

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0271489
APS ID 1071935
Authorization ID 1411320

Applicant, Facility and Project Information

Applicant Name	<u>David Anzaldi</u>	Facility Name	<u>David Anzaldi SRSTP</u>
Applicant Address	<u>125 Old Route 68</u> <u>Evans City, PA 16033-7613</u>	Facility Address	<u>635 Gibson Road</u> <u>Emlenton, PA 16373</u>
Applicant Contact	<u>David Anzaldi</u>	Facility Contact	<u></u>
Applicant Phone	<u>(412) 855-0889</u>	Facility Phone	<u></u>
Applicant Email	<u>anzaldis@zoominternet.net</u>		
Client ID	<u>342579</u>	Site ID	<u>829200</u>
SIC Code	<u>8800</u>	Municipality	<u>Licking Township</u>
SIC Description	<u>Private Households</u>	County	<u>Clarion</u>
Date Application Received	<u>September 21, 2022</u>	WQM Required	<u>Issued</u>
Date Application Accepted	<u>December 29, 2022</u>	WQM App. No.	<u>1618404</u>
Project Description	<u>Renewal of an NPDES Permit for a Single Residence Sewage Treatment Plant.</u>		

Summary of Review

Renewal Permit for a SRSTP consisting of: A 1,000 gallon dual compartment septic tank with a Zabel A300 effluent filter, a Premier Tech EC7-500P concrete Coco Filter, and a second 1,000 gallon dual compartment septic tank including a Salcor 3G Ultraviolet (UV) light disinfection unit and an effluent pump in the second compartment.

Act 14 – Proof of Notification was submitted and received.

SPECIAL CONDITIONS: None.

There are NO open violations in WMS for the subject Client ID (342579) as of December 29, 2022. [4/5/2023 CWY](#)

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
✕		Aeshah Shameseldin Aeshah Shameseldin / Civil Engineer Trainee	December 29, 2022
X		Chad W. Yurisc Chad W. Yurisc, P.E. / Environmental Engineer Manager	4/5/2023

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>41° 9' 33.8"</u>	Longitude	<u>-79° 34' 39.72"</u>
Quad Name	<u>Knox</u>	Quad Code	<u>41079B5</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Clarion River (CWF)</u>	Stream Code	<u>49264</u>
NHD Com ID	<u>102671351</u>	RMI	<u>1.37</u>
Drainage Area	<u>0.16</u>	Yield (cfs/mi ²)	<u>0.1</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.016</u>	Q ₇₋₁₀ Basis	<u>Default</u>
Elevation (ft)	<u>1258</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>17-B</u>	Chapter 93 Class.	<u>CWF</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	
Temperature (°F)	<u>20</u>	Default	
Hardness (mg/L)	<u>100</u>	Default	
Other:	<u></u>		
Nearest Downstream Public Water Supply Intake	<u>PA American Water Company – Clarion</u>		
PWS Waters	<u>Clarion River</u>	Flow at Intake (cfs)	<u>90.7</u>
PWS RMI	<u>33.3</u>	Distance from Outfall (mi)	<u>23.7 (Approximately)</u>

Changes Since Last Permit Issuance: None.

Other Comments: AMRs have 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	20.0	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.

Outfall Location - eMap with Aerial Imagery

The screenshot displays the Pennsylvania eMapPA web application. 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 interface includes a legend on the left, a map area in the center, and a data popup on the right.

Legend:

- Regulated Facilities and Related Information
- Streams and Water Resources
 - Surface Water Related
 - PA Historic Streams
 - 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
- Boundaries
 - County Boundaries
 - Municipalities
 - 7.5 Minute Quad Boundaries

Map Area:

The map shows aerial imagery with a cyan line representing a stream. A yellow 'X' marks a specific location on the stream with the text "Latitude: 41.159389 Longitude: -79.343972". A scale bar at the bottom left indicates 0, 100, and 200 feet.

