

Application Type Renewal  
Wastewater Type Sewage  
Facility Type SFTF

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

Application No. PA0266671  
APS ID 1010986  
Authorization ID 1423409

**Applicant, Facility and Project Information**

Applicant Name	<u>Troy P Tremellen</u>	Facility Name	<u>Shermans Creek Inn Properties</u>
Applicant Address	<u>200 Old State Road</u> <u>Shermans Dale, PA 17090</u>	Facility Address	<u>200 Old State Road</u> <u>Shermans Dale, PA 17090</u>
Applicant Contact	<u>Troy Tremellen</u>	Facility Contact	<u>Troy Tremellen</u>
Applicant Phone	<u>(717) 919-6182</u>	Facility Phone	<u>(717) 919-6182</u>
Client ID	<u>355088</u>	Site ID	<u>791598</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 12, 2022</u>	WQM Required	<u>Issued</u>
Date Application Accepted	<u>January 24, 2023</u>	WQM App. No.	<u>5017403</u>
Project Description	<u>Application of renewal for an existing SFTF.</u>		

**Summary of Review**

Shermans Creek Inn Properties has submitted an application for a renewal permit for their existing Small Flow Treatment Facility located in Perry County. DEP received the renewal NPDES permit application on December 12, 2022. The Department has reviewed the application in order to ensure that the facility does not receive or discharge a flow greater than 2,000 GPD or exceed the specified limits of CBOD5, pH, 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	February 8, 2023
x		<i>Scott M Arwood</i> Scott M. Arwood, P.E. / Environmental Engineer Manager	2/8/2023

**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>.002</u>
Latitude	<u>40° 19' 1.80"</u>	Longitude	<u>-77° 9' 42.72"</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>0.4900</u>
Drainage Area	<u>0.99 mi<sup>2</sup></u>	Yield (cfs/mi <sup>2</sup> )	<u></u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.05</u>	Q <sub>7-10</sub> 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) for Aquatic Life, Impaired for Recreational Use</u>		
Cause(s) of Impairment	<u>Pathogens</u>		
Source(s) of Impairment	<u>Agriculture</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 into permit limits.

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) <sup>(1)</sup>		Concentrations (mg/L)				Minimum <sup>(2)</sup> Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	1/month	Measured
pH (S.U.)	XXX	XXX	6.0 Daily Min	XXX	9.0 Daily Max	XXX	1/month	Grab
BOD5	XXX	XXX	XXX	10.0	XXX	20.0	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: N/A