

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SFTF/SRSTP**

Application No. PA0287962  
APS ID 1128639  
Authorization ID 1511886

**Applicant, Facility and Project Information**

Applicant Name	<u>Richard Siegler</u>	Facility Name	<u>Richard Siegler SRSTP</u>
Applicant Address	<u>455 Dutch Road</u> <u>Fairview, PA 16415-1633</u>	Facility Address	<u>455 Dutch Road</u> <u>Fairview, PA 16415-1633</u>
Applicant Contact	<u>Richard Siegler</u>	Facility Contact	<u></u>
Applicant Phone	<u>(732) 684-3104</u>	Facility Phone	<u></u>
Applicant Email	<u>richardseigler@me.com</u>		
Client ID	<u>365986</u>	Site ID	<u>838275</u>
SIC Code	<u>4952,8800</u>	Municipality	<u>Fairview Township</u>
SIC Description	<u>Private Households, Trans. &amp; Utilities - Sewerage Systems</u>	County	<u>Erie</u>
Date Application Received	<u>January 8, 2025</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>February 7, 2025</u>	WQM App. No.	<u>---</u>
Project Description	<u>NPDES Permit Renewal Application for a Single Residence Sewage Treatment Plant</u>		

**Summary of Review**

This is a NPDES Permit renewal application for an SRSTP consists of (WQM Permit No. 2519420 T-1): 1,500-gallon dual chamber septic tank with effluent filter, EC7-600-C Coco filter with integral UV radiation disinfection.

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 EC7-600-C Coco filter unit.

There are no AMRs available on file.

Act 14 – Proof of Notification was submitted and received.

SPECIAL CONDITIONS: NONE

The EPA waiver is in effect.

There are NO open violations in WMS for the subject Client ID (365986) as of February 7, 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		Aeshah Shameseldin Aeshah Shameseldin / Civil Engineer	February 7, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	February 18, 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>.0005</u>
Latitude	<u>42° 4' 17.39"</u>	Longitude	<u>-80° 14' 4.95"</u>
Quad Name	<u>Swanville</u>	Quad Code	<u>42080A2</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Walnut Creek (CWF, MF)</u>	Stream Code	<u>62437</u>
NHD Com ID	<u>123925698</u>	RMI	<u>0.49</u>
Drainage Area	<u>37.5 square miles</u>	Yield (cfs/mi <sup>2</sup> )	<u>0.1</u>
Q <sub>7-10</sub> Flow (cfs)	<u>3.75</u>	Q <sub>7-10</sub> Basis	<u>Default</u>
Elevation (ft)	<u>634</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>15-A</u>	Chapter 93 Class.	<u>CWF, MF</u>
Existing Use	<u>---</u>	Existing Use Qualifier	<u>---</u>
Exceptions to Use	<u>---</u>	Exceptions to Criteria	<u>---</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>Flow Regime Modification, Habitat Alterations, Siltation</u>		
Source(s) of Impairment	<u>Site Clearance (Land Development or Redevelopment), Urban Runoff/Storm Sewers</u>		
TMDL Status	_____	Name	_____
Background/Ambient Data		Data Source	
pH (SU)	<u>7.0</u>	Default	_____
Temperature (°F)	<u>68</u>	Default	_____
Hardness (mg/L)	<u>100</u>	Default	_____
Other:	_____		_____
Nearest Downstream Public Water Supply Intake	<u>PA – Canadian International Boundary in Lake Erie</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u>---</u>
PWS RMI	<u>---</u>	Distance from Outfall (mi)	<u>---</u>

Changes Since Last Permit Issuance: None.

Other Comments: The Walnut Creek —the receiving water for discharges from Outfall 001—is impaired by Flow Regime Modification, Habitat Alterations and Siltation but the subject facility is not expected to be a cause or source of the impairment.

**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
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 are BPJ-based on the Department’s “Small Flow Treatment Facilities Manual.” Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

Outfall Location - eMap with Aerial Imagery

The screenshot displays the Pennsylvania eMapPA web application interface. At the top, the Pennsylvania Department of Environmental Protection logo is on the left, and navigation links for PA State Agencies, Online Services, and state officials are on the right. The main map area shows aerial imagery with a cyan line representing a designated use stream. A pop-up window titled 'Designated Use Streams (1 of 3)' provides the following details:

