Pennsylvania Department of Environmental Protection

Southcentral Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0247950**
Wastewater Type	**Sewage**	APS ID	**1070755**
Facility Type	**SRSTP**	Authorization ID	**1476511**

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Applicant, Facility and Project Information

Applicant Name	**Bradley Focht & Jessica Blymire**	Facility Name	**361 Lower Glades Road SRSTP**
Applicant Address	3461 Lower Glades Road	Facility Address	3461 Lower Glades Road
	York, PA 17406-6930		York, PA 17406-6930
Applicant Contact	Bradley Focht	Facility Contact	Bradley Focht
Applicant Phone	(717) 599-9890	Facility Phone	(717) 599-9890
Client ID	372252	Site ID	646963
SIC Code	4952	Municipality	Springettsbury Township
SIC Description	Trans. & Utilities - Sewerage Systems	County	York
Date Application Received	March 12, 2024	WQM Required	
Date Application Accepted	April 1, 2024	WQM App. No.	

Project Description: Renewal of existing discharge permit

Summary of Review

NPDES permit renewal application was submitted for the existing single residence sewage treatment plant in Springettsbury Township, York County.

DEP has prepared this report for the applications for both NPDES and WQM permits. Based on the review outlined in this report, it is recommended that the NPDES permit be drafted and published in the Pennsylvania Bulletin for public comments for 30 days.

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		*Aaron Baar* Aaron Baar / Project Manager	March 31, 2025
x		*Daniel W. Martin* Daniel W. Martin, P.E. / Environmental Engineer Manager	April 2, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	.0004
Latitude	40º 0' 45.45"	Longitude	-76º 41' 4.70"
Quad Name	York Haven	Quad Code	1832
Wastewater Description:	Sewage Effluent		
Receiving Waters	Unnamed Tributary to Codorus Creek (WWF)	Stream Code	08044
NHD Com ID	57466845	RMI	0.65
Drainage Area	0.27 sq. mi	Yield (cfs/mi^2)	0.1759
Q_{7-10} Flow (cfs)	0.0475	Q_{7-10} Basis	USGS StreamStats
Elevation (ft)	536.11	Slope (ft/ft)	
Watershed No.	7-H	Chapter 93 Class.	WWF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired		
Cause(s) of Impairment	FLOW REGIME MODIFICATION		
Source(s) of Impairment	RURAL (RESIDENTIAL AREAS)		
TMDL Status		Name	

Background/Ambient Data		Data Source
pH (SU)		
Temperature (°F)		
Hardness (mg/L)		
Other:		

Nearest Downstream Public Water Supply Intake	Wrightsville Water Supply Company		
PWS Waters	Susquehanna River	Flow at Intake (cfs)	
PWS RMI		Distance from Outfall (mi)	~15

Changes Since Last Permit Issuance: After the previous renewal permit was issued to James Speed in 2019, the permit was transferred to Bradley Focht & Jessica Blymire in October 2022.

The discharge is to an Unnamed Tributary to Codorus Creek, which is classified as WWF (Warm Water Fishery). The 2024 Integrated Report shows that the receiving water in the vicinity of the discharge is impaired for aquatic life and recreation. The aquatic life impairment is due to flow regime modification due to rural residential areas; the impairment is listed as a Category 4c, which means that the receiving water is impaired for one or more uses, not needing a TMDL because the impairment is not caused by a pollutant. The recreation impairment is due to pathogens (source unknown); the impairment is listed as a Category 5, which means that the receiving water is impaired for one or more uses by a pollutant that requires the development of a TMDL. No TMDL has been developed to date, so local watershed TMDL has been taken into consideration during this review.

The nearest downstream public water supply intake is the Wrightsville Water Supply Company intake located on the Susquehanna River, approximately 15 miles from the discharge point. Considering the dilution and distance from the intake, the discharge is not expected to affect the water supply.

Existing Effluent Limitations and Monitoring Requirements

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	Average Monthly	Maximum	Instant. Maximum		
Flow (GPD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	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 Geo Mean	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001

Compliance History	
Summary of DMRs:	Self-reported effluent test results in application are within permit limits.
Summary of Inspections:	N/A

Treatment Facility Summary

The facility is a SRSTP (0.0004 MGD) serving a private residence. The treatment system, according to Department records, is as follows:

- Two-compartment 1000-gallon septic tank with Zabel A-300 filters
- One 500-gallon dosing tank
- One 60 sq.ft. free access sand filter
- One tablet chlorinator
- One 200-gallon chlorine contact tank

The original Water Quality Management (WQM) Permit No. 6705410 was first issued on November 28, 2005.

