

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0261009
APS ID 954657
Authorization ID 1405741

Applicant, Facility and Project Information

Applicant Name	<u>Michael R Baker</u>	Facility Name	<u>Michael Baker Res</u>
Applicant Address	<u>6836 Old Harrisburg Pike</u> <u>York Springs, PA 17372-8717</u>	Facility Address	<u>6836 Old Harrisburg Pike</u> <u>York Springs, PA 17372-8717</u>
Applicant Contact	<u>Michael Baker</u>	Facility Contact	<u>Michael Baker</u>
Applicant Phone	<u>(717) 528-4805</u>	Facility Phone	<u></u>
Client ID	<u>339439</u>	Site ID	<u>690960</u>
SIC Code	<u>4952</u>	Municipality	<u>Huntington Township</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>Adams</u>
Date Application Received	<u>July 18, 2022</u>	WQM Required	<u>Issued</u>
Date Application Accepted	<u>August 18, 2022</u>	WQM App. No.	<u>0107404</u>
Project Description	<u>Application for a renewal of an SRSTP.</u>		

Summary of Review

Michael Baker has submitted an application for a renewal permit for his existing Single Residence Small Flow Treatment Facility located in Adams County. DEP received the renewal NPDES permit application on July 18, 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 500 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 Chapter 92.2c.b(2) and 93.7.

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	August 24, 2022
x		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	8/24/2022

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			
001		Design Flow (MGD)	.0005
39° 59' 34.38"		Longitude	-77° 7' 9.10"
Quad Name	Hampton	Quad Code	1929
Wastewater Description: Sewage Effluent			
Receiving Waters	Unnamed Tributary to Bermudian Creek	Stream Code	08714
NHD Com ID	57469237	RMI	0.95
Drainage Area	0.55 mi ²	Yield (cfs/mi ²)	
Q ₇₋₁₀ Flow (cfs)	0.0346	Q ₇₋₁₀ Basis	StreamStats report
Elevation (ft)		Slope (ft/ft)	
Watershed No.	07F	Chapter 93 Class.	Warm Water Fishes, MF
Existing Use	None	Existing Use Qualifier	N/A
Exceptions to Use	None	Exceptions to Criteria	N/A
Assessment Status	Impaired		
Cause(s) of Impairment	Siltation		
Source(s) of Impairment	Agriculture		
TMDL Status	None Proposed	Name	N/A

Nearest Downstream Public Water Supply Intake	Wrightsville Boro Water System York County, PA
PWS Waters	Susquehanna River
PWS RMI	28.515
	Flow at Intake (cfs)
	Distance from Outfall (mi)
	56.14

Changes Since Last Permit Issuance: None

Other Comments: N/A

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

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
TRC	XXX	XXX	XXX	Report	XXX	XXX	1/month	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: None