

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0267007
APS ID 1071005
Authorization ID 1507579

Applicant, Facility and Project Information

Applicant Name	<u>Clifton Peach</u>	Facility Name	<u>303 Capitol Hill Rd SRSTP</u>
Applicant Address	<u>303 Capitol Hill Road</u> <u>Dillsburg, PA 17019-9744</u>	Facility Address	<u>303 Capitol Hill Road</u> <u>Dillsburg, PA 17019</u>
Applicant Contact	<u>Clifton Peach</u>	Facility Contact	<u>Clifton Peach</u>
Applicant Phone	<u>(717) 601-8870</u>	Facility Phone	<u>(301) 712-5735</u>
Client ID	<u>372315</u>	Site ID	<u>838767</u>
SIC Code	<u>4952</u>	Municipality	<u>Franklin Township</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>York</u>
Date Application Received	<u>November 10, 2024</u>	WQM Required	<u>N/A</u>
Date Application Accepted	<u>November 26, 2024</u>	WQM App. No.	<u></u>
Project Description	<u>Renewal of existing discharge permit</u>		

Summary of Review

A NPDES permit renewal application was submitted for the existing single residence sewage treatment plant located at 303 Capitol Hill Road in Franklin Township, York County. 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	June 6, 2025
x		Daniel W. Martin Daniel W. Martin, P.E. / Environmental Engineer Manager	July 11, 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	40° 3' 23.70"	Longitude	-77° 3' 45.06"
Quad Name	Dillsburg	Quad Code	
Wastewater Description: Sewage Effluent			
Receiving Waters	North Branch Bermudian Creek (WWF, MF)	Stream Code	08640
NHD Com ID	57467133	RMI	8.67
Drainage Area	5.6 sq. mi.	Yield (cfs/mi²)	0.1030
Q ₇₋₁₀ Flow (cfs)	0.577	Q ₇₋₁₀ Basis	USGS StreamStats
Elevation (ft)	514.53	Slope (ft/ft)	
Watershed No.	7-F	Chapter 93 Class.	WWF, MF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Impaired		
Cause(s) of Impairment	NUTRIENTS		
Source(s) of Impairment	AGRICULTURE		
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 Intake		
PWS Waters	Susquehanna River	Flow at Intake (cfs)	
PWS RMI	43.5 miles	Distance from Outfall (mi)	55.8

Changes Since Last Permit Issuance: After the original permit was issued to Teresa Caldwell in 2019, the permit was transferred to Clifton Peach in September 2022.

The discharge is to North Branch Bermudian Creek, which is classified as WWF (Warm Water Fishes) and MF (Migratory Fishes). 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 agriculture; 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. The recreation impairment is due to pathogens (source unknown); the impairment is also listed as a Category 5. 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 55 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 (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
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

Compliance History	
Summary of DMRs:	N/A
Summary of Inspections:	N/A

Treatment Facility Summary

The facility is a SRSTP (0.0004 MGD) serving a 3-bedroom private residence. The treatment system, according to Department records, is as follows:

- EC7-500-P-G-Pack (integrated septic tank)
- UV Disinfection
- Outfall

The original Water Quality Management (WQM) Permit No. 6705410 was first issued on November 27, 2019.

Compliance History

As of June 6, 2025, there are no open violations associated with the applicant.

Development of Effluent Limitations and Monitoring Requirements
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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 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.