Compliance History

As of March 31, 2025, there are no open violations associated with the applicant.

Development of Effluent Limitations and Monitoring Requirements

All proposed effluent limitations and monitoring requirements are recommended by the DEPs Standard Operating Procedure (SOP) for New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Applications (SOP No. BPNPSM-PMT-003). The facility will utilize chlorine for disinfection; therefore, a monthly monitoring requirement for total residual chlorine will be maintained in this renewal. The permittee will be required to submit a completed Annual Maintenance Report (AMR) as a part of permit requirements. No Discharge Monitoring Report (DMR) is necessary for any facilities that are required to report effluent monitoring results on AMRs annually.

Chapter 93.4a(b) of the Department's rules and regulations require that "existing instream water uses and the level of water quality necessary to protect the existing uses shall be maintained and protected." The discharge will be to non-special protection waters/watershed. No high-quality waters will be impacted by this discharge. No exceptional value waters will be impacted by this discharge. The receiving water is not subject to a TMDL. All effluent limitations and monitoring requirements have been developed to ensure that existing instream water uses and the level of water quality necessary to protect the existing uses are maintained and protected.

Facilities that are designed based on a flow of less than 2,000 GPD are exempt from the Bay requirements. Accordingly, it is not necessary for the permittee to perform nutrient monitoring.

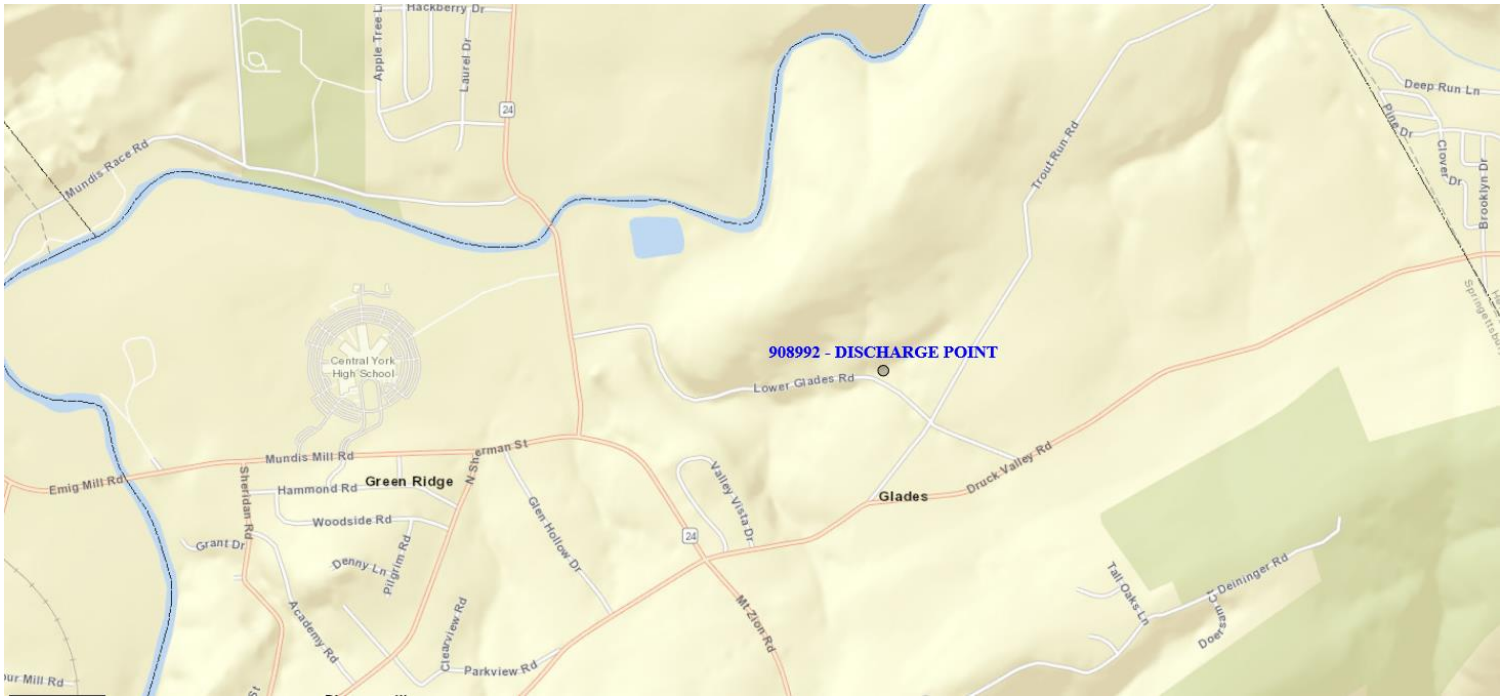
Proposed Effluent Limitations and Monitoring Requirements

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.

