

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

## NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0264440  
APS ID 1117766  
Authorization ID 1492133

### Applicant, Facility and Project Information

Applicant Name <u>Patricia Poland</u>	Facility Name <u>Patricia Poland SRSTP</u>
Applicant Address <u>807 Samick Drive</u> <u>Erie, PA 16509-5140</u>	Facility Address <u>807 Samick Drive</u> <u>Erie, PA 16509-5140</u>
Applicant Contact <u>Patricia Poland</u>	Facility Contact _____
Applicant Phone <u>(814) 868-1886</u>	Facility Phone _____
Client ID <u>326380</u>	Site ID <u>813164</u>
SIC Code <u>4952,8800</u>	Municipality <u>Summit Township</u>
SIC Description <u>Private Households, Trans. &amp; Utilities - Sewerage Systems</u>	County <u>Erie</u>
Date Application Received <u>May 20, 2024</u>	WQM Required <u>Previously issued -2516404</u>
Date Application Accepted <u>July 8, 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 **PA0264440** that will expire on June 30, 2026. This is a discharge into stream channel - Trib 62464 To Walnut Creek. The average daily flow is projected to be 400 GPD.

Act 14 notifications were submitted and received.

The existing facility under (WQM Permit No. 2516404) issued on June 7, 2016 consist of: A Singulair Green Aerobic Treatment System (Model 960) with a Bio-Kinetic Filter and UV disinfection with surface water discharge.

AMR was not found on the system.

There are no open violations in WMS for the subject Client ID (**326380**) as of July 8, 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 8, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	July 10, 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° 3' 39.70"	Longitude	-80° 3' 25.87"
Quad Name	Erie South	Quad Code	42080A1
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Walnut Creek (CWF, MF)	Stream Code	62464
NHD Com ID	123922854	RMI	0.5500
Drainage Area	8.01	Yield (cfs/mi²)	0.0451
Q <sub>7-10</sub> Flow (cfs)	0.362	Q <sub>7-10</sub> Basis	USGS Stream Stats
Elevation (ft)		Slope (ft/ft)	---
Watershed No.	15-A	Chapter 93 Class.	CWF, MF
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	Default	
Temperature (°F)	25	Default	
Hardness (mg/L)	100	Default	
Other:			
Nearest Downstream Public Water Supply Intake	Lake Erie (Chestnut and West)		
PWS Waters	Erie Water Works	Flow at Intake (cfs)	----
PWS RMI	---	Distance from Outfall (mi)	> 10

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 coverage under the PAG-04 general permit due to the use of a Singulair Green Aerobic Treatment System (Model 960) with a Bio-Kinetic Filter instead of a Hydro-Kinetic Biofilm Reactor.

**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.

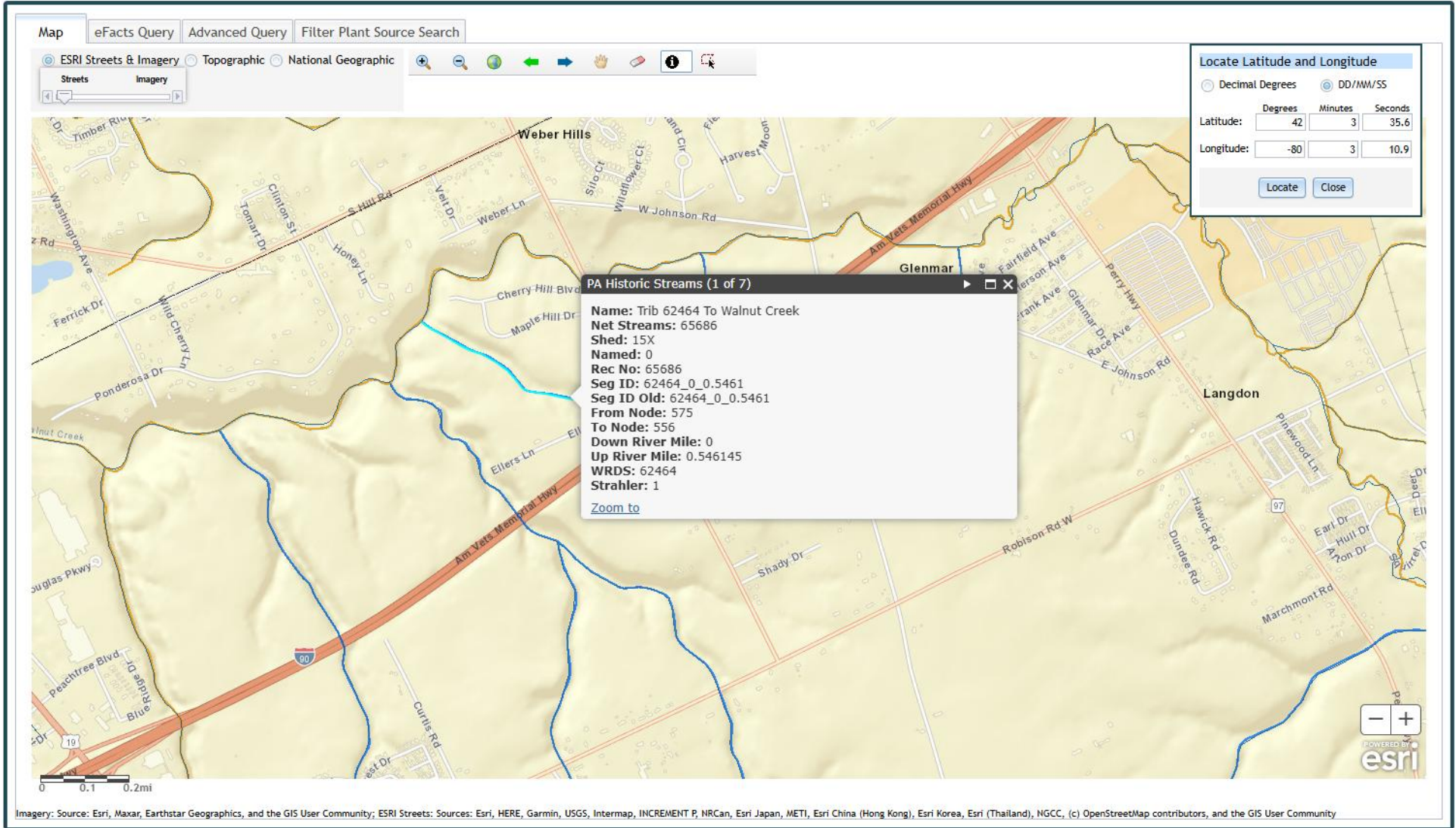
**Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.**

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> 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
CBOD5	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 Coliforms are technology- based on Chapter 92a.47.

Attachment 1  
eMAP– Receiving Streams Information





Attachment 2  
Google Earth - Imagery

