

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0265314
APS ID 1093565
Authorization ID 1448652

Applicant, Facility and Project Information

Applicant Name	<u>Michelle & Robert Olson</u>	Facility Name	<u>Michelle & Robert Olson SRSTP</u>
Applicant Address	<u>6017 Firman Road</u> <u>Erie, PA 16510-4515</u>	Facility Address	<u>6017 Firman Road</u> <u>Erie, PA 16510</u>
Applicant Contact	<u>Robert Olson</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 520-1724</u>	Facility Phone	<u></u>
Client ID	<u>353873</u>	Site ID	<u>823423</u>
SIC Code	<u>8800</u>	Municipality	<u>Harborcreek Township</u>
SIC Description	<u>Private Households</u>	County	<u>Erie</u>
Date Application Received	<u>June 29, 2023</u>	WQM Required	<u>Yes – Permit Received</u>
Date Application Accepted	<u></u>	WQM App. No.	<u></u>

Project Description This is a renewal of a Single Residence Sewage Treatment Plant (SRSTP) previously permitted under an Individual NPDES Permit.

Summary of Review

This is an existing discharge which serves an existing 5-bedroom home.

Act 14 – Notification was submitted and received.

Treatment currently consists of (WQM Permit No. 2517409): A Norweco Model 960-750 Singlair Green Aerobic Unit with a Bio-Film Reactor followed by UV disinfection.

There are no open violations in WMS for the subject Client ID (35873) as of 08/01/2023. [8/15/2023 CWY](#) It should be noted that this permit expired on 11/30/2022 and compliance sent a letter urging them to submit a renewal application on December 14, 2022.

EPA Waiver is in effect.

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		Dustin Hargenrater Dustin Hargenrater / Civil Engineer Trainee	August 7, 2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. / Environmental Engineer Manager	8/15/2023

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>.0006</u>
Latitude	<u>42° 8' 50.10"</u>	Longitude	<u>-79° 57' 43.82"</u>
Quad Name	<u>Harborcreek</u>	Quad Code	<u>42079B8</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary of Sixmile Creek (CWF, MF)</u>	Stream Code	<u>62349</u>
NHD Com ID	<u>123923721</u>	RMI	<u>0.0900</u>
Drainage Area	<u>0.12</u>	Yield (cfs/mi ²)	<u>0.022</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.0026</u>	Q ₇₋₁₀ Basis	<u>USGS – StreamStats</u>
Elevation (ft)	<u>829</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>68</u>	Default	<u></u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>Lake Erie</u>		
PWS Waters	<u>Lake Erie</u>	Flow at Intake (cfs)	<u>--</u>
PWS RMI	<u>--</u>	Distance from Outfall (mi)	<u>3.41</u>

Changes Since Last Permit Issuance: No changes since the last permit issuance.

Other Comments: No evidence that this facility has been pumped out or tested within the permit term has been submitted.

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, Total Suspended Solids, and Fecal Coliform are technology-based on Chapter 92a.47. The limits for pH are technology-based on Chapter 93.7.

Attachment 1
eMap – Location and Receiving Stream Data

The screenshot displays a web-based mapping application interface. At the top, there are navigation tabs: "Map", "eFacts Query", "Advanced Query", and "Filter Plant Source Search". Below these are map style options: "ESRI Streets & Imagery" (selected), "Topographic", and "National Geographic". A toolbar contains standard map controls like zoom in/out, pan, and a location pin icon. A "Locate Latitude and Longitude" dialog box is open in the top right, showing coordinates: Latitude 42° 8' 48.82" and Longitude -79° 57' 46.91". A popup window titled "PA Historic Streams (1 of 6)" is centered over a stream on the map, displaying the following data:

Name:	Trib 62349 Of Sixmile Creek
Net Streams:	65516
Shed:	15X
Named:	0
Rec No:	65516
Seg ID:	62349_0_0.477
Seg ID Old:	62349_0_0.477
From Node:	200
To Node:	175
Down River Mile:	0
Up River Mile:	0.477
WRDS:	62349
Strahler:	1

The popup also includes a "Zoom to" link. The map shows a stream network in blue, with a yellow 'X' marker at the specific location. A scale bar at the bottom left indicates 0 to 0.2 miles. The Esri logo is visible in the bottom right corner.

Imagery: undefined; 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 – Site Imagery

