

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0273066
APS ID 1138716
Authorization ID 1529586

Applicant, Facility and Project Information

Applicant Name <u>Raun Alexander</u>	Facility Name <u>Raun Alexander SRSTP</u>
Applicant Address <u>11350 W Pleasant Street</u> <u>Corry, PA 16407-8808</u>	Facility Address <u>11350 W Pleasant Street</u> <u>Corry, PA 16407-8808</u>
Applicant Contact <u>Raun Alexander</u>	Facility Contact _____
Applicant Phone <u>(814) 881-8519</u>	Facility Phone _____
Client ID <u>356396</u>	Site ID <u>789209</u>
SIC Code <u>4952,8800</u>	Municipality <u>Elgin Borough</u>
SIC Description <u>Private Households, Trans. & Utilities - Sewerage Systems</u>	County <u>Erie</u>
Date Application Received <u>June 4, 2025</u>	WQM Required <u>Previously issued -2515401</u>
Date Application Accepted <u>June 6, 2025</u>	WQM App. No. _____
Project Description <u>Renewal for a Single residence sewage treatment plant.</u>	

Summary of Review

The permittee is applying for reissuance of Individual Permit **PA0273066** that would expire on July 31, 2025. The discharge channel is Beaver Run which is an Exceptional Value watershed. The average daily flow is projected to be 400 GPD.

The existing facility consists of (WQM Permit No. 2515401): Norweco Singular Model 960 aerobic unit with a Bio Film reactor, a Salcor 3G disinfection unit, and a 500-gallon pump tank with stream discharge.

Act 14 notifications were submitted and received.

AMR have been submitted and appears to be operating as designed.

There are no open violations in WMS for the subject Client ID (356396) as of June 6, 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		Adebayo Olude Adebayo Olude / Civil Engineer Trainee	June 6, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	June 6, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>41° 54' 12.71"</u>	Longitude	<u>-79° 44' 43.03"</u>
Quad Name	<u>Corry</u>	Quad Code	<u>41079H6</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Beaver Run (EV)</u>	Stream Code	<u>53723</u>
NHD Com ID	<u>127347021</u>	RMI	<u>1.7600</u>
Drainage Area	<u>5.71</u>	Yield (cfs/mi ²)	<u>0.0557</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.318</u>	Q ₇₋₁₀ Basis	<u>USGS Stream Stats</u>
Elevation (ft)	<u>1510</u>	Slope (ft/ft)	<u>-----</u>
Watershed No.	<u>16-A</u>	Chapter 93 Class.	<u>EV</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u>7.0</u>	Default	<u></u>
Temperature (°F)	<u>20</u>	Default	<u></u>
Hardness (mg/L)	<u>100</u>	Default	<u></u>
Other:	<u>-----</u>	-----	<u></u>
Nearest Downstream Public Water Supply Intake	<u>Cambridge Springs Borough</u>		
PWS Waters	<u>French Creek</u>	Flow at Intake (cfs)	<u>51.45</u>
PWS RMI	<u>48.35</u>	Distance from Outfall (mi)	<u>38.58</u>

Changes Since Last Permit Issuance: N/A

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 discharge in a Exceptional Value (EV) watershed.

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.

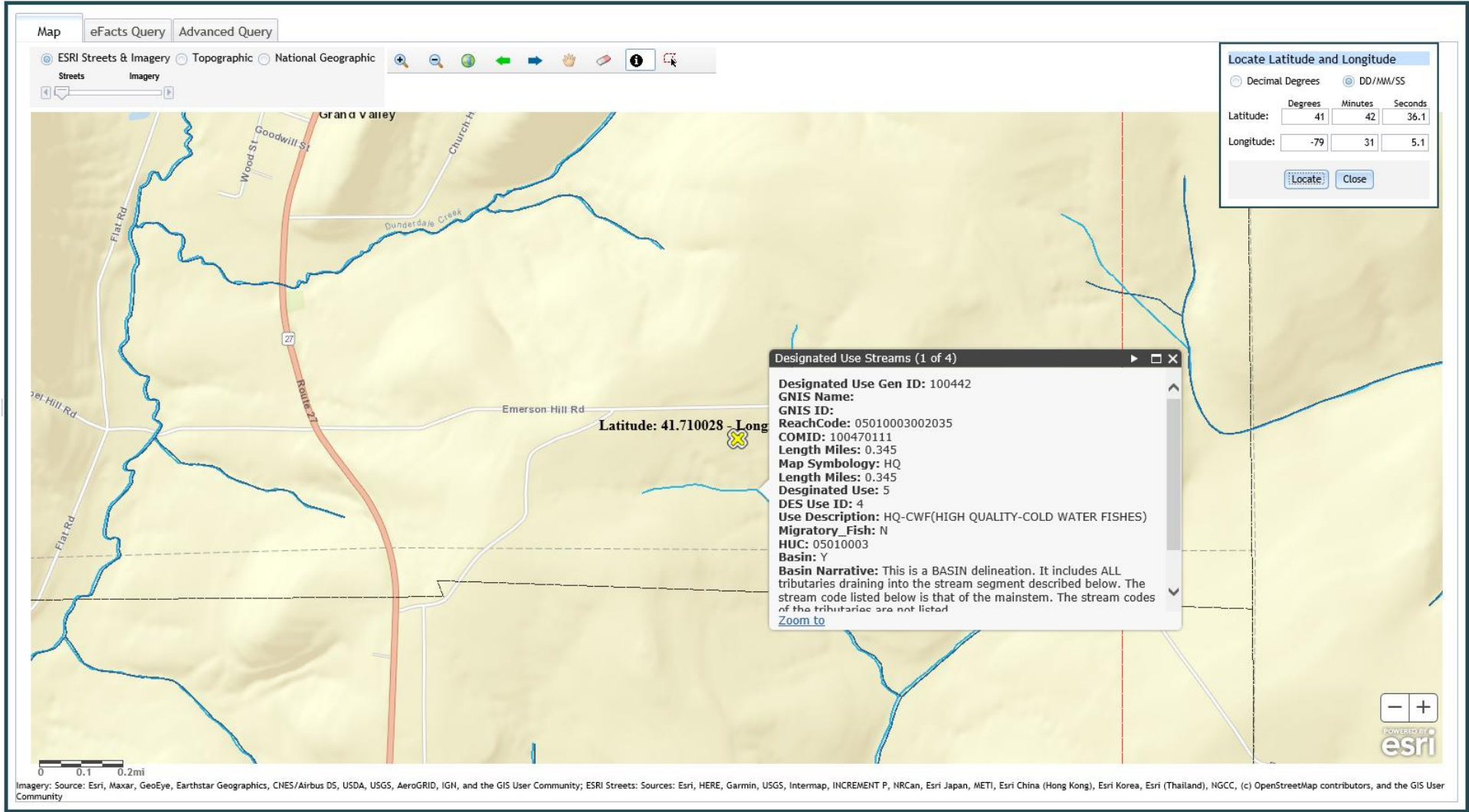
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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	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, and Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7. In accordance with Regional Policy, pH monitoring is established as monthly due to Exceptional Value (EV) Stream Classification.

Attachment 1
eMap – Location Map



Attachment 2
Google Earth Imagery

