

Application Type Renewal
Wastewater Type Sewage
Facility Type SFTF

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

Application No. PA0034363
APS ID 10467
Authorization ID 1510119

Applicant, Facility and Project Information

Applicant Name	<u>Stuart A. Hess</u>	Facility Name	<u>Pine View Acres MHP</u>
Applicant Address	<u>116b Blantz Road</u> <u>Lititz, PA 17543-9573</u>	Facility Address	<u>N Pine Street</u> <u>Manheim, PA 17545</u>
Applicant Contact	<u>Stuart Hess</u>	Facility Contact	<u>Stuart Hess</u>
Applicant Phone	<u>(717) 625-2466</u>	Facility Phone	<u>(717) 625-2466</u>
Client ID	<u>39343</u>	Site ID	<u>250902</u>
SIC Code	<u>6515</u>	Municipality	<u>Penn Township</u>
SIC Description	<u>Fin, Ins & Real Est - Mobile Home Site Operators</u>	County	<u>Lancaster</u>
Date Application Received	<u>December 16, 2024</u>	WQM Required	<u>No</u>
Date Application Accepted	<u>January 8, 2025</u>	WQM App. No.	<u></u>
Project Description	<u>NPDES Renewal</u>		

Summary of Review

Stuart A. Hess has applied to the Pennsylvania Department of Environmental Protection (DEP) for reissuance of its National Pollutant Discharge Elimination System (NPDES) permit. The existing permit was issued on December 27, 2019, and became effective on January 1, 2020, authorizing discharge of treated sewage from the Pine View Acres MHP WWTP located in Penn Township, Lancaster County into Unnamed Tributary (UNT) to Chiques Creek. The existing permit expiration date was December 31, 2024, and the permit has been administratively extended since that time. A major amendment was issued for this permit on December 9, 2020 to convert the permit type from MISF1 to SFTF. The NPDES parameters were revised during this amendment.

No changes have been made in this permit renewal.

Supplemental information is attached to the end of this fact sheet.

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 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		Benjamin R. Lockwood Benjamin R. Lockwood / Environmental Engineering Specialist	August 8, 2025
X		Maria D. Bebenek for Daniel W. Martin, P.E. / Environmental Engineer Manager	September 17, 2025

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° 11' 57.1"</u>	Longitude	<u>76° 22' 50.7"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Unnamed Tributary to Chiques Creek (WWF)</u>	Stream Code	<u>08006</u>
NHD Com ID	<u>57462117</u>	RMI	<u>0.6</u>
Drainage Area	<u>0.54 mi²</u>	Yield (cfs/mi ²)	<u>0.01</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.00577</u>	Q ₇₋₁₀ Basis	<u>USGS PA StreamStats</u>
Elevation (ft)	<u>466</u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>7-G</u>	Chapter 93 Class.	<u>WWF</u>
Existing Use	<u>N/A</u>	Existing Use Qualifier	<u>N/A</u>
Exceptions to Use	<u>N/A</u>	Exceptions to Criteria	<u>N/A</u>
Assessment Status	<u>Impaired</u>		
Cause(s) of Impairment	<u>Pathogens, Siltation</u>		
Source(s) of Impairment	<u>Source Unknown, Agriculture</u>		
TMDL Status	<u></u>	Name	<u></u>
Nearest Downstream Public Water Supply Intake	<u>Columbia Water Company</u>		
PWS Waters	<u>Susquehanna River</u>	Flow at Intake (cfs)	<u></u>
PWS RMI	<u>27.5</u>	Distance from Outfall (mi)	<u>25.5</u>

Changes Since Last Permit Issuance: USGS PA StreamStats provided a drainage area of 0.18 mi² and a Q₇₋₁₀ of 0.000694 cfs.

Other Comments: None

Compliance History	
Summary of DMRs:	The application included sampling results for CBOD ₅ , pH, TSS, and TRC. All were all within permitted limits.
Summary of Inspections:	7/22/2020: An administrative inspection was conducted. All units were operable and there were no outstanding needs at the time. 9/15/2021: A routine inspection was conducted. A clear discharge was occurring from the main pipe outfall. The stream appeared clear and free of solids, foam, debris, etc.

