

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0057801
APS ID 1126315
Authorization ID 1507570

Applicant, Facility and Project Information

Applicant Name <u>Bennington J Brad</u>	Facility Name <u>Bennington SRSTP</u>
Applicant Address <u>520 Ridge Valley Road</u> <u>Sellersville, PA 18960-1136</u>	Facility Address <u>520 Ridge Valley Road</u> <u>Sellersville, PA 18960-1136</u>
Applicant Contact <u>Brad Bennington</u>	Facility Contact <u>Brad Bennington</u>
Applicant Phone <u>(267) 987-8622</u>	Facility Phone <u>(267) 987-8622</u>
Client ID <u>145453</u>	Site ID <u>502965</u>
SIC Code <u>8811</u>	Municipality <u>West Rockhill Township</u>
SIC Description <u>Services - Private Households</u>	County <u>Bucks</u>
Date Application Received <u>November 1, 2024</u>	WQM Required <u>No, NPDES renewal</u>
Date Application Accepted <u>N/A</u>	WQM App. No. <u>N/A</u>
Project Description <u>Permit Renewal.</u>	

Summary of Review

The applicant requested a permit renewal for the Bennington SRSTP. The discharge is 400 gallons per day (gpd) to Tributary 01375 to Ridge Valley Creek which is part of the Perkiomen Creek Watershed (03E) and the larger Delaware River Basin. The water is classified as High Quality-Trout Stocking Fishes (HQ-TSF) and Migratory Fishes (MF). The treatment plant is a Norweco 96/Bio-Microbics system consisting of aerobic treatment tanks, a free access sand filter, and a 200-gallon chlorine contact chamber with a chlorination system (WQM permit 0999410).

The permit limitations and sampling frequencies were retained in this permit renewal.

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.

There are no proposed changes to the treatment system, flow-rate or discharge, therefore existing limits are carried over for this permit renewal (except for the aforementioned changes). Permit limitations are based on technology limitations (ABACT) and best professional judgment/standard practices.

Approve	Deny	Signatures	Date
X		<i>Christian French</i> Christian French / Environmental Engineering Specialist	February 13, 2025
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	February 13, 2025

Summary of Review

Act 14 Notifications:
West Rockhill Township received 10/24/2024
Bucks County Department of Health received 10/20/2024

Proposed Part C Conditions:

- A. AMR to DEP
- B. DMR to DEP if Attached
- C. 1/year Measure Depth of Septage and Scum
- D. Septic Tanks Pumped Once Every Three Years
- E. Total Residual Chlorine Requirement
- F. No Stormwater
- G. Necessary Property Rights
- H. Proper Sludge Disposal
- I. Abandon STP when Municipal Sewers Available

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	001	Design Flow (MGD)	0.0005
Latitude	40° 22' 2.35"	Longitude	-75° 21' 4.10"
Quad Name		Quad Code	
Wastewater Description:		Sewage Effluent	
Receiving Waters	Unnamed Tributary to Ridge Valley Creek (HQ-TSF, MF)	Stream Code	01375
NHD Com ID	25999740	RMI	0.32
Drainage Area	0.3 mi ²	Yield (cfs/mi ²)	0.016
Q ₇₋₁₀ Flow (cfs)	0.00476	Q ₇₋₁₀ Basis	PA Stream Stats
Elevation (ft)	545	Slope (ft/ft)	1.6
Watershed No.	3-E	Chapter 93 Class.	HQ-TSF, MF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Attaining Use(s)		
TMDL Status	N/A	Name	
Nearest Downstream Public Water Supply Intake		None	

Changes Since Last Permit Issuance: None

Other Comments: Creek is also called Tributary 01375 to Ridge Valley Creek.

Compliance History	
Summary of DMRs:	AMRs are submitted as required. The septic tank was reportedly pumped in June 2024. The treatment plant is reportedly serviced by George Allen.
Summary of Inspections:	Last inspection was 02/10/2025 by Paul Jardel; no violations were noted.

Other Comments: **None**

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
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/year	Grab
DO	XXX	XXX	6.0 Inst Min	XXX	XXX	XXX	1/year	Grab
TRC*	XXX	XXX	XXX	Report	XXX	XXX	See Permit	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 Geo Mean	XXX	XXX	1/year	Grab
Ammonia Nov 1 - Apr 30	XXX	XXX	XXX	4.5 Annl Avg	XXX	9.0	Upon Request	Grab
Ammonia May 1 - Oct 31	XXX	XXX	XXX	1.5	XXX	3.0	1/year	Grab

Compliance Sampling Location: Outfall 001

Other Comments: *TRC shall be monitor monthly and reported annually in AMR.