

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0271764  
APS ID 1094145  
Authorization ID 1449721

**Applicant, Facility and Project Information**

Applicant Name	<u>Aaron &amp; Heather Sickles</u>	Facility Name	<u>Aaron &amp; Heather Sickles SRSTP</u>
Applicant Address	<u>45 E Townhall Road</u> <u>Waterford, PA 16441</u>	Facility Address	<u>45 E Townhall Road</u> <u>Waterford, PA 16441-4209</u>
Applicant Contact	<u>Aaron Sickles</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 392-2896</u>	Facility Phone	<u></u>
Applicant Email	<u>sicklesfam@yahoo.com</u>		
Client ID	<u>354076</u>	Site ID	<u>817735</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>July 3, 2023</u>	WQM Required	<u>Issued</u>
Date Application Accepted	<u>August 11, 2023</u>	WQM App. No.	<u>2518414</u>
Project Description	<u>Renewal NPDES Permit for a Single Residence Sewage Treatment Plant</u>		

**Summary of Review**

Renewal Permit for an SRSTP consists of: A Norweco Singulair Model 960-500 aerobic unit, a Norweco Bio Film reactor, and a Norweco LF1000 tablet chlorine disinfection unit.

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 (354076) as of August 17, 2023 [8/28/2023 CWY](#)

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 Trainee	August 17, 2023
X		Chad W. Yurisc Chad W. Yurisc, P.E. / Environmental Engineer Manager	8/28/2023

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>.0004</u>
Latitude	<u>42° 2' 15.65"</u>	Longitude	<u>-80° 01' 3.66"</u>
Quad Name	<u>Erie South</u>	Quad Code	<u>42080A1</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Walnut Creek (CWF, MF)</u>	Stream Code	<u>62437</u>
NHD Com ID	<u>123922888</u>	RMI	<u>21.12 (Approximately)</u>
Drainage Area	<u></u>	Yield (cfs/mi <sup>2</sup> )	<u></u>
Q <sub>7-10</sub> Flow (cfs)	<u>0</u>	Q <sub>7-10</sub> Basis	<u></u>
Elevation (ft)	<u>1208</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</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>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: Septic tank pumped on October 1, 2021. One Annual Maintenance Report has been found on file for reporting period: June 1, 2021 to May 31, 2022

**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
TRC	XXX	XXX	XXX	Report Avg Mo	XXX	XXX	1/month	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 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 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 DEP Home are on the right. The main map area shows aerial imagery with a blue stream highlighted. A popup window titled "Designated Use Streams (1 of 3)" is open, displaying the following details:

- Designated Use Gen ID: 16771
- GNIS Name: Walnut Creek
- GNIS ID: 01190542
- ReachCode: 04120101000173
- COMID: 123922888
- Length Miles: 1.227
- Map Symbology: CWF
- Length Miles: 1.227
- 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 Edit Date: Null

A "Locate Latitude and Longitude" dialog box is also visible, showing coordinates: Latitude: 42 2 15.65 and Longitude: -80 1 3.66. The map includes a legend on the left with categories for Regulated Facilities, Streams and Water Resources, and Boundaries. A scale bar at the bottom indicates 0 to 0.2 miles.