- Designated Use Gen ID: 16771
- GNIS Name: Walnut Creek
- GNIS ID: 01190542
- ReachCode: 04120101000160
- COMID: 123925698
- Length Miles: 2.933
- Map Symbology: CWF
- Length Miles: 2.933
- Designated Use: 2
- DES Use ID: 1
- Use Description: CWF(COLD WATER FISHES)
- Migratory\_Fish: Y
- HUC: 04120101
- Basin: N
- Basin Narrative: Null
- Segment Narrative: Null
- Evaluation Date: Null
- Last Fdit Date: Null
- [Zoom to](#)

On the right side of the map, a 'Locate Latitude and Longitude' dialog is open, showing the following coordinates:

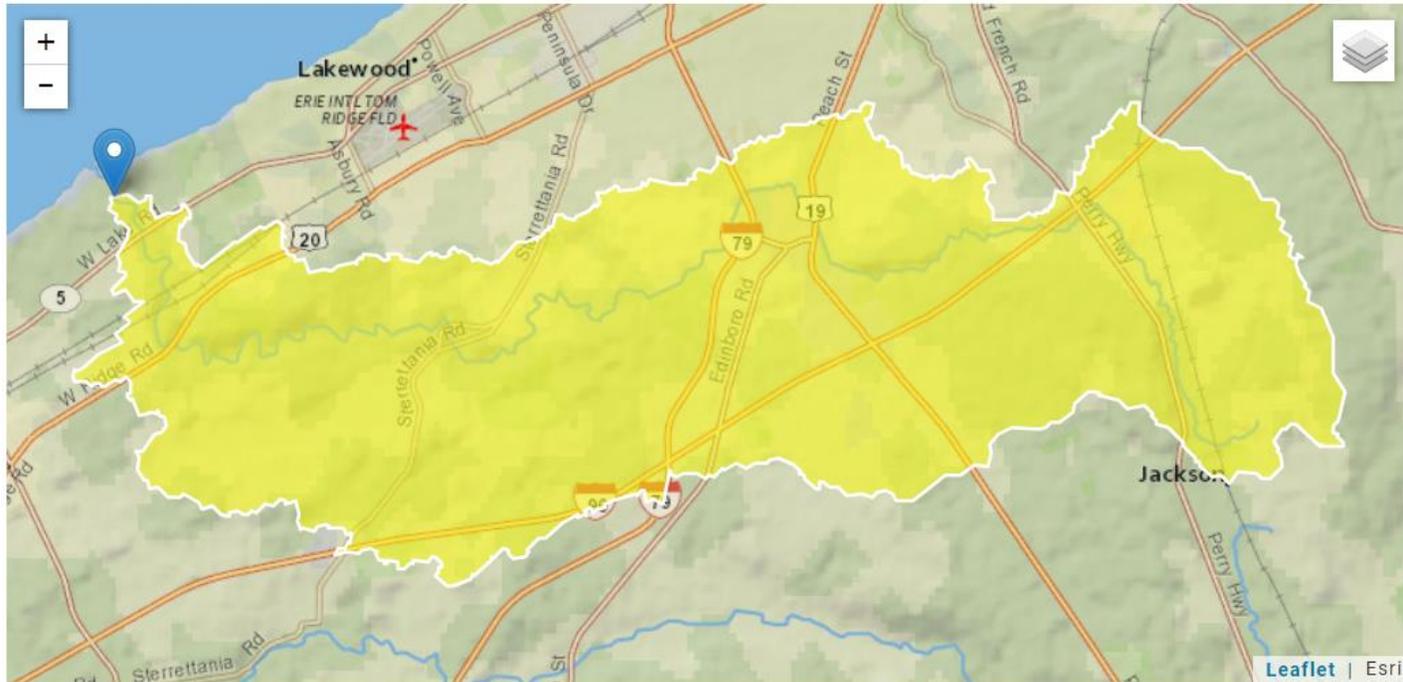
- Latitude: 42° 4' 17.39" (Degrees: 42, Minutes: 4, Seconds: 17.39)
- Longitude: -80° 14' 4.95" (Degrees: -80, Minutes: 14, Seconds: 4.95)

The left sidebar contains a legend with categories: Regulated Facilities and Related Information, Streams and Water Resources (Water Quality, Existing Use Streams, Designated Use Streams), and Boundaries (County Boundaries, Municipalities). The map interface includes a toolbar with navigation tools and a scale bar at the bottom of the map area.

**Drainage Area Location – StreamStats with Aerial Imagery**

StreamStats Report

Region ID: PA  
Workspace ID: PA20250207141005178000  
Clicked Point (Latitude, Longitude): 42.07153, -80.23455  
Time: 2025-02-07 09:10:34 -0500



+ Collapse All

➤ Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	37.5	square miles