

Application Type New
Wastewater Type Sewage
Facility Type SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0209571
APS ID 1121114
Authorization ID 1498607

Applicant, Facility and Project Information

Applicant Name <u>Dorman Mary R</u>	Facility Name <u>Mary Dorman SRSTP</u>
Applicant Address <u>1665 Johnstown Road</u> <u>Mifflinburg, PA 17844-6911</u>	Facility Address <u>1665 Johnstown Road</u> <u>Mifflinburg, PA 17844-6911</u>
Applicant Contact <u>Mary Dorman</u>	Facility Contact <u>Mary Dorman</u>
Applicant Phone <u>(570) 966-0627</u>	Facility Phone <u>(570) 966-0627</u>
Client ID <u>381437</u>	Site ID <u>481684</u>
SIC Code <u>4952</u>	Municipality <u>West Buffalo Township</u>
SIC Description <u>Sewage</u>	County <u>Union</u>
Date Application Received <u>September 5, 2024</u>	WQM Required <u>No, already exists</u>
Date Application Accepted <u>9/19/24</u>	WQM App. No. <u>6097402</u>
Project Description <u>Renewal of SRSTP NPDES permit</u>	

Summary of Review

The above permittee has submitted an NPDES renewal application for the existing 400 gallons per day discharge (Outfall 001) from a Single Residence Sewage Treatment Plant (SRSTP). The discharge is to an Unnamed Tributary to North Branch Buffalo Creek, which is classified as High Quality-Cold Water Fishes per the Department's Chapter 93 Regulations. The treatment plant consists of a 1000-gallon septic tank, 600 square foot sand filter, and tablet chlorination. The design, construction, and operation of the treatment plant was approved by the Department via Water Quality Management Permit No. 6097402.

Unless otherwise noted, all applicable Department Standard Operating Procedures (SOPs) were used during this review. It is recommended the permit be drafted as documented within this fact sheet.

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		<i>Chad A. Fabian</i> Chad A. Fabian / Project Manager	January 27, 2025
X		<i>Nicholas W. Hartranft, P.E.</i> Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	January 28, 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° 57' 2.75"	Longitude	-77° 3' 42.89"
Quad Name	n/a	Quad Code	n/a
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to North Branch Buffalo Creek (HQ-CWF)	Stream Code	19037
NHD Com ID	66920973	RMI	1.7
Drainage Area	n/a, no modeling required	Yield (cfs/mi ²)	n/a
Q ₇₋₁₀ Flow (cfs)	n/a	Q ₇₋₁₀ Basis	n/a
Elevation (ft)	600	Slope (ft/ft)	n/a
Watershed No.	10C	Chapter 93 Class.	High Quality Waters - Cold Water Fishes
Existing Use	same	Existing Use Qualifier	n/a
Exceptions to Use	none	Exceptions to Criteria	none
Assessment Status	Attaining Use(s)		
Nearest Downstream Public Water Supply Intake	Sunbury Municipal Authority approximately 24.4 miles downstream on the Susquehanna River.		

Changes Since Last Permit Issuance: None

Other Comments: None

Compliance History	
Summary of DMRs:	The permittee submits Annual Maintenance Reports instead of DMRs. AMRs have been submitted timely and have been complete.
Summary of Inspections:	The Department last performed an inspection on 6/5/24. No violations were found.

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
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	XXX	XXX	1/year	Grab
Total Residual Chlorine	XXX	XXX	XXX	Report Quarterly Average	XXX	XXX	1/quarter	Grab

Compliance Sampling Location: 001

Other Comments:

A WMS open violations query showed no open violations exist. It is recommended the permit be drafted as described herein.