

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0264156
APS ID 1133789
Authorization ID 1520808

Applicant, Facility and Project Information

Applicant Name <u>Thomas G Covatto</u>	Facility Name <u>Thomas Covatto SRSTP</u>
Applicant Address <u>8121 Edinboro Road</u> <u>Erie, PA 16509-4468</u>	Facility Address <u>8121 Edinboro Road</u> <u>Erie, PA 16509-4468</u>
Applicant Contact <u>Thomas Covatto</u>	Facility Contact <u>Thomas Covatto</u>
Applicant Phone <u>(814) 434-0984</u>	Facility Phone <u>(814) 434-0984</u>
Client ID <u>322737</u>	Site ID <u>810683</u>
SIC Code <u>8800</u>	Municipality <u>Summit Township</u>
SIC Description <u>Private Households</u>	County <u>Erie</u>
Date Application Received <u>March 25, 2025</u>	WQM Required <u>Previously issued - 2515415</u>
Date Application Accepted _____	WQM App. No. _____
Project Description <u>Renewal application for a Single Resident Sewage Treatment Plant (SRSTP)</u>	

Summary of Review

The permittee is requesting reissuance of Individual Permit No. PA0264156 that is set to expire on January 31, 2026. This is an existing discharge that serves a single home and discharges into Tributary 62446 to Walnut Creek (HQ-CWF, MF).

The existing facilities consist of (WQM Permit No. 2515415): Norweco Singulair Aerobic Tank Model 960 with a chlorine disinfection unit.

A Norweco Hydro-Kinetic Bio-Film Reactor was mistakenly included on the permit application.

Act 14 notifications were submitted and received.

Yearly AMRs have been submitted and the system appears to be operating as designed.

There are no open violations in WMS for the subject Client ID (322737) as of April 16, 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	April 16, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	April 18, 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	42° 1' 51.94"	Longitude	-80° 6' 47.56"
Quad Name	-	Quad Code	-
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Walnut Creek (HQ-CWF, MF)	Stream Code	62446
NHD Com ID	134205239	RMI	0.7100
Drainage Area	0.13	Yield (cfs/mi²)	-
Q7-10 Flow (cfs)	0.0042	Q7-10 Basis	USGS- StreamStats
Elevation (ft)	-	Slope (ft/ft)	-
Watershed No.	15-A	Chapter 93 Class.	HQ-CWF, MF
Existing Use	-	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Impaired		
Cause(s) of Impairment	FLOW REGIME MODIFICATION, FLOW REGIME MODIFICATION, HABITAT ALTERATIONS, HABITAT ALTERATIONS, SILTATION, SILTATION		
Source(s) of Impairment	SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT), SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT), SITE CLEARANCE (LAND DEVELOPMENT OR REDEVELOPMENT), URBAN RUNOFF/STORM SEWERS, URBAN RUNOFF/STORM SEWERS		
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 coverage under the PAG-04 General Permit due to the use of a Norweco Singulair Model 960 without a Hydro-Kinetic Bio-Film Reactor (HKBFR) and because the discharge is to a High-Quality stream.

In accordance with the SOP, no water quality modeling was performed since this is a SRSTP.

Proposed Effluent Limitations and Monitoring Requirements

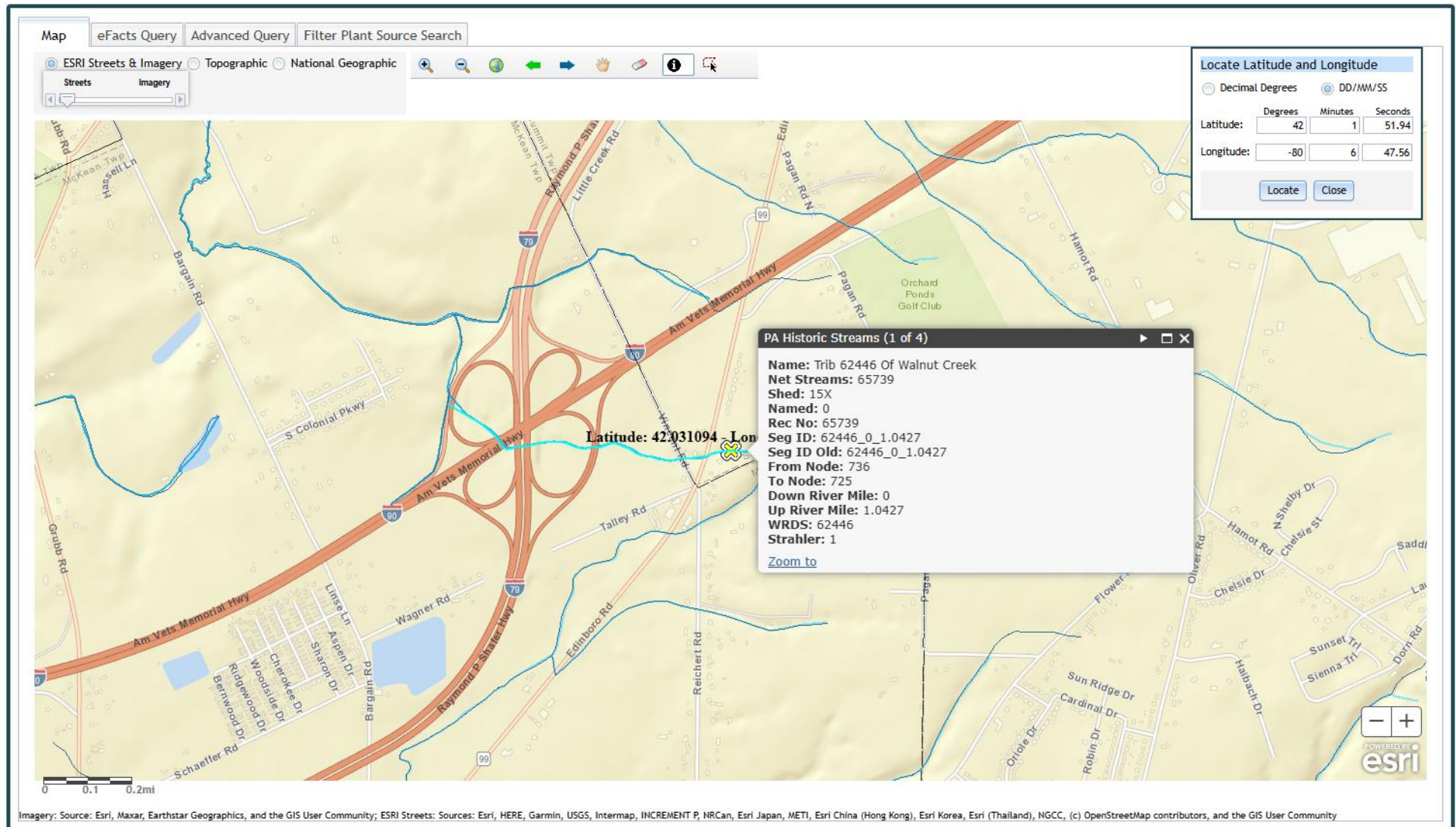
The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). 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
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

