

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0210820
APS ID 1142277
Authorization ID 1535443

Applicant, Facility and Project Information

Applicant Name <u>Michael P & Cheryl L Nass</u>	Facility Name <u>Michael P & Cheryl L Nass SFTF</u>
Applicant Address <u>2670 Old State Road</u> <u>Waterford, PA 16441-3928</u>	Facility Address <u>2670 Old State Road</u> <u>Waterford, PA 16441-3928</u>
Applicant Contact <u>Michael Nass</u>	Facility Contact <u>Michael Nass</u>
Applicant Phone <u>(814) 882-6296</u>	Facility Phone <u>(814) 796-6778</u>
Client ID <u>115312</u>	Site ID <u>487954</u>
SIC Code <u>8800</u>	Municipality <u>Waterford Township</u>
SIC Description <u>Private Households</u>	County <u>Erie</u>
Date Application Received <u>July 28, 2025</u>	WQM Required <u>N/A</u>
Date Application Accepted <u>July 30, 2025</u>	WQM App. No. <u></u>
Project Description <u>Renewal for a Single Residence Sewage Treatment Plant</u>	

Summary of Review

The permittee is applying for reissuance of Individual Permit **PA0210820** that will expire on January 31, 2026. This is a discharge into stream channel - Trib 53005 To Little Conneauttee Creek. The average daily flow is projected to be 400 GPD.

Act 14 notifications were submitted and received.

The existing facility consists of: NSF approved Norweco Singlair aeration unit with a built in up-flow Bio-Kinetic filter unit, chlorine tablet disinfection with a 200-gallon contact tank.

AMRs were received and appears to be operational.

There are no open violations in WMS for the subject Client ID (**115312**) as of July 30, 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	July 30, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	August 1, 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° 55' 49.83"	Longitude	-80° 4' 14.04"
Quad Name	Cambridge Springs	Quad Code	41080H1
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Little Conneauttee Creek (CWF)	Stream Code	53005
NHD Com ID	127344850	RMI	
Drainage Area	0.96	Yield (cfs/mi²)	0.045
Q ₇₋₁₀ Flow (cfs)	0.0432	Q ₇₋₁₀ Basis	USGS StreamStats
Elevation (ft)	1441	Slope (ft/ft)	-
Watershed No.	16-A	Chapter 93 Class.	CWF
Existing Use		Existing Use Qualifier	
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Impaired		
Cause(s) of Impairment	ORGANIC ENRICHMENT, SILTATION		
Source(s) of Impairment	GRAZING IN RIPARIAN OR SHORELINE ZONES, GRAZING IN RIPARIAN OR SHORELINE ZONES		
TMDL Status		Name	
Background/Ambient Data		Data Source	
pH (SU)	7	Default	
Temperature (°F)	20	Default - CWF	
Hardness (mg/L)	100	Default	
Other:			
Nearest Downstream Public Water Supply Intake	Cambridge Springs Borough		
PWS Waters	French Creek	Flow at Intake (cfs)	51.45
PWS RMI	48.35	Distance from Outfall (mi)	13.2

Changes Since Last Permit Issuance: N/A

Other Comments: This SRSTP was designed where applicable in accordance with the SFTF Manual; however, does not qualify for the PAG-04 general permit due to the use of a Norweco Singulair aeration unit with a built in up-flow Bio-Kinetic 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.

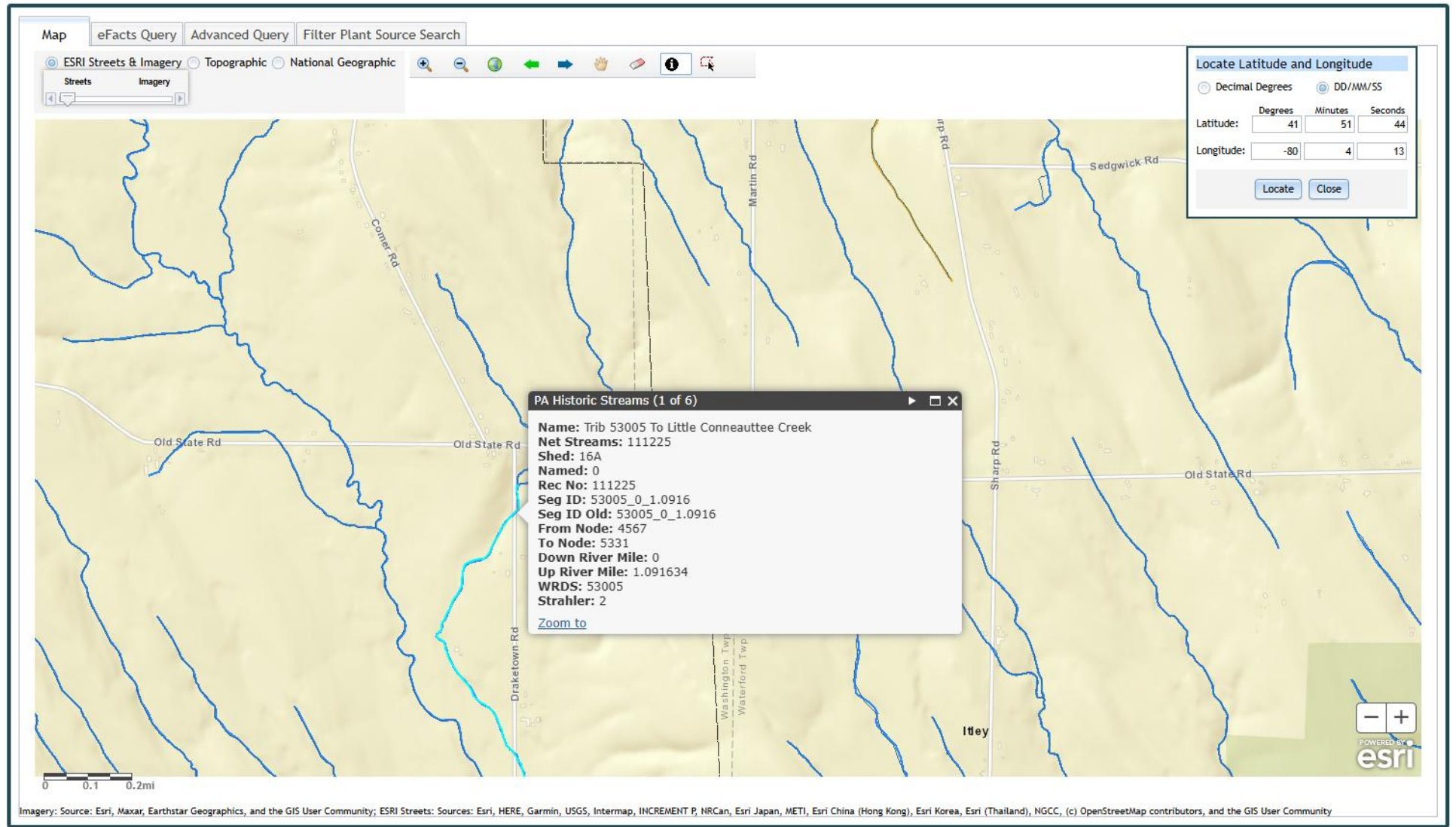
Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

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 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 Chlorine disinfection

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD5, Total Suspended Solids, and Fecal Coliforms are technology- based on Chapter 92a.47.

Attachment 1
eMAP- Receiving Streams Information



Attachment 2
Google Earth - Imagery