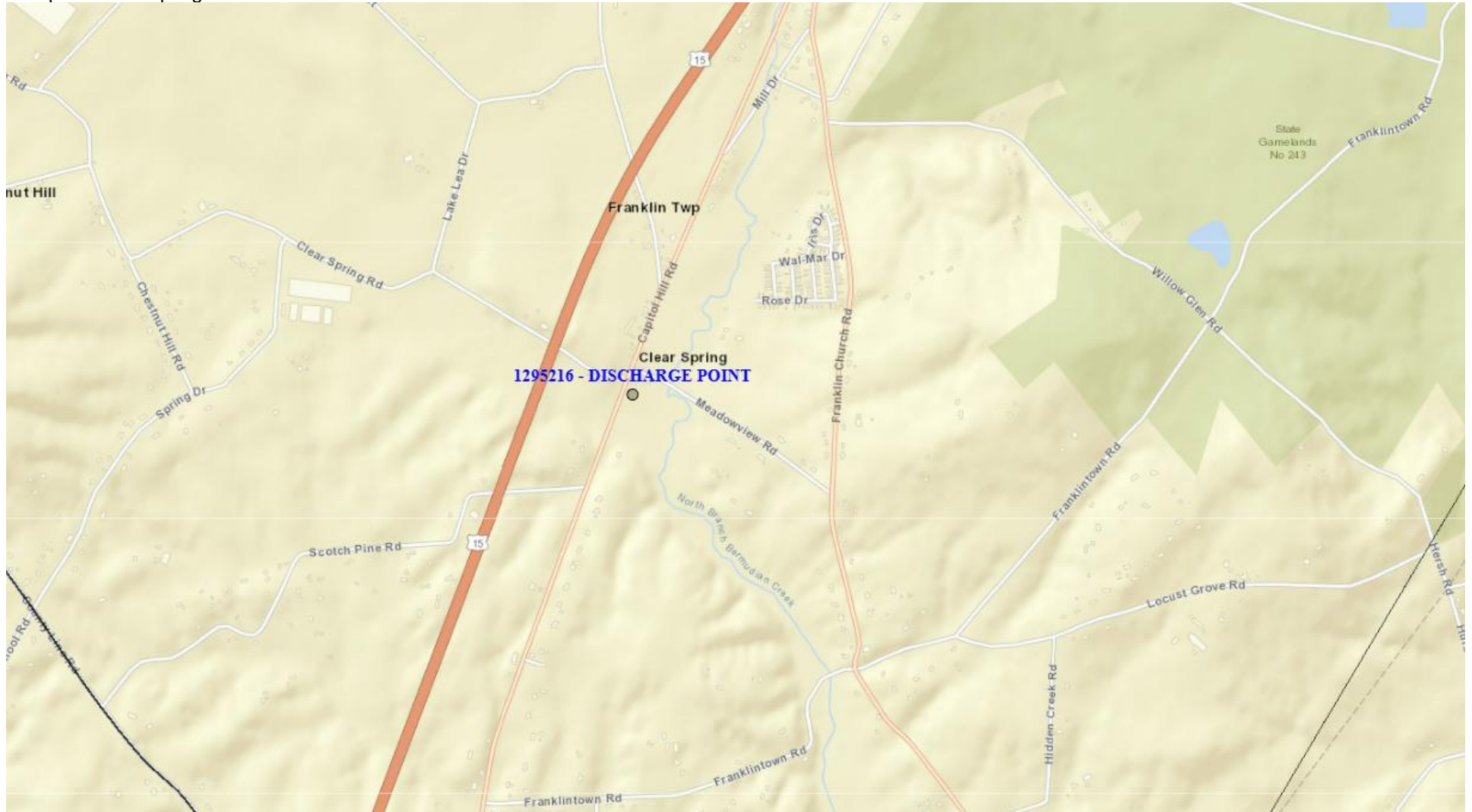
Proposed Effluent Limitations and Monitoring Requirements

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.

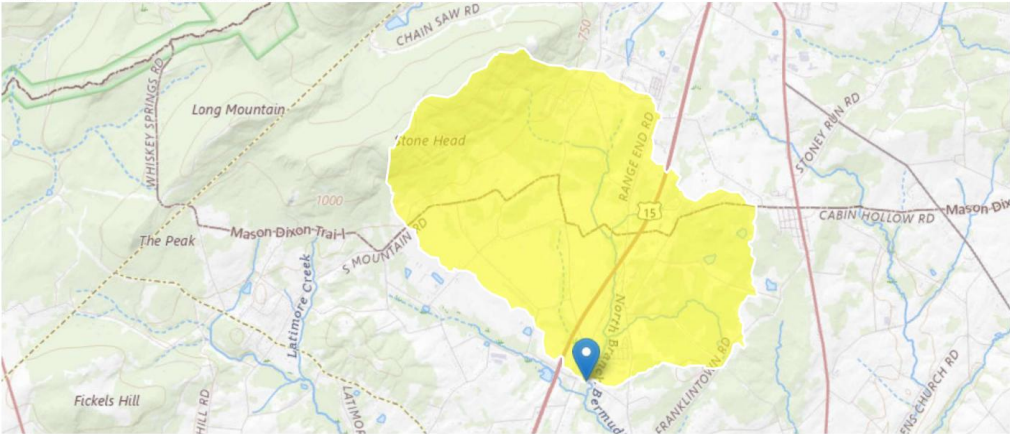
Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
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



StreamStats Report

Region ID: PA
Workspace ID: PA20250606150035764000
Clicked Point (Latitude, Longitude): 40.05671, -77.06253
Time: 2025-06-06 11:00:59 -0400



Collapse All

> Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
BSLOPD	Mean basin slope measured in degrees	4.8764	degrees
DRNAREA	Area that drains to a point on a stream	5.6	square miles
ROCKDEP	Depth to rock	4.8	feet
URBAN	Percentage of basin with urban development	0.6019	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	4.8764	degrees	1.7	6.4
DRNAREA	Drainage Area	5.6	square miles	4.78	1150
ROCKDEP	Depth to Rock	4.8	feet	4.13	5.21
URBAN	Percent Urban	0.6019	percent	0	89

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

PIL: Lower 90% Prediction Interval, PIU: Upper 90% Prediction Interval, ASEp: Average Standard Error of Prediction, SE: Standard Error, PC: Percent Correct, RMSE: Root Mean Squared Error, PseudoR^2: Pseudo R Squared (other -- see report)

Statistic	Value	Unit	SE	ASEp
7 Day 2 Year Low Flow	1.24	ft^3/s	46	46
30 Day 2 Year Low Flow	1.59	ft^3/s	38	38
7 Day 10 Year Low Flow	0.577	ft^3/s	51	51
30 Day 10 Year Low Flow	0.761	ft^3/s	46	46
90 Day 10 Year Low Flow	1.16	ft^3/s	41	41

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/>)

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Application Version: 4.29.1
StreamStats Services Version: 1.2.22
NSS Services Version: 2.2.1