

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

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



Application No. PA0232416
APS ID 1129599
Authorization ID 1513655

Applicant, Facility and Project Information

Applicant Name	<u>Heather M. Kratzer</u>	Facility Name	<u>Inn 287</u>
Applicant Address	<u>22861 Route 287</u> <u>Morris, PA 16938-9325</u>	Facility Address	<u>22861 Route 287</u> <u>Morris, PA 16938-9325</u>
Applicant Contact	<u>Heather Kratzer</u>	Facility Contact	<u>Heather Kratzer</u>
Applicant Phone	<u>(570) 353-7471</u>	Facility Phone	<u>(570) 353-7471</u>
Client ID	<u>351512</u>	Site ID	<u>255892</u>
SIC Code	<u>4952</u>	Municipality	<u>Pine Township</u>
SIC Description	<u>Trans. & Utilities - Sewerage Systems</u>	County	<u>Lycoming</u>
Date Application Received	<u>January 23, 2025</u>	WQM Required	<u>No.</u>
Date Application Accepted	<u>February 12, 2025</u>	WQM App. No.	<u></u>
Project Description	<u>Application for the renewal of the existing individual NPDES SFTF permit.</u>		

Summary of Review

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 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.

Approve	Deny	Signatures	Date
X		 Jonathan P. Peterman / Project Manager	June 1, 2026
X		 Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	June 1, 2026

Discharge, Receiving Waters and Water Supply Information			
Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0.0010</u>
Latitude	<u>41° 31' 30.45"</u>	Longitude	<u>-77° 17' 4.84"</u>
Quad Name	<u>Morris</u>	Quad Code	<u>0627</u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Hughes Run (EV (existing use))</u>	Stream Code	<u>21314</u>
NHD Com ID	<u>66539901</u>	RMI	<u>2.3600</u>
Drainage Area	<u>-</u>	Yield (cfs/mi ²)	<u>-</u>
Q7-10 Flow (cfs)	<u>-</u>	Q7-10 Basis	<u>-</u>
Elevation (ft)	<u>-</u>	Slope (ft/ft)	<u>-</u>
Watershed No.	<u>9-A</u>	Chapter 93 Class.	<u>HQ-CWF, MF</u>
Existing Use	<u>EV(EXCEPTIONAL VALUE)</u>	Existing Use Qualifier	<u>RBP - Antidegradation</u>
Exceptions to Use	<u>None.</u>	Exceptions to Criteria	<u>None.</u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u>N/A</u>		
Source(s) of Impairment	<u>N/A</u>		
TMDL Status	<u>N/A</u>	Name	<u>N/A</u>
Nearest Downstream Public Water Supply Intake	<u>Jersey Shore Area Joint Water Authority</u>		
PWS Waters	<u>Pine Creek</u>	Flow at Intake (cfs)	<u>39</u>
PWS RMI	<u>1.92</u>	Distance from Outfall (mi)	<u>35</u>

Changes Since Last Permit Issuance: None.
Other Comments: None.

DEP has evaluated information indicating that the existing use of the receiving waters is different than the designated use under 25 Pa. Code § 93.9. In developing the draft NPDES permit, DEP is proposing to protect the existing use of the receiving waters. Following DEP's notice of the receipt of the application and the draft permit in the Pennsylvania Bulletin, DEP will accept written comments during the public comment period regarding DEP's tentative determination to protect the existing use. DEP will make a final determination on existing use protection for the receiving waters as part of the final permit action.

Treatment Facility Summary

Treatment Facility Name: Inn 287

WQM Permit No.	Issuance Date	Notes:
4113402	12/3/22013	Initial construction.
4113402 T-1	3/3/2020	Transfer to Heather M. Kratzer from Carol Phillips.

Waste Type	Degree of Treatment	Process Type	Disinfection	Design Flow (MGD)
Sewage	Secondary	Septic Tank Sand Filter	Ultraviolet	0.0010
Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal
0.0016	1.44	Not Overloaded	N/A	Combination of methods

Treatment System Components:

- Five (5) Septic tanks in two series.
 - Two tanks serving bar/restaurant/residence.
 - Three serving hotel.
- Two (2) Orenco AX20 textile filter pods.
- One (1) 2000-gallon concrete recirculating tank with a mechanical recirculating valve.
- One (1) UV disinfection treatment.
- One (1) Outfall 001 to Hughes Run.

Changes Since Last Permit Issuance: None.

TMDL Impairment

The Department's Geographic Information System (GIS) shows that the Hughes Run is not impaired and a TMDL does not exist for the stream segment. No TMDL has been taken into consideration during this review.

Chesapeake Bay Requirements

Facilities that are designed based on a flow of less than 2,000 GPD (1,000 GPD design flow for this facility) are not a part of Pennsylvania's Chesapeake Bay Tributary Strategy. Accordingly, it is not practicable to require the permittee to perform nutrient monitoring.

Anti-Backsliding

In accordance with 40 CFR 122.44(l)(1) and (2), this permit does not contain effluent limitations, standards, or conditions that are less stringent than the previous permit.

