

Application Type Renewal
Wastewater Type Sewage
Facility Type SRSTP

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

Application No. PA0266621
APS ID 952368
Authorization ID 1420735

Applicant, Facility and Project Information

Applicant Name	<u>Ken Stetler & Sherry Stetler</u>	Facility Name	<u>Stetler Residence</u>
Applicant Address	<u>4976 Spring Road</u> <u>Shermans Dale, PA 17090</u>	Facility Address	<u>4976 Spring Road</u> <u>Shermans Dale, PA 17090</u>
Applicant Contact	<u>Ken Stetler</u>	Facility Contact	<u>Ken Stetler</u>
Applicant Phone	<u>(717) 580-7534</u>	Facility Phone	<u>(717) 580-7534</u>
Client ID	<u>338815</u>	Site ID	<u>825638</u>
SIC Code	<u>8811</u>	Municipality	<u>Carroll Township</u>
SIC Description	<u>Services - Private Households</u>	County	<u>Perry</u>
Date Application Received	<u>December 2, 2022</u>	WQM Required	<u>Issued #5017402</u>
Date Application Accepted	<u>December 19, 2022</u>	WQM App. No.	<u></u>
Project Description	<u>.Renewal application for a SRSTP NPDES permit.</u>		

Summary of Review

The Stetlers have submitted an application for a permit for their existing Single Residence Small Flow Treatment Facility located in Perry County. DEP received the renewal NPDES permit application on December 2, 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 400 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 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	December 19, 2022
x		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	12/20/2022

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			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>.0004</u>
Latitude	<u>40° 18' 33.72"</u>	Longitude	<u>-77° 9' 12.43"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary of Sherman Creek (WWF, MF)</u>	Stream Code	<u>11061</u>
NHD Com ID	<u>56402931</u>	RMI	<u>1.3200</u>
Drainage Area	<u>0.85 mi²</u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u>0.0598</u>	Q ₇₋₁₀ Basis	<u>StreamStats</u>
Elevation (ft)	<u></u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>7-A</u>	Chapter 93 Class.	<u>WWF, MF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></u>
Background/Ambient Data		Data Source	
pH (SU)	<u></u>		<u></u>
Temperature (°F)	<u></u>		<u></u>
Hardness (mg/L)	<u></u>		<u></u>
Other:	<u></u>		<u></u>
Nearest Downstream Public Water Supply Intake	<u>Duncannon Muni Water</u>		
PWS Waters	<u>Sherman Creek</u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u></u>	Distance from Outfall (mi)	<u>10</u>

Changes Since Last Permit Issuance: Addition of pH limit

Other Comments: None

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
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/year	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20	1/year	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	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