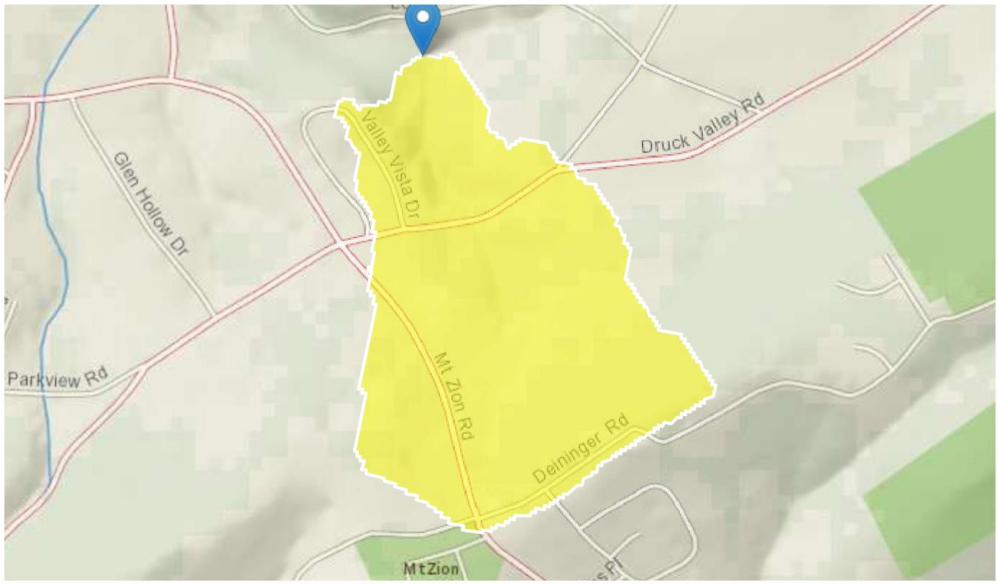
Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) (1)		Concentrations (mg/L)				Minimum (2) Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (GPD)	Report	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	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 Geo Mean	XXX	XXX	1/year	Grab

Compliance Sampling Location: Outfall 001


908992 - DISCHARGE POINT
Lower Glades Rd
Central York High School
Mundis Mill Rd
Green Ridge
Hammond Rd
Woodside Rd
Emig Mill Rd
Sheridan Rd
Grant Dr
Denny Ln
Pilgrim Rd
Academy Rd
Clearview Rd
Parkview Rd
Glen Hollow Dr
Valley Vista Dr
Glades
Druck Valley Rd
Mt Zion Rd
Trout Run Rd
Mundis Race Rd
Apple Tree Ln
Hackberry Dr
Laurel Dr
Deep Run Ln
Clover Dr
Brooklyn Dr
Tall Oaks Ln
Deininger Rd
24

StreamStats Report

Region ID: PA
Workspace ID: PA20250328182150254000
Clicked Point (Latitude, Longitude): 40.01268, -76.68470
Time: 2025-03-28 14:22:24 -0400



Collapse All

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
BSLOPD	Mean basin slope measured in degrees	7.0723	degrees
DRNAREA	Area that drains to a point on a stream	0.27	square miles
ROCKDEP	Depth to rock	4.9	feet
URBAN	Percentage of basin with urban development	0	percent

Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 1]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
BSLOPD	Mean Basin Slope degrees	7.0723	degrees	1.7	6.4
DRNAREA	Drainage Area	0.27	square miles	4.78	1150
ROCKDEP	Depth to Rock	4.9	feet	4.13	5.21
URBAN	Percent Urban	0	percent	0	89

Low-Flow Statistics Disclaimers [Low Flow Region 1]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors.

Low-Flow Statistics Flow Report [Low Flow Region 1]

Statistic	Value	Unit
7 Day 2 Year Low Flow	0.101	ft^3/s
30 Day 2 Year Low Flow	0.12	ft^3/s
7 Day 10 Year Low Flow	0.0475	ft^3/s
30 Day 10 Year Low Flow	0.0597	ft^3/s
90 Day 10 Year Low Flow	0.0787	ft^3/s

Low-Flow Statistics Citations

Stuckey, M.H.,2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p. (http://pubs.usgs.gov/sir/2006/5130/)