pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Northeast Regional Office
CLEAN WATER PROGRAM

NPDES PERMIT FACT SHEET
INDIVIDUAL SEWAGE

Application Type	**Renewal**	Application No.	**PA0062375**
Facility Type	**Non-Municipal**	APS ID	**945565**
Major / Minor	**Minor**	Authorization ID	**1459859**

Applicant and Facility Information

Applicant Name	**Saddleview Sewer, LLC**	Facility Name	**Saddleview Sewer WWTP**
Applicant Address	301 Shore Drive	Facility Address	55 Stone Hedge Drive
	Tunkhannock, PA 18657		Tunkhannock, PA 18657
Applicant Contact	Jim Lentz	Facility Contact	Erika Edwards
Applicant Phone	(570) 290-3147	Facility Phone	(570) 836-5108
Client ID	336965	Site ID	259877
Ch 94 Load Status	-	Municipality	Tunkhannock Township
Connection Status	-	County	Wyoming
Date Application Received	October 26, 2023	EPA Waived?	Yes
Date Application Accepted	October 26, 2023	If No, Reason	-

Purpose of Application: Renewal of NPDES permit.

Summary of Review

The applicant is requesting renewal of their NPDES permit to discharge up to 0.079 MGD of treated sewage to Mill Run (stream code 28703), a CWF/MF designated receiving stream in state water plan basin 04-G (Mehoopany – Bowman Creeks). As per the Department's current existing use list, the receiving stream does not have an existing use classification that is more protective than its designated use.

Effluent limits for $CBOD_5$, TSS, pH and Fecal Coliform are technology-based and carried over from the previous permit. Effluent limits for DO, TRC and Ammonia-Nitrogen are water quality-based and carried over from the previous permit. The monthly average TRC limitation is removed from the permit since the facility utilizes UV radiation for disinfection. TRC shall be monitored in the effluent on days where the permittee utilizes chlorine for backup disinfection, cleaning, or other purposes (see Part C.I.E.). The permittee shall report operation of the ultraviolet (UV) disinfection system daily using the Daily Effluent Monitoring supplemental DMR form.

The default low flow yield of 0.1 cfs/mi^2 was used to model the discharge since there are no stream gages on or near the receiving stream that are representative of the flow conditions at Outfall 001. RMI values for modeling inputs were obtained using the Department's eMapPA, drainage areas were delineated using USGS's StreamStats interactive map, and elevations were obtained using the elevation profile tool on StreamStats (see Watershed Information attachment). Water quality modeling resulