Pennsylvania Department of Environmental Protection

Southwest Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0255670**
Wastewater Type	**Sewage**	APS ID	**1141999**
Facility Type	**SRSTP**	Authorization ID	**1534974**

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Applicant, Facility and Project Information

Applicant Name	**Smucker Barbara A**	Facility Name	**3401 Mason Dixon Hwy SRSTP**
Applicant Address	3401 Mason Dixon Highway	Facility Address	3401 Mason Dixon Highway
	Garrett, PA 15542-8506		Garrett, PA 15542-8506
Applicant Contact	Barbara Smucker	Facility Contact	Same as applicant
Applicant Phone	(814) 701-5737	Facility Phone	Same as applicant
Client ID	355900	Site ID	842323
SIC Code	8800	Municipality	Summit Township
SIC Description	Private Households	County	Somerset
Date Application Received	July 23, 2025	WQM Required	Yes
Date Application Accepted	August 1, 2025	WQM App. No.	5620401

Project Description: NPDES Permit Renewal

Summary of Review

The applicant has applied for a renewal of NPDES Permit No. PA0255670, which was previously issued by the Department on August 1, 2020. That permit expired on July 31, 2025.

The discharge is to an Unnamed Tributary to Casselman River, which is classified as a CWF located in State Watershed 19-F.

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		Jordan T Coldsmith Jordan Coldsmith / Environmental Engineering Specialist	September 8, 2025
X		Christopher Kriley, P.E. / Program Manager	September 10, 2025

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	.000699
Latitude	39º 50' 58.85"	Longitude	-79º 3' 5.61"
Quad Name		Quad Code	
Wastewater Description:	Sewage Effluent		
Receiving Waters	Unnamed Tributary to Casselman River (CWF)	Stream Code	39139
NHD Com ID	69920523	RMI	0.1100
Drainage Area	1.81	Yield (cfs/mi^2)	0.0133
Q_{7-10} Flow (cfs)	0.0241	Q_{7-10} Basis	USGS StreamStat
Elevation (ft)	2221	Slope (ft/ft)	
Watershed No.	19-F	Chapter 93 Class.	CWF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status		Name	

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

Nearest Downstream Public Water Supply Intake	INDIAN CREEK VALLEY WATER AUTH		
PWS Waters	Youghiogheny River (HQ-CWF)	Flow at Intake (cfs)	
PWS RMI		Distance from Outfall (mi)	41.5

Changes Since Last Permit Issuance: None

Other Comments: N/A

Treatment Facility Summary

Treatment Facility Name: 3401 Mason Dixon Hwy SRSTP

WQM Permit No.	Issuance Date
5620401	7/24/2020

Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Sewage	Secondary With Ammonia Reduction	Activated Sludge	Ultraviolet	0.0007

Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal
0.0007	1.2	Not Overloaded	Aerobic Digestion	Other WWTP

Changes Since Last Permit Issuance: none

Other Comments: The current treatment process consists of:

- 1,000 gal. septic tank
- Norweco Singulair Bio-Kinetic (SBK) 960 1000 treatment tank
- Norweco Hydro Kinetic Bio-Film Reactor (HKBFR)
- UV disinfection

Development of Effluent Limitations

Outfall No. 001 **Design Flow (MGD)** .000699
Latitude 39º 50' 58.00" **Longitude** -79º 3' 6.00"
Wastewater Description: Sewage Effluent

Technology-Based Limitations

The following effluent limitations and monitoring requirements, at a minimum, will be established in all new and renewed SFTF permits based on the requirements of DEP's "Standard Operating Procedure (SOP) for Clean Water Program New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Application" (SOP No. BCW-PMT-003, Version 1.8, Final, November 9, 2012, Revised May 17, 2019).

Parameter	Avg	IMAX	Sample Type	Frequency: SFTFs	Frequency: SRSTPs
Flow (GPD)	Report	XXX	Estimate (SRSTPs) Measured (SFTFs)	1/month	1/year
BOD5 (mg/L)	10	20	Grab	1/month	1/year
TSS (mg/L)	10	20	Grab	1/month	1/year
pH*	6.0 S.U. Inst. Min.	9.0 S.U.	Grab	1/month	1/year
TRC (mg/L)	Report for SRSTPs; Use TRC Spreadsheet to determine WQBELs or 0.02 mg/L for SFTFs		Grab	1/month	1/year
Fecal Coliform (No./100 ml)	200 Geometric Mean (SFTFs) / Average (SRSTPs)		Grab	1/month	1/year

***** Technology-Based effluent limits for pH will be imposed based upon Federal Regulation 133.102(c) and State Regulation 95.2(1).

Additional Considerations:

For SFTFs/SRSTPs with UV disinfection systems, it is not necessary to require UV intensity or transmittance monitoring in this permit.

SFTFs/SRSTPs are not required to monitor for Total Nitrogen and Total Phosphorus in new and reissued permits.

The receiving stream is not impaired for nutrients.

