

Therrrrrrrrrrrrr No Northwest Regional Office CLEAN WATER PROGRAM

Application Type
Wastewater Type
Facility Type
Renewal
Sewage
SRSTP

NPDES PERMIT FACT SHEET INDIVIDUAL SFTF/SRSTP

Application No. PA0210005

APS ID 808908

Authorization ID 1215346

Applicant Name	Thomas M Bunk	Facility Name	Thomas M Bunk SFTF
Applicant Address	608 Sharon Bedford Road	Facility Address	608 Sharon Bedford Road
	West Middlesex, PA 16159-2326		West Middlesex, PA 16159-2326
Applicant Contact	Thomas Bunk	Facility Contact	Thomas Bunk
Applicant Phone		Facility Phone	
Client ID	256298	Site ID	457554
Municipality	Shenango Township	County	Mercer
SIC Code	8811	SIC Code	4952
SIC Description	Services - Private Households	SIC Description	Trans. & Utilities - Sewerage Systems
Application Received	January 28, 2018	WQM Required	existing
Application Accepted	February 15, 2018	WQM App. No.	

Summary of Review

Report files ends in August 2014 with no subsequent reports on file. The report is for June, July and August 2014 and state pumping occurred on June 25, 2013. The NPDES permit renewal application reports the system was pumped on April 26, 2017 by Patterson Septic Systems, PO Box 101, Jackson Center PA 16133. The septic hauler site is in Jackson Township Mercer County.

A request for AMR submission, sludge disposal report, and effluent data was sent on May 29, 2018. The AMR was received on January 1, 2019. With the AMR submission the facility is in compliance with the Department's requirements.

Approve	Deny	Signatures	Date
X		William H. Mentzer, P.E.	
		Environmental Engineering Specialist	December 23, 2018
X		Justin C. Dickey, P.E. Environmental Engineer Manager	

Discharge, Receiving Waters and Water Supply Information						
Outfall No.	001	Design Flow (MGD)	.0004			
Latitude	41° 9' 49.00"	Longitude	-80° 31' 10.00""			
Quad Name	Sharon West	Quad Code	0901			
Wastewater Description: Treated single residence domestic wastes						
Receiving Waters	Unnamed Tributary to Little Deer Creek	_ Stream Code	unknown			
NHD Com ID	130033945	_ RMI	0.95			
Drainage Area	0.32	_ Yield (cfs/mi ²)	0			
Q ₇₋₁₀ Flow (cfs)	0	Q ₇₋₁₀ Basis	Dry stream			
Elevation (ft)	1051.67	_ Slope (ft/ft)	0.00667			
Watershed No.	20-A	_ Chapter 93 Class.	WWF			
Existing Use	statewide	_ Existing Use Qualifier	none			
Exceptions to Use	none	_ Exceptions to Criteria	none			
Assessment Status	Not Assessed					
Cause(s) of Impairm	nent					
Source(s) of Impairr	ment					
TMDL Status		Name				
Background/Ambier	nt Data Data	Source				
pH (SU)						
Temperature (°F)						
Hardness (mg/L)						
Other:						
Nearest Downstrear	m Public Water Supply Intake <u>State</u>	e of Ohio				
PWS WatersL	Jnnamed tributary F	low at Intake (cfs)				
PWS RMI 0	0.69 D	istance from Outfall (mi)	0.26			

Changes Since Last Permit Issuance: none

Other Comments: Stream use determination is dated 11/16/90.

The discharge is east of the Ohio state line and is conveyed through an unnamed tributary to Little Deer Creek and Little Yankee Run prior to returning to Pennsylvania.

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.

	Effluent Limitations				Monitoring Requirements			
Parameter	Mass Units (lbs/day) (1)		Concentrations (mg/L)			Minimum ⁽²⁾	Required	
	Average Monthly	Average Weekly	Minimum	Annual Average	Daily Maximum	Instant. Maximum	Measurement Frequency	Sample Type
Flow (MGD)	Report Annl Avg	XXX	XXX	XXX	XXX	XXX	1/year	Estimate
pH (S.U.)	XXX	XXX	6.0 Daily Min	XXX	9.0	XXX	Upon Request	Grab
Total Residual Chlorine (TRC)	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	XXX	XXX	XXX	25.0	50.0	50	1/year	Grab
Total Suspended Solids	XXX	XXX	XXX	30.0	XXX	60.0	1/year	Grab
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200	XXX	1000	1/year	Grab

Compliance Sampling Location: Outfall 001 after disinfection