Existing Effluent Limitations and Monitoring Requirements

Existing Limits – Outfall 001

Discharge Parameter	Limitations							Monitoring Requirements	
	Mass (lb/day)		Concentration (mg/L)						
	Monthly Average	Daily Maximum	Minimum	Average Monthly	Average Weekly	Instantaneous Maximum	Minimum Frequency	Sample Type	
Flow (MGD)	Report						1/ Month	Estimate	
BOD ₅				10		20	1/ Month	Grab	
TSS				10		20	1/ Month	Grab	
UV Transmittance (%)				Report		Report	1/ Month	Visual	
pH (Std. Units)			6.0			9.0	1/ Month	Grab	
Fecal Coliforms				200 Geo Mean			1/ Month	Grab	

*The proposed effluent limits for Outfall 001 were based on a design flow of 0.0010 MGD.

Development of Effluent Limitations and Monitoring Frequencies

Outfall No. 001	Design Flow (MGD) 0.0010
Latitude 41° 31' 30.40"	Longitude -77° 17' 4.80"
Wastewater Description: Sewage Effluent	

Technology-Based Limitations

The following technology-based limitations apply, subject to water quality analysis and BPJ where applicable:

Pollutant	Limit (mg/l)	SBC	Federal Regulation	State Regulation
BOD ₅	10	Average Monthly	125.3(a)(2)(i)	DEP SFTF Design Manual (Document 362-0300-002)
	20	IMAX		
Total Suspended Solids	10	Average Monthly	125.3(a)(2)(i)	DEP SFTF Design Manual (Document 362-0300-002)
	20	IMAX		
pH	6.0 – 9.0 S.U.	Min – Max	133.102(c)	95.2(1)
Fecal Coliform	200 / 100 ml	Geo Mean	-	92a.47(a)(4)

Water Quality-Based Limitations

The Department utilizes the WQM 7.0 v1.0b and Toxic Management Spreadsheet (TMS) models to establish water quality based effluent limitations. This modeling is not utilized for facilities that discharge less than 2,000 gpd. Additionally, the "TRC Spreadsheet" is not utilized for SRSTP facilities.

Best Professional Judgement (BPJ) Limitations

None.
Comments: None.

Additional Considerations

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 the abovementioned 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) and/or BPJ.

Proposed Limits - Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date

Proposed Limits – Outfall 001

Discharge Parameter	Limitations							
	Mass (lb/day)		Concentration (mg/L)				Monitoring Requirements	
	Monthly Average	Daily Maximum	Minimum	Average Monthly	Average Weekly	Instantaneous Maximum	Minimum Frequency	Sample Type
Flow (MGD)	Report						1/ Month	Estimate
BOD ₅				10		20	1/ Month	Grab
TSS				10		20	1/ Month	Grab
pH (Std. Units)			6.0			9.0	1/ Month	Grab
Fecal Coliforms (No./100ml)				200 Geo Mean			1/ Month	Grab

*The proposed effluent limits for Outfall 001 were based on a design flow of 0.0010 MGD.

Flow

There are no proposed changes for flow monitoring which is required by §92a.61(d)(1).

Five-Day Biochemical Oxygen Demand (BOD₅)

The limits for BOD₅ are existing technology-based effluent limits. Facilities that have been designed and built utilizing the technologies established in the *Small Flow Treatment Facilities Design Manual* (Document 362-0300-002) have been proven to continuously produce effluent with less than 10 mg/l (BOD₅) and is considered best practicable control technology currently available (BPT). In accordance with current policies and procedures for facilities of this type, an effluent limit for BOD₅ will be utilized in lieu of CBOD₅.

Total Suspended Solids (TSS)

The limits for TSS are existing technology-based effluent limits. Facilities that have been designed and built utilizing the technologies established in the *Small Flow Treatment Facilities Design Manual* (Document 362-0300-002) have been proven to continuously produce effluent with less than 10 mg/l (TSS) and is considered best practicable control technology currently available (BPT).

pH

40 CFR §133.102(c) and 25 PA Code §95.2(1) provide the basis of effluent limitations for pH. No changes are proposed for pH limitations.

Fecal Coliforms

The existing fecal coliform limits were updated from the previous Chapter 92 code to correspond with what is specified in the updated 25 PA Code § 92a.47 (a)(4)&(5).

Ultraviolet (UV) Disinfection

For SFTFs / SRSTPs with UV systems, it is not necessary to require UV intensity or transmittance monitoring in the permit. This monitoring requirement will be removed.

Sample Types

The sample types (grab and estimate) for all of the parameters correspond with the *Technical Guidance for the Development and Specification of Effluent Limitations* (362-0400-001) Table 6-3 and will remain.

Monitoring Frequencies

In order to maintain consistency with other SFTF facilities within the region, all monitoring frequencies will be required to be (1/ Month) at a minimum. In no case will "Upon Request" be utilized for monitoring of these parameters.

Other Comments: None.

Compliance History

WMS Query Summary - A WMS Query was run at *Reports - Violations & Enforcements – Open Violations for Client Report* to determine whether there are any unresolved violations associated with the client that will affect issuance of the permit (per CSL Section 609). This query revealed that there were no unresolved violations for the existing or proposed client.

