</u>
SIC Description	<u>Private Households</u>	County	<u>Forest</u>
Date Application Received	<u>December 11, 2024</u>	WQM Required	<u>No – Issued</u>
Date Application Accepted	<u>December 18, 2024</u>	WQM App. No.	<u>---</u>
Project Description	<u>Renewal NPDES Permit for a Single Residence Sewage Treatment Plant</u>		

Summary of Review

This is a renewal application for a NPDES Permit for an SRSTP consists of (WQM Permit No. 2719402): A 1,250-gallon dual compartment septic tank, a Premier Tech Ecoflo EC7-500-C coco filter, and a Norweco LF 1000 chlorinator with a 300-gallon concrete chlorine contact tank.

This SRSTP does not qualify for the PAG-04 General Permit due to the use of Premier Tech EC7-500-C Coco filter.

Act 14 – Proof of Notification was submitted and received.

SPECIAL CONDITIONS: NONE

The EPA waiver is in effect.

There are NO open violations in WMS for the subject Client ID (353604) as of December 19, 2024.

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		Aeshah Shameseldin Aeshah Shameseldin / Civil Engineer	December 19, 2024
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	December 20, 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° 35' 51.33"	Longitude	-79° 24' 23.72"
Quad Name	West Hickory	Quad Code	41079E4
Wastewater Description: Sewage Effluent			
Receiving Waters	Allegheny River (WWF)	Stream Code	42122
NHD Com ID	100473183	RMI	161.3
Drainage Area	3,600 sq. mi	Yield (cfs/mi ²)	0.1
Q ₇₋₁₀ Flow (cfs)	360	Q ₇₋₁₀ Basis	Default
Elevation (ft)	1080	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		
Source(s) of Impairment	Source Unknown		
TMDL Status		Name	
Background/Ambient Data		Data Source	
pH (SU)	7.0	Default	
Temperature (°F)	77	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)	---
PWS RMI	90.0	Distance from Outfall (mi)	---

Changes Since Last Permit Issuance: None.

Other Comments: The Allegheny River —the receiving water for discharges from Outfall 001 is impaired by Mercury but the subject facility is not expected to be a cause or source of the impairment.

The Allegheny River is known to contain state and federally listed threatened and endangered mussel species. The existing discharge is not expected to adversely affect threatened or endangered mussel species in the Allegheny River considering the expected effluent quality, size of the discharge, and the assimilative capacity of the Allegheny River.

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.

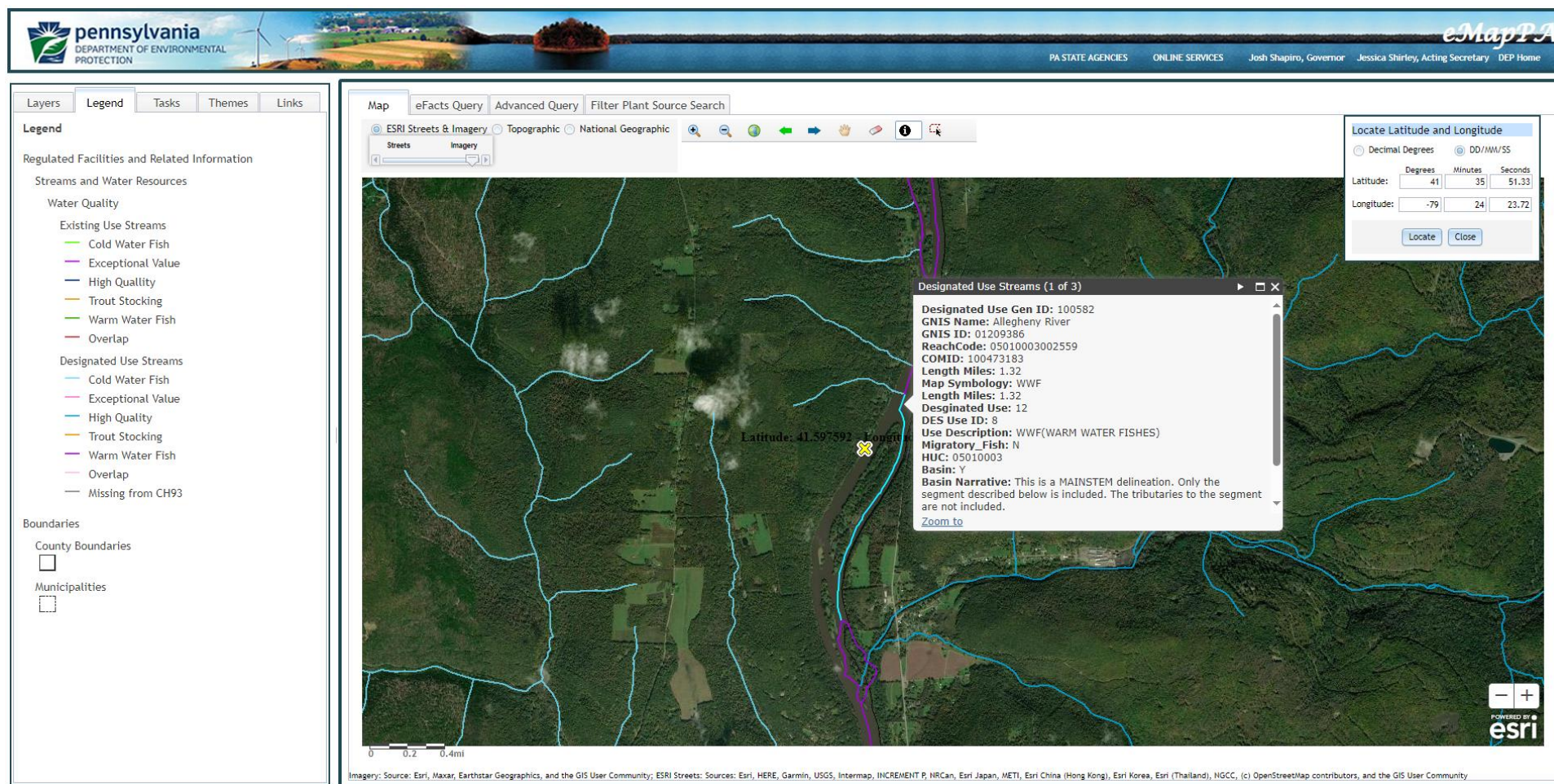
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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 (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.

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD5, Total Suspended Solids are BPJ-based on the Department's "Small Flow Treatment Facilities Manual." Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7. TRC sampling requirements are based on the Department's SOP.

Outfall Location - eMap with Aerial Imagery



Drainage Area Location – StreamStats with Aerial Imagery

StreamStats Report

Region ID:PA
Workspace ID:PA20241219163738543000
Clicked Point (Latitude, Longitude):41.59743, -79.40603
Time:2024-12-19 11:38:04 -0500



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> Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	3600	square miles