Data Popup: Designated Use Streams (1 of 4)

- Designated Use Gen ID: 54879
- GNIS Name:
- GNIS ID:
- ReachCode: 05010005000390
- COMID: 102671351
- Length Miles: 0.704
- Map Symbology: CWF
- Length Miles: 0.704
- Designated Use: 1
- DES Use ID: 1
- Use Description: CWF(COLD WATER FISHES)
- Migratory Fish: N
- HUC: 05010005
- Basin: N
- Basin Narrative: Null
- Segment Narrative: Null
- Evaluation Date: Null
- [Zoom to](#)

Locate Latitude and Longitude:

Options: Decimal Degrees, DD/MM/SS

Latitude: Degrees: 41, Minutes: 9, Seconds: 33.8

Longitude: Degrees: -79, Minutes: 34, Seconds: 39.72

Buttons:

Footer: 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. POWERED BY esri

Drainage Area Location – StreamStats with Aerial Imagery

StreamStats Report

Region ID:

PA

Workspace ID:

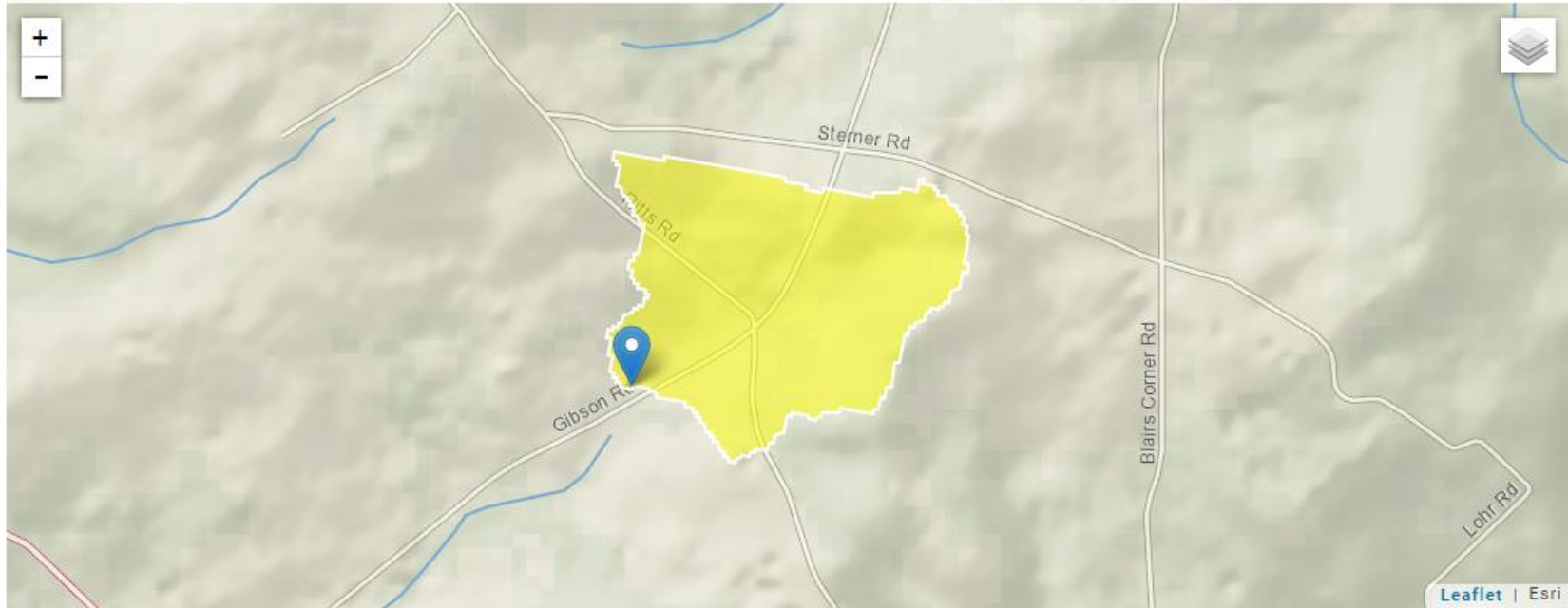
PA20221229150032344000

Clicked Point (Latitude, Longitude):

41.15947, -79.57774

Time:

2022-12-29 10:00:53 -0500



+ Collapse All

> Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.16	square miles