

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0292702
APS ID 1077111
Authorization ID 1420057

Applicant, Facility and Project Information

Applicant Name	<u>Elizabeth Coburn</u>	Facility Name	<u>Elizabeth Coburn SRSTP</u>
Applicant Address	<u>8111 Grubb Road</u> <u>McKean, PA 16426-1229</u>	Facility Address	<u>8111 Grubb Road</u> <u>McKean, PA 16426-1229</u>
Applicant Contact	<u>Elizabeth Coburn</u>	Facility Contact	<u></u>
Applicant Phone	<u>(814) 450-9472</u>	Facility Phone	<u></u>
Client ID	<u>374065</u>	Site ID	<u>860819</u>
SIC Code	<u>8800</u>	Municipality	<u>McKean Township</u>
SIC Description	<u>Private Households</u>	County	<u>Erie</u>
Date Application Received	<u>November 29, 2022</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>January 10, 2023</u>	WQM App. No.	<u>2522440</u>
Project Description	<u>Single Residence Sewage Treatment Plant</u>		

Summary of Review

This is a new discharge for an existing 3 bedrooms dwelling with proposed construction of a single residence sewage treatment plant to replace a malfunctioning on-lot sewage disposal system.

Proposed treatment will consist of (WQM Permit No. 2522440): Septic tank with a new Premier Tech EC7-500-P-P PACK Coco filter containing a UV disinfection unit and effluent pump.

Act 14 – Proof of Notification was submitted and received.

SPECIAL CONDITIONS: NONE

The 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		Aeshah Shameseldin Aeshah Shameseldin / Civil Engineer Trainee	January 10, 2023
X		Adam J. Pesek (Lead Reviewer) for Vacant / Environmental Engineer Manager	January 12, 2023

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	20.0	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 UV Disinfection.

Other Comments: Flow is monitor only based on Chapter 92a.61. The limits for BOD5 and Total Suspended Solids is BPJ-based on the Department's 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.

Outfall Location - eMap with Aerial Imagery

Legend

- Regulated Facilities and Related Information
- Streams and Water Resources
- Water Quality
 - Existing Use Streams
 - Cold Water Fish
 - Exceptional Value
 - High Quality
 - Trout Stocking
 - Warm Water Fish
 - Overlap
 - Designated Use Streams
 - Cold Water Fish
 - Exceptional Value
 - High Quality
 - Trout Stocking
 - Warm Water Fish
 - Overlap
 - Missing from CH93

Designated Use Streams (1 of 3)

Latitude: 42.018544 Lon: -80.008250

Designated Use Gen ID: 56335
GNIS Name:
GNIS ID:
ReachCode: 04120101000263
COMID: 123925643
Length Miles: 1.716
Map Symbology: CWF
Length Miles: 1.716
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](#)

Locate Latitude and Longitude

Decimal Degrees DD/MM/SS

Latitude: Degrees: 42 Minutes: 1 Seconds: 6.76
Longitude: -80 8 25.04

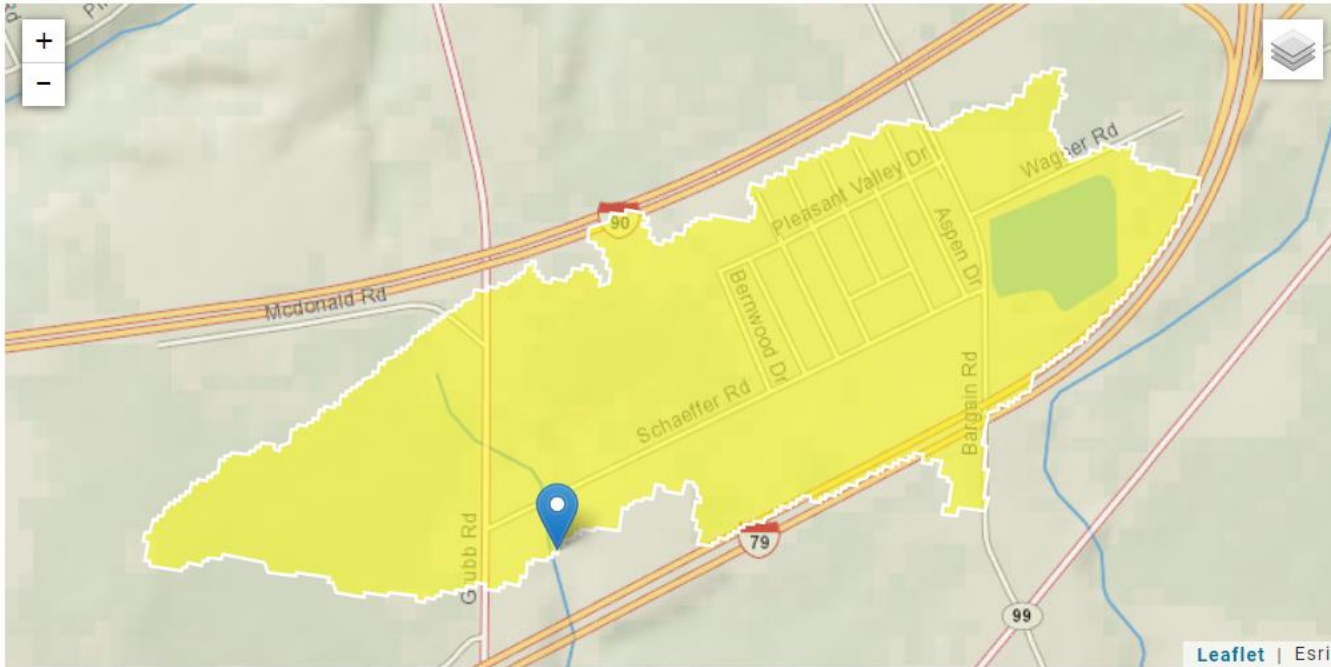
Locate Close

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

Drainage Area Location – StreamStats with Aerial Imagery

StreamStats Report

Region ID: PA
Workspace ID: PA20230110194107232000
Clicked Point (Latitude, Longitude): 42.01849, -80.14032
Time: 2023-01-10 14:41:58 -0500



+ Collapse All

➤ Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.45	square miles