

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

**NPDES PERMIT FACT SHEET
INDIVIDUAL SFTF/SRSTP**

Application No. PA0266515
APS ID 1032099
Authorization ID 1423410

Applicant, Facility and Project Information

Applicant Name	<u>Russell J Mason Jr & Kathryn L Mason</u>	Facility Name	<u>Mason Res</u>
Applicant Address	<u>211 Capitol Hill Road</u> <u>Dillsburg, PA 17019-9743</u>	Facility Address	<u>3 Meadowview Drive</u> <u>Dillsburg, PA 17019</u>
Applicant Contact	<u>Russell And Katheryn Mason</u>	Facility Contact	<u>Russell Mason</u>
Applicant Phone	<u>(717) 648-2694</u>	Facility Phone	<u>(717) 648-2694</u>
Client ID	<u>360981</u>	Site ID	<u>816832</u>
SIC Code	<u>6514</u>	Municipality	<u>Franklin Township</u>
SIC Description	<u>Fin, Ins & Real Est - Dwelling Operators, Except Apartments</u>	County	<u>York</u>
Date Application Received	<u>March 21, 2022</u>	WQM Required	<u>Issued</u>
Date Application Accepted	<u>January 17, 2023</u>	WQM App. No.	<u>6717405</u>
Project Description	<u>Renewal of an existing SRSTP.</u>		

Summary of Review

Russell and Katie Mason have submitted a renewal application for a permit for their Small Flow Treatment Facility located in York County. DEP received the renewal NPDES permit application on March 21, 2022 by the applicant. The Department has reviewed the application in order to ensure that the facility does not receive or discharge a flow greater than 600 GPD or exceed the specified limits of CBOD5, Total Suspended Solids, and Fecal Coliform prescribed in the permit. As per 25 Pa. Code § 92a.53, all applicable effluent limits and standards are considered in development of the permit. The limits noted in the permit suggest that any applicable water quality standards will not be violated.

The limits discussed in the permit are based off of several factors that were determined by the Standard Operating Procedure for Small Flow Treatment Facilities (SOP No. BCW-PMT-003).

The TSS limits were prescribed based on The Department's Water Quality Antidegradation Implementation Guidance ID No. 391-0300-002

The Fecal Coliform limits listed in the permit were required by the Bureau of Clean Water, as stated in Chapters 92a and 93.

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*

Approve	Deny	Signatures	Date
X		<i>Jared Lescavage</i> Jared Lescavage / Project Manager	January 17, 2023
x		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	1/17/23

Summary of Review

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.

Discharge and Stream Data – 2 - Receiving Waters and PWS

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0006</u>
Latitude	<u>40° 3' 28.33"</u>	Longitude	<u>-77° 3' 46.53"</u>
Quad Name	_____	Quad Code	_____
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to North Branch Bermudian Creek (WWF, MF)</u>	Stream Code	<u>8676</u>
NHD Com ID	<u>57467039</u>	RMI	<u>0.0500</u>
Drainage Area	<u>5.6</u>	Yield (cfs/mi ²)	_____
Q ₇₋₁₀ Flow (cfs)	<u>0.577</u>	Q ₇₋₁₀ Basis	<u>StreamStats</u>
Elevation (ft)	_____	Slope (ft/ft)	_____
Watershed No.	_____	Chapter 93 Class.	<u>WWF, MF</u>
Existing Use	_____	Existing Use Qualifier	_____
Exceptions to Use	_____	Exceptions to Criteria	_____
Assessment Status	<u>Attaining Use(s)</u>		
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	<u>Wrightsville Boro Muni Auth</u>		
PWS Waters	<u>Susquehanna River</u>	Flow at Intake (cfs)	_____
PWS RMI	_____	Distance from Outfall (mi)	<u>56</u>

Changes Since Last Permit Issuance: Addition to pH to the permit limits.

Other Comments: None

Compliance History	
Summary of DMRs:	[REDACTED]
Summary of Inspections:	[REDACTED]

Other Comments: [REDACTED]

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/month	Measured
pH (S.U.)	XXX	XXX	6.0 Min Mo Avg	XXX	XXX	9.0	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/month	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/month	Grab

Compliance Sampling Location: Outfall 001

Other Comments: None