

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0288322
APS ID 1119670
Authorization ID 1495530

Applicant, Facility and Project Information

Applicant Name	<u>Graber Kenneth</u>	Facility Name	<u>Kenneth Graber SRSTP</u>
Applicant Address	<u>155 Mohawk Trail</u> <u>Slippery Rock, PA 16057-3621</u>	Facility Address	<u>155 Mohawk Trail</u> <u>Slippery Rock, PA 16057</u>
Applicant Contact	<u>Kenneth Graber</u>	Facility Contact	<u></u>
Applicant Phone	<u>(703) 403-1977</u>	Facility Phone	<u></u>
Client ID	<u>356085</u>	Site ID	<u>841603</u>
SIC Code	<u>8800</u>	Municipality	<u>Slippery Rock Township</u>
SIC Description	<u>Private Households</u>	County	<u>Butler</u>
Date Application Received	<u>August 15, 2024</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>Single Residence Sewage Treatment Plant.</u>		

Summary of Review

This is an existing discharge for an existing 3-bedroom home.

Act 14 – Proof of Notification was submitted and received.

Treatment consists of (WQM Permit No. 1020407): A 1,000-gallon dual compartment concrete septic tank w/Zabel A300 effluent filter followed by a Premier Tech EC7-C-P Coco Filter unit with an integrated pump Ultraviolet (UV) light disinfection unit, and effluent pumping.

The EPA Waiver is in effect.

There are no open violations in WMS for the subject Client ID (356085) as of 5/21/2025.

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		Jordan A. Frey, E.I.T. Jordan A. Frey, E.I.T. / Project Manager	May 21, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	June 4, 2025

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° 1' 54.27"	Longitude	-80° 0' 33.07"
Quad Name	Slippery Rock	Quad Code	41080A1
Wastewater Description: Sewage Effluent			
Receiving Waters	Slippery Rock Creek (CWF)	Stream Code	34032
NHD Com ID	126221995	RMI	0.6400
Drainage Area	127	Yield (cfs/mi ²)	0.1
Q ₇₋₁₀ Flow (cfs)	12.7	Q ₇₋₁₀ Basis	Default
Elevation (ft)	1146	Slope (ft/ft)	---
Watershed No.	20-C	Chapter 93 Class.	Cold Water Fishes
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)	20	Default	
Hardness (mg/L)	100	Default	
Other:	---	---	
Nearest Downstream Public Water Supply Intake	PA American Water Company – Ellwood City		
PWS Waters	Slippery Rock Creek	Flow at Intake (cfs)	53.1
PWS RMI	0.1	Distance from Outfall (mi)	>25

Changes Since Last Permit Issuance: None.

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 a Premier Tech EC7-C-P 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.

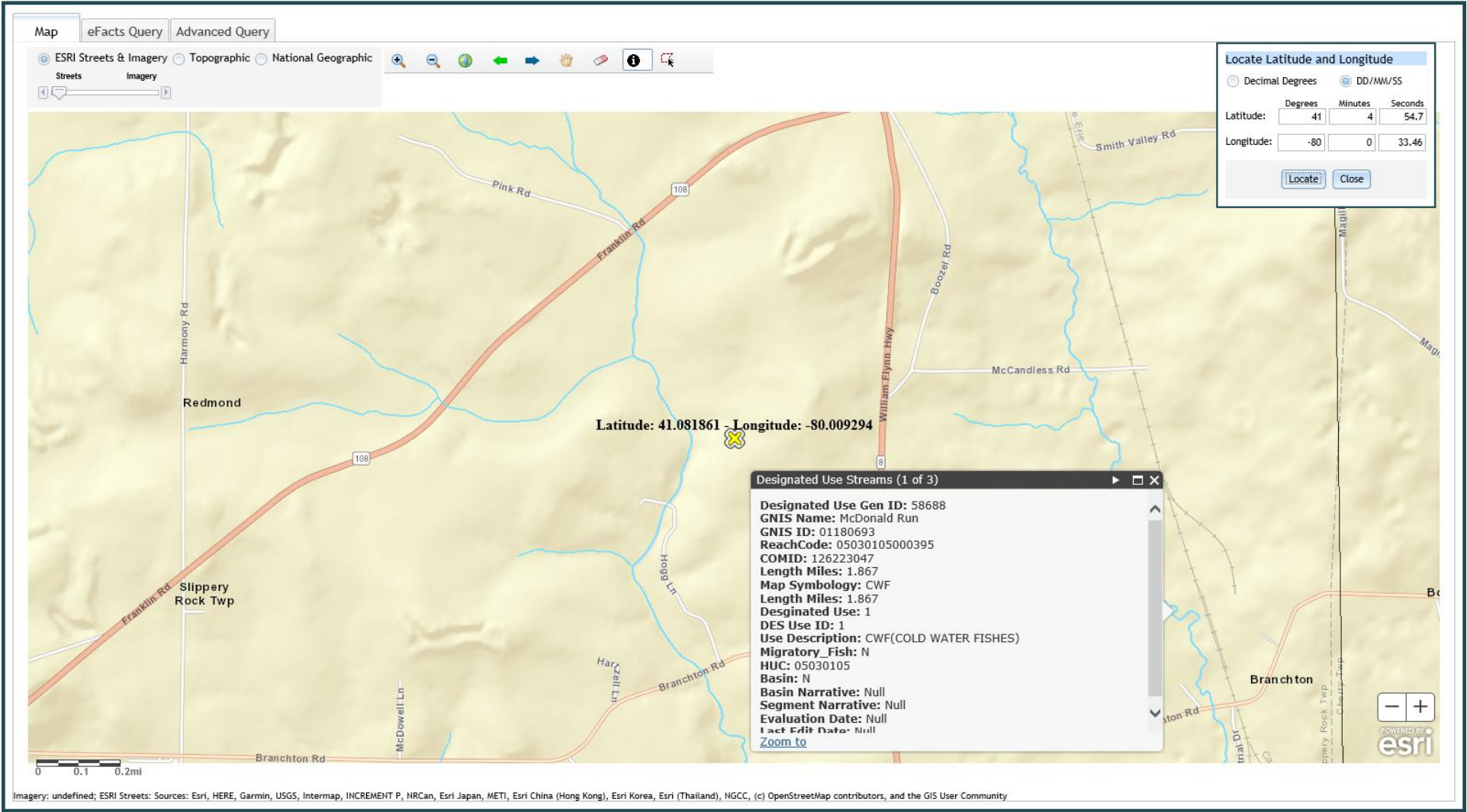
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽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	XXX	XXX	9.0	Upon Request	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, 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 Map



Attachment 2
Google Earth Imagery

