

Application Type New  
Wastewater Type Sewage  
Facility Type SRSTP

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

Application No. PA0295787  
APS ID 1110692  
Authorization ID 1479065

**Applicant, Facility and Project Information**

Applicant Name	<u>James Obrien</u>	Facility Name	<u>James Obrien SRSTP</u>
Applicant Address	<u>2781 Second Street</u> <u>Eden, NY 14057</u>	Facility Address	<u>1841 Wolf Run Road</u> <u>Bradford, PA 16701</u>
Applicant Contact	<u>James O'Brien</u>	Facility Contact	<u></u>
Applicant Phone	<u>(716) 260-7920</u>	Facility Phone	<u></u>
Applicant Email	<u>jaob278@yahoo.com</u>		
Client ID	<u>384908</u>	Site ID	<u>869210</u>
SIC Code	<u>8800</u>	Municipality	<u>Corydon Township</u>
SIC Description	<u>Private Households</u>	County	<u>McKean</u>
Date Application Received	<u>March 11, 2024</u>	WQM Required	<u>Yes</u>
Date Application Accepted	<u>April 9, 2024</u>	WQM App. No.	<u>4224401</u>
Project Description	<u>Installation of a new Single Residence Sewage Treatment Plant</u>		

**Summary of Review**

This is a new discharge for an existing 2 bedrooms residential dwelling with proposed construction of a single residence sewage treatment plant to replace a malfunctioning on-lot sewage system. The average daily flow is projected to be 400 GPD.

Proposed treatment will consist of (WQM Permit No. 4224401): A Premier Tech EC7-500-P-P Pack coco filter unit with an integrated DiUV unit and pump preinstalled by the manufacturer. The point of discharge will be on the owner's property into a drainage channel to Chander Run, a HQ-CWF perennial creek.

Act 14 – Proof of Notification was submitted and received.

Act 537 Sewage Facilities Planning Module Component 3s was approved by the department on March 4, 2024.

SPECIAL CONDITIONS: NONE

The EPA waiver is in effect.

There are NO open violations in WMS for the subject Client ID (384908) as of April 21, 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		Aeshah Shameseldin Aeshah Shameseldin / Civil Engineer	April 21, 2024
		Vacant / Environmental Engineer Manager	Okay to Draft JCD 4/23/2024



**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	1/month	Grab
CBOD5	XXX	XXX	XXX	10.0	XXX	20.0	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20.0	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, 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 and the monitoring frequency has been established as “1/month” due to special protection watershed designation (High Quality – HQ).

Outfall Location - eMap with Aerial Imagery

The screenshot displays the Pennsylvania 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 state officials are on the right. The main map area shows aerial imagery with a blue stream. A legend on the left side categorizes streams by water quality (e.g., Cold Water Fish, Exceptional Value, High Quality, Trout Stocking, Warm Water Fish, Overlap) and boundaries (County, Municipalities). A 'Locate Latitude and Longitude' window is open in the top right, showing coordinates: Latitude 41° 59' 32.09" and Longitude -78° 49' 8.82". A data popup window titled 'Designated Use Streams (1 of 3)' is open over the stream, displaying the following details:

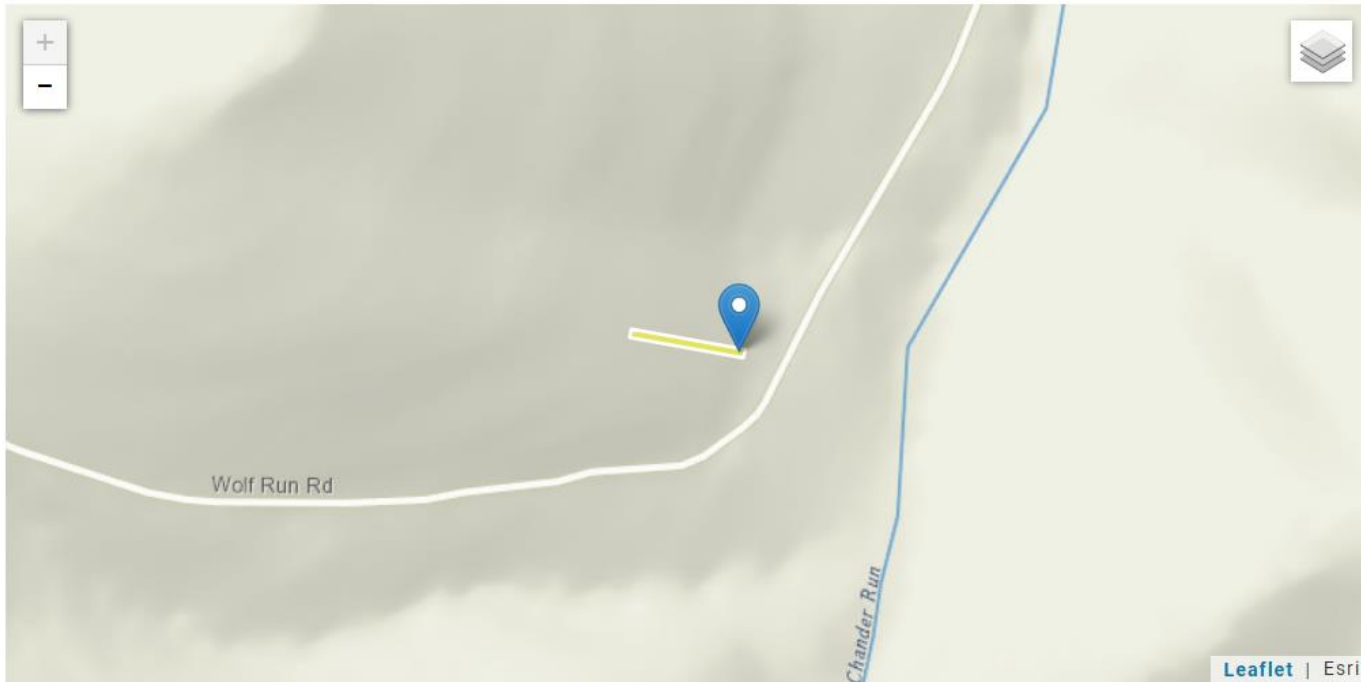
<b>Designated Use Gen ID:</b>	14904
<b>GNIS Name:</b>	Chander Run
<b>GNIS ID:</b>	01209490
<b>ReachCode:</b>	05010001002099
<b>COMID:</b>	112365541
<b>Length Miles:</b>	0.564
<b>Map Symbology:</b>	HQ
<b>Length Miles:</b>	0.564
<b>Designated Use:</b>	5
<b>DES Use ID:</b>	4
<b>Use Description:</b>	HQ-CWF(HIGH QUALITY-COLD WATER FISHES)
<b>Migratory_Fish:</b>	N
<b>HUC:</b>	05010001
<b>Basin:</b>	N
<b>Basin Narrative:</b>	Null
<b>Segment Narrative:</b>	Null
<b>Evaluation Date:</b>	Null
<b>Last Fdit Date:</b>	Null
<b>Zoom to</b>	<a href="#">Zoom to</a>

At the bottom of the map, a scale bar shows 0 to 0.2 miles. The footer text reads: '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'. The Esri logo is in the bottom right corner.

**Drainage Area Location – StreamStats with Aerial Imagery**

StreamStats Report

Region ID: PA  
Workspace ID: PA20240409194020775000  
Clicked Point (Latitude, Longitude): 41.99224, -78.81910  
Time: 2024-04-09 15:40:47 -0400



⊕ Collapse All

➤ Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.000463	square miles