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.

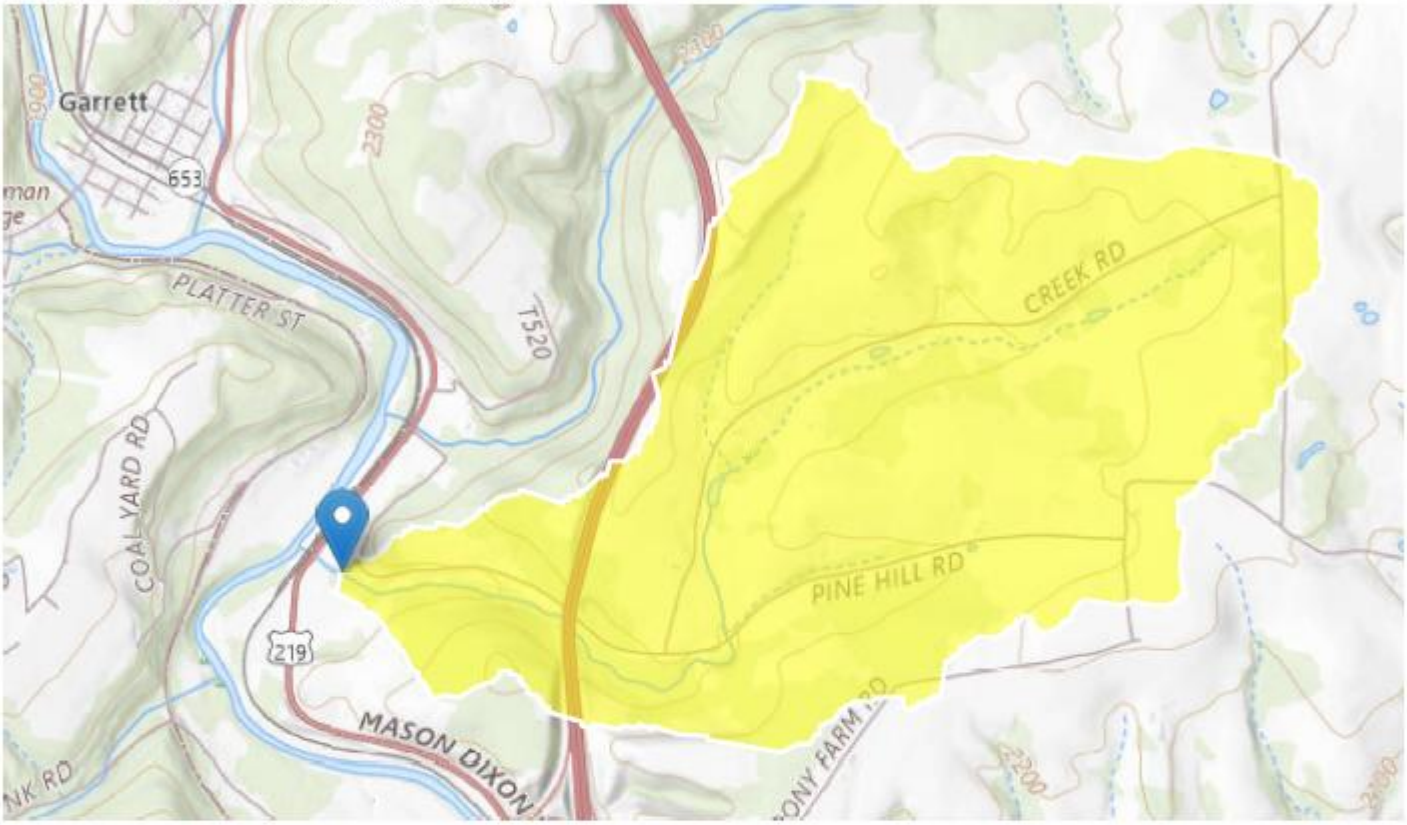
Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) (1)		Concentrations (mg/L)				Minimum (2) Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Annual Average	Maximum	Instant. Maximum		
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/year	Grab
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

Other Comments: N/A

StreamStats Report

Region ID: PA
Workspace ID: PA20250908202638904000
Clicked Point (Latitude, Longitude): 39.84967, -79.05159
Time: 2025-09-08 16:27:01 -0400



Collapse All

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
DRNAREA	Area that drains to a point on a stream	1.81	square miles
ELEV	Mean Basin Elevation	2221	feet

Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 4]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	1.81	square miles	2.26	1400
ELEV	Mean Basin Elevation	2221	feet	1050	2580

Low-Flow Statistics Disclaimers [Low Flow Region 4]

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 4]

Statistic	Value	Unit
7 Day 2 Year Low Flow	0.0922	ft^3/s
30 Day 2 Year Low Flow	0.18	ft^3/s
7 Day 10 Year Low Flow	0.0241	ft^3/s
30 Day 10 Year Low Flow	0.0524	ft^3/s
90 Day 10 Year Low Flow	0.12	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/)