

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0272264
APS ID 1108932
Authorization ID 1475844

Applicant, Facility and Project Information

Applicant Name	<u>Philip Hosack</u>	Facility Name	<u>Phillip Hosack SRSTP</u>
Applicant Address	<u>217 Old Sharon Road</u> <u>Mercer, PA 16137-3017</u>	Facility Address	<u>Cottage 21 Old Lake Road Summer City Trust</u> <u>Erie, PA 16510</u>
Applicant Contact	<u>Phillip Hosak</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 422-7687</u>	Facility Phone	<u></u>
Client ID	<u>349859</u>	Site ID	<u>834056</u>
SIC Code	<u>8800</u>	Municipality	<u>Springfield Township</u>
SIC Description	<u>Private Households</u>	County	<u>Erie</u>
Date Application Received	<u>February 1, 2024</u>	WQM Required	<u></u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>
Project Description	<u>NPDES Renewal for a single residence sewage treatment plant (SRSTP).</u>		

Summary of Review

This is a renewal of an existing discharge.

Act 14 – Proof of Notification was submitted and received.

Existing treatment consists of (WQM Permit No. 2519412): A 1,000-gallon existing septic tank with an effluent filter and an Ecoflo EC7-500-P Coco Filter unit with an integrated Ultraviolet (UV) light disinfection unit.

The EPA Waiver is in effect.

There are no open violations in WMS for the subject Client ID (349859) as of 4/9/2024.

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		Jordan A. Frey, E.I.T. Jordan A. Frey, E.I.T. / Project Manager	April 9, 2024
		(Vacant) / Environmental Engineer Manager	Okay to Draft JCD 4/15/2024

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° 59' 41.68"</u>	Longitude	<u>-80° 27' 40.02"</u>
Quad Name	<u>East Springfield</u>	Quad Code	<u>41080H4</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Stream (CWF, MF)</u>	Stream Code	<u>62687</u>
NHD Com ID	<u>123922038</u>	RMI	<u>0.0900</u>
Drainage Area	<u>1.36</u>	Yield (cfs/mi ²)	<u>0.1</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.136</u>	Q ₇₋₁₀ Basis	<u>Default</u>
Elevation (ft)	<u>587</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>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>Erie Water Works</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u>N/A</u>
PWS RMI	<u>---</u>	Distance from Outfall (mi)	<u>---</u>

Changes Since Last Permit Issuance: None.

Other Comments: None.

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
BOD5	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	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 and Total Suspended Solids are BPJ limits based on the Small Flow Treatment Facilities Manual. Fecal Coliform is technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

Attachment 1
eMap – Location Map

The screenshot shows a web-based GIS application interface. At the top, there are tabs for 'Map', 'eFacts Query', and 'Advanced Query'. Below these are map style options: 'ESRI Streets & Imagery' (selected), 'Topographic', and 'National Geographic'. A toolbar contains various navigation icons. A legend on the left shows 'Streets' and 'Imagery' layers. The main map area displays a topographic view of a shoreline with a stream. A yellow 'X' marks a specific point on the stream, with coordinates 'Latitude: 41.995014' and 'Long' displayed next to it. A scale bar at the bottom left indicates 0, 0.1, and 0.2 miles. A 'Locate Latitude and Longitude' dialog box is open in the top right, showing input fields for 'Latitude' (41, 59, 42.05) and 'Longitude' (-80, 27, 40.42) in 'DD/MM/SS' format, with 'Locate' and 'Close' buttons. A pop-up window titled 'PA Historic Streams (1 of 5)' is open over the stream segment, displaying the following metadata:

- Name: Trib 62687 To Lake Erie
- Net Streams: 65833
- Shed: 15X
- Named: 0
- Rec No: 65833
- Seg ID: 62687_0_0.973
- Seg ID Old: 62687_0_0.9729
- From Node: 1225
- To Node: 980
- Down River Mile: 0
- Up River Mile: 0.972971
- WRDS: 62687
- Strahler: 2

A 'Zoom to' link is visible at the bottom of the pop-up window. The Esri logo is in the bottom right corner of the map area.

Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community; ESRI Streets: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

Attachment 2
Google Earth Imagery