Other Comments: There are currently no open violations for the Applicant.

Existing Effluent Limitations and Monitoring Requirements

The table below summarizes the effluent limits and monitoring requirements implemented in the existing NPDES permit.

Outfall 001

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	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.6	1/month	Grab
CBOD5	XXX	XXX	XXX	10.0	XXX	20	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/month	Grab
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/month	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/month	Grab
Ammonia (Nov 1 – Apr 30)	XXX	XXX	XXX	27.0	XXX	54.0	1/month	Grab
Total Phosphorus	XXX	XXX	XXX	Report	XXX	XXX	2/month	8-Hr Composite

Development of Effluent Limitations

Technology-Based Limitations

The facility is regulated by standards found in 40 CFR § 133.102 and 25 Pa. Code § 92a.47(a). DEP also requires technology based requirements for SFTFs as specified in the Small Flow Treatment Facilities Manual (362-0300-002) and the SOP for New and Reissuance Small Flow Treatment Facility Individual NPDES Permit Applications (SOP No. BCW-PMT-003). The required technology based limits and monitoring frequencies found in the SOP for SFTFs are shown in the table below.

Parameter	Avg Mo	IMAX	Sample Type	Frequency
Flow (GPD)	Report	XXX	Estimate	1/month
BOD5 (mg/L)	10	20	Grab	1/month
TSS (mg/L)	10	20	Grab	1/month
TRC (mg/L)	Use TRC Spreadsheet to determine WQBEL for 0.02 mg/L AML for SFTFs		Grab	1/month
Fecal Coliform (No/100 ml)	200 Geometric Mean		Grab	1/month

The existing permit limits are consistent with this table, although the existing permit uses CBOD₅ rather than BOD₅. A limit for Ammonia-Nitrogen was included in the existing permit and will remain in the renewal.

Chesapeake Bay Total Maximum Daily Load (TMDL)

Facilities that are designed based on a flow of less than 2,000 gpd are exempt from the Chesapeake Bay requirements.

Chiques Creek Alternate Restoration Plan

This facility discharges to Chiques Creek. Chiques Creek was included on Pennsylvania’s 1996 303(d) List of Impaired Waters due to nutrient impairments. A Total Maximum Daily Load (TMDL) for the Chiques Creek Watershed was approved by the United States Environmental Protection Agency (EPA) on April 9, 2001. Due to several deficiencies within the TMDL, it was withdrawn with approval from EPA on October 28, 2015. DEP, Susquehanna River Basin Commission (SRBC) and watershed stakeholders have been in the process of developing a large scale monitoring and restoration plan. The goal of this Alternate Restoration Plan (ARP) is to address impacts to the Chiques Creek Watershed due to suspended solids/siltation and nutrient pollution. During the ongoing ARP development, this discharge permit will be renewed to conform with existing guidance. This permit will include a Total Phosphorus (TP) monitoring requirement. A continued evaluation of dischargers to Chiques Creek will be performed as described in the NPDES Part C Conditions.

Anti-Degradation Requirements

The effluent limits for this discharge have been developed to ensure that existing instream water uses and the level of water quality necessary to protect the existing uses are maintained and protected. Exceptional Value Waters are impacted by this discharge. This facility discharges to a High Quality stream. The permit limits reflect the performance requirements of the Antidegradation Implementation Guidance.

303d Listed Streams

The discharge is located on a stream segment that is listed as impaired due to siltation from agriculture, and pathogens from an unknown source.

Class A Wild Trout Fisheries

No Class A Wild Trout Fisheries are impacted by this discharge.

Anti-Backsliding

Pursuant to 40 CFR § 122.44(l)(1), all proposed permit requirements addressed in this fact sheet are at least as stringent as the requirements implemented in the existing NPDES permit unless any exceptions addressed by DEP in this fact sheet.

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.

