

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0271675
APS ID 1095049
Authorization ID 1451224

Applicant, Facility and Project Information

Applicant Name	<u>Ashley Sonney</u>	Facility Name	<u>Ashley Sonney SRSTP</u>
Applicant Address	<u>10333 Lake Pleasant Road</u> <u>Waterford, PA 16441</u>	Facility Address	<u>10333 Lake Pleasant Road</u> <u>Waterford, PA 16441</u>
Applicant Contact	<u>Ashley Sonney</u>	Facility Contact	<u></u>
Applicant Phone	<u></u>	Facility Phone	<u></u>
Client ID	<u>349053</u>	Site ID	<u>830583</u>
SIC Code	<u>4952,8800</u>	Municipality	<u>Greene Township</u>
SIC Description	<u>Private Households, Trans. & Utilities - Sewerage Systems</u>	County	<u>Erie</u>
Date Application Received	<u>August 1, 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 application for a Single Residence Sewage Treatment Plant (SRSTP) which serves an existing residential dwelling.

Summary of Review

This is an existing discharge which serves an existing 4-bedroom home.

Act 14 – Notification was submitted and received.

Treatment of this facility consists of (WQM Permit No. 2518413): A 1,000-gallon septic tank with pumping to a Jet J-500 Aerobic Unit with a Norweco LF 1000 Chlorinator and 675-gallon chlorine contact tank.

There are no open violations in WMS for the subject Client ID (459053) as of 08/18/2023. [8/28/2023 CWY](#)

This facility has submitted AMRs on time. The testing data provided within these AMRs give reason to believe this facility is in good working order. The tank was also pumped out on 6/22/2023.

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 18, 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>.0005</u>
Latitude	<u>42° 2' 19.40"</u>	Longitude	<u>-79° 56' 37.56"</u>
Quad Name	<u>Hammett</u>	Quad Code	<u>42079A8</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to East Branch LeBoeuf Creek (TSF)</u>	Stream Code	<u>53563</u>
NHD Com ID	<u>127349379</u>	RMI	<u>0.0700</u>
Drainage Area	<u>0.62</u>	Yield (cfs/mi ²)	<u>0.0397</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.0246</u>	Q ₇₋₁₀ Basis	<u>USGS - StreamStats</u>
Elevation (ft)	<u>1334</u>	Slope (ft/ft)	<u>--</u>
Watershed No.	<u>16-A</u>	Chapter 93 Class.	<u>TSF</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>Cambridge Spring Borough</u>		
PWS Waters	<u>French Creek</u>	Flow at Intake (cfs)	<u>51.45</u>
PWS RMI	<u>48.35</u>	Distance from Outfall (mi)	<u>38.3</u>

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

Other Comments: Based on the inspection report this facility is in good working order and is not expected to impact the receiving waters.

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 (MGD)	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	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, 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 Information

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 home. A "Streets" and "Imagery" layer control is visible on the left. The main map area shows a topographic view with a stream highlighted in blue. A popup window titled "PA Historic Streams (1 of 5)" is open over the stream, displaying the following details:

- Name: Trib 53563 To East Branch Le Boeuf Creek
- Net Streams: 110669
- Shed: 16A
- Named: 0
- Rec No: 110669
- Seg ID: 53563_0_1.725
- Seg ID Old: 53563_0_1.725
- From Node: 595
- To Node: 710
- Down River Mile: 0
- Up River Mile: 1.724987
- WRDS: 53563
- Strahler: 1

Below the popup, the coordinates "Latitude: 42.038722 Longitude: -79.943767" are displayed. A "Locate Latitude and Longitude" dialog box is also open in the top right, showing input fields for Degrees, Minutes, and Seconds for both Latitude (42, 2, 19.4) and Longitude (-79, 56, 37.56), with "Locate" and "Close" buttons. The map includes a scale bar (0 to 0.2 miles) and an "esri" logo in the bottom right corner.

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 – Site Imagery