Tools and References Used to Develop Permit	
<input type="checkbox"/>	WQM for Windows Model (see Attachment [redacted])
<input type="checkbox"/>	PENTOXSD for Windows Model (see Attachment [redacted])
<input type="checkbox"/>	TRC Model Spreadsheet (see Attachment [redacted])
<input type="checkbox"/>	Temperature Model Spreadsheet (see Attachment [redacted])
<input type="checkbox"/>	Toxics Screening Analysis Spreadsheet (see Attachment [redacted])
<input type="checkbox"/>	Water Quality Toxics Management Strategy, 361-0100-003, 4/06.
<input checked="" type="checkbox"/>	Technical Guidance for the Development and Specification of Effluent Limitations, 362-0400-001, 10/97.
<input type="checkbox"/>	Policy for Permitting Surface Water Diversions, 362-2000-003, 3/98.
<input type="checkbox"/>	Policy for Conducting Technical Reviews of Minor NPDES Renewal Applications, 362-2000-008, 11/96.
<input type="checkbox"/>	Technology-Based Control Requirements for Water Treatment Plant Wastes, 362-2183-003, 10/97.
<input type="checkbox"/>	Technical Guidance for Development of NPDES Permit Requirements Steam Electric Industry, 362-2183-004, 12/97.
<input type="checkbox"/>	Pennsylvania CSO Policy, 385-2000-011, 9/08.
<input type="checkbox"/>	Water Quality Antidegradation Implementation Guidance, 391-0300-002, 11/03.
<input type="checkbox"/>	Implementation Guidance Evaluation & Process Thermal Discharge (316(a)) Federal Water Pollution Act, 391-2000-002, 4/97.
<input checked="" type="checkbox"/>	Determining Water Quality-Based Effluent Limits, 391-2000-003, 12/97.
<input type="checkbox"/>	Implementation Guidance Design Conditions, 391-2000-006, 9/97.
<input type="checkbox"/>	Technical Reference Guide (TRG) WQM 7.0 for Windows, Wasteload Allocation Program for Dissolved Oxygen and Ammonia Nitrogen, Version 1.0, 391-2000-007, 6/2004.
<input type="checkbox"/>	Interim Method for the Sampling and Analysis of Osmotic Pressure on Streams, Brines, and Industrial Discharges, 391-2000-008, 10/1997.
<input type="checkbox"/>	Implementation Guidance for Section 95.6 Management of Point Source Phosphorus Discharges to Lakes, Ponds, and Impoundments, 391-2000-010, 3/99.
<input type="checkbox"/>	Technical Reference Guide (TRG) PENTOXSD for Windows, PA Single Discharge Wasteload Allocation Program for Toxics, Version 2.0, 391-2000-011, 5/2004.
<input type="checkbox"/>	Implementation Guidance for Section 93.7 Ammonia Criteria, 391-2000-013, 11/97.
<input type="checkbox"/>	Policy and Procedure for Evaluating Wastewater Discharges to Intermittent and Ephemeral Streams, Drainage Channels and Swales, and Storm Sewers, 391-2000-014, 4/2008.
<input type="checkbox"/>	Implementation Guidance Total Residual Chlorine (TRC) Regulation, 391-2000-015, 11/1994.
<input type="checkbox"/>	Implementation Guidance for Temperature Criteria, 391-2000-017, 4/09.
<input type="checkbox"/>	Implementation Guidance for Section 95.9 Phosphorus Discharges to Free Flowing Streams, 391-2000-018, 10/97.
<input type="checkbox"/>	Implementation Guidance for Application of Section 93.5(e) for Potable Water Supply Protection Total Dissolved Solids, Nitrite-Nitrate, Non-Priority Pollutant Phenolics and Fluorides, 391-2000-019, 10/97.
<input type="checkbox"/>	Field Data Collection and Evaluation Protocol for Determining Stream and Point Source Discharge Design Hardness, 391-2000-021, 3/99.
<input type="checkbox"/>	Implementation Guidance for the Determination and Use of Background/Ambient Water Quality in the Determination of Wasteload Allocations and NPDES Effluent Limitations for Toxic Substances, 391-2000-022, 3/1999.
<input checked="" type="checkbox"/>	Design Stream Flows, 391-2000-023, 9/98.
<input type="checkbox"/>	Field Data Collection and Evaluation Protocol for Deriving Daily and Hourly Discharge Coefficients of Variation (CV) and Other Discharge Characteristics, 391-2000-024, 10/98.
<input type="checkbox"/>	Evaluations of Phosphorus Discharges to Lakes, Ponds and Impoundments, 391-3200-013, 6/97.
<input checked="" type="checkbox"/>	Pennsylvania's Chesapeake Bay Tributary Strategy Implementation Plan for NPDES Permitting, 4/07.
<input checked="" type="checkbox"/>	SOP: New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Applications
<input checked="" type="checkbox"/>	Other: Small Flow Treatment Facilities Manual (362-0300-002)