

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0265292
APS ID 1070074
Authorization ID 1407721

Applicant, Facility and Project Information

Applicant Name	<u>David Hogue</u>	Facility Name	<u>David Hogue SRSTP</u>
Applicant Address	<u>230 Pine Drive</u> <u>Butler, PA 16002</u>	Facility Address	<u>230 Pine Drive</u> <u>Butler, PA 16002</u>
Applicant Contact	<u>David Hogue</u>	Facility Contact	<u></u>
Applicant Phone	<u>(724) 996-8581</u>	Facility Phone	<u></u>
Client ID	<u>342449</u>	Site ID	<u>822622</u>
SIC Code	<u>8800</u>	Municipality	<u>Summit Township</u>
SIC Description	<u>Private Households</u>	County	<u>Butler</u>
Date Application Received	<u>August 22, 2022</u>	WQM Required	<u>Issued</u>
Date Application Accepted	<u>December 30, 2022</u>	WQM App. No.	<u>1017405</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: Norweco Singulair Bio-Kinetic Model 960 Aerobic Unit, Norweco Biofilm Reactor and a Salcor UV disinfection unit. (400 GPD design)

Act 14 – Proof of Notification was submitted and received.

SPECIAL CONDITIONS: None.

There are NO open violations in WMS for the subject Client ID (342449) as of December 30, 2022. [3/29/2023 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 30, 2022
X		Chad W. Yurisc Chad W. Yurisc, P.E. / Environmental Engineer Manager	3/29/2023

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>40° 50' 46.34"</u>	Longitude	<u>-79° 49' 31.32"</u>
Quad Name	<u>Saxonburg</u>	Quad Code	<u>40079G7</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Coal Run (WWF)</u>	Stream Code	<u>35133</u>
NHD Com ID	<u>126221595</u>	RMI	<u>1.69</u>
Drainage Area	<u>---</u>	Yield (cfs/mi ²)	<u>---</u>
Q ₇₋₁₀ Flow (cfs)	<u>0</u>	Q ₇₋₁₀ Basis	<u>---</u>
Elevation (ft)	<u>1321</u>	Slope (ft/ft)	<u>---</u>
Watershed No.	<u>20-C</u>	Chapter 93 Class.	<u>WWF</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>	<u>Default</u>	
Temperature (°F)	<u>25</u>	<u>Default</u>	
Hardness (mg/L)	<u>100</u>	<u>Default</u>	
Other:	<u> </u>	<u> </u>	
Nearest Downstream Public Water Supply Intake	<u>Beaver Falls Municipal Authority - Eastvale</u>		
PWS Waters	<u>Beaver River</u>	Flow at Intake (cfs)	<u>561</u>
PWS RMI	<u>5</u>	Distance from Outfall (mi)	<u>58 (Approximately)</u>

Changes Since Last Permit Issuance: None.

Other Comments: NO AMRs have been submitted to DEP.

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	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, 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 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 purple line representing a stream. A popup window titled 'Designated Use Streams (1 of 4)' is open, displaying the following details:

Designated Use Gen ID:	28864
GNIS Name:	
GNIS ID:	
ReachCode:	05030105000267
COMID:	126221595
Length Miles:	1.595
Map Symbology:	WWF
Length Miles:	1.595
Designated Use:	12
DES Use ID:	8
Use Description:	WWF(WARM WATER FISHES)
Migratory_Fish:	N
HUC:	05030105
Basin:	N
Basin Narrative:	Null
Segment Narrative:	Null
Evaluation Date:	Null
Last Fdit Date:	Null
Zoom to	

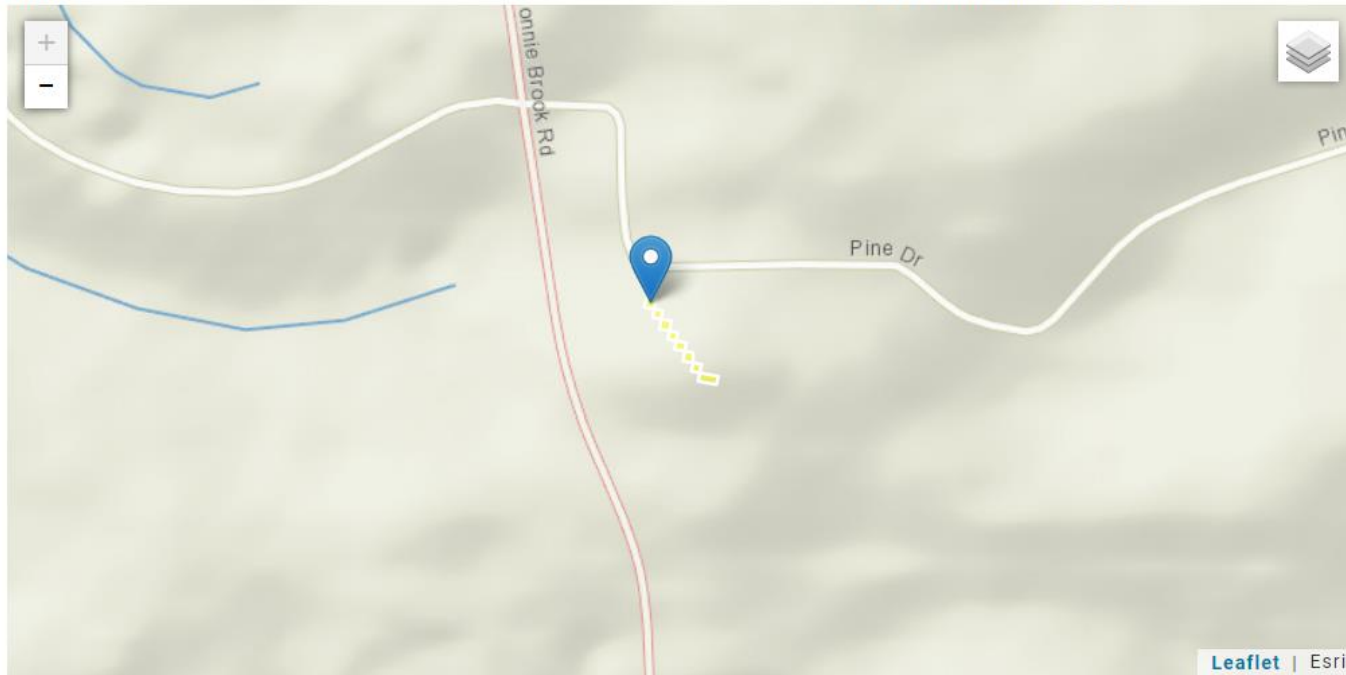
Coordinates for the selected stream are Latitude: 40.846206 and Longitude: -79.825367. A 'Locate Latitude and Longitude' dialog box is also visible on the right side of the map, showing input fields for Degrees, Minutes, and Seconds for both Latitude and Longitude, with 'Locate' and 'Close' buttons.

The legend on the left side of the map is expanded to show 'Designated Use Streams' with color-coded entries for Cold Water Fish, Exceptional Value, High Quality, Trout Stocking, Warm Water Fish, and Overlap. A scale bar at the bottom left indicates 0, 300, and 600 feet. The bottom right corner features the Esri logo and the text 'POWERED BY esri'.

Drainage Area Location – StreamStats with Aerial Imagery

StreamStats Report

Region ID: PA
Workspace ID: PA20221230150607115000
Clicked Point (Latitude, Longitude): 40.84621, -79.82538
Time: 2022-12-30 10:06:32 -0500



+ Collapse All

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	0.000348	square miles