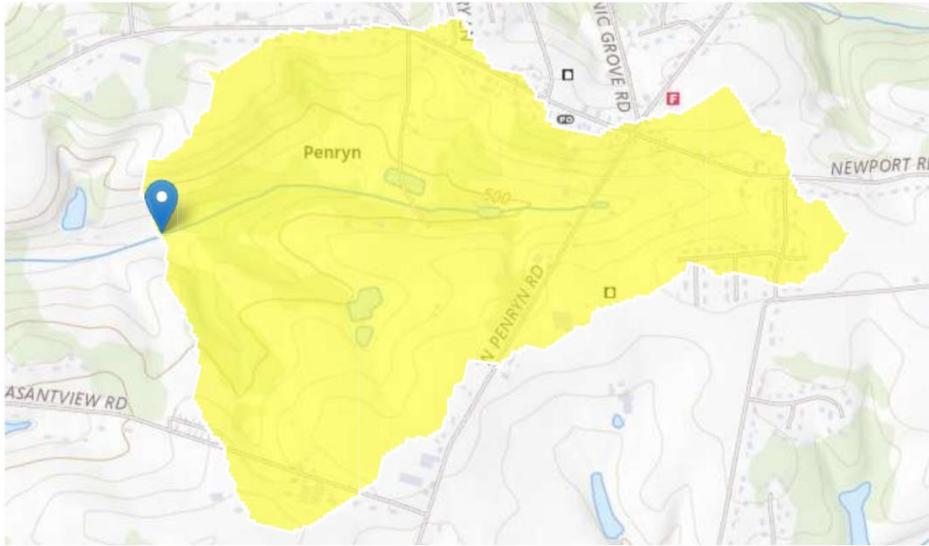
Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	XXX	XXX	XXX	XXX	XXX	1/month	Measured
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9.0	1/month	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.6	1/month	Grab
CBOD5	XXX	XXX	XXX	10.0	XXX	20	1/month	Grab
TSS	XXX	XXX	XXX	10.0	XXX	20	1/month	Grab
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/month	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	XXX	1/month	Grab
Ammonia	XXX	XXX	XXX	27.0	XXX	54.0	1/month	Grab
Total Phosphorus	XXX	XXX	XXX	Report	XXX	XXX	2/month	8-Hr Composite

Compliance Sampling Location: Outfall 001

Other Comments: None

Pine View Acres MHP PA0034363 Outfall 001

Region ID: PA
 Workspace ID: PA20250808151640240000
 Clicked Point (Latitude, Longitude): 40.20261, -76.38322
 Time: 2025-08-08 11:17:01 -0400



+ Collapse All

Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
BSLOPD	Mean basin slope measured in degrees	4.7754	degrees
DRNAREA	Area that drains to a point on a stream	0.54	square miles
ROCKDEP	Depth to rock	3	feet
URBAN	Percentage of basin with urban development	15.2015	percent

➤ Low-Flow Statistics

Low-Flow Statistics Parameters [Low Flow Region 1]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
BSLOPD	Mean Basin Slope degrees	4.7754	degrees	1.7	6.4
DRNAREA	Drainage Area	0.54	square miles	4.78	1150
ROCKDEP	Depth to Rock	3	feet	4.13	5.21
URBAN	Percent Urban	15.2015	percent	0	89

Low-Flow Statistics Disclaimers [Low Flow Region 1]

One or more of the parameters is outside the suggested range. Estimates were extrapolated with unknown errors.

Low-Flow Statistics Flow Report [Low Flow Region 1]

Statistic	Value	Unit
7 Day 2 Year Low Flow	0.0202	ft ³ /s
30 Day 2 Year Low Flow	0.0348	ft ³ /s
7 Day 10 Year Low Flow	0.00577	ft ³ /s
30 Day 10 Year Low Flow	0.0111	ft ³ /s
90 Day 10 Year Low Flow	0.0242	ft ³ /s

Low-Flow Statistics Citations

Stuckey, M.H., 2006, Low-flow, base-flow, and mean-flow regression equations for Pennsylvania streams: U.S. Geological Survey Scientific Investigations Report 2006-5130, 84 p. (<http://pubs.usgs.gov/sir/2006/5130/>)

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Application Version: 4.29.2

StreamStats Services Version: 1.2.22

NSS Services Version: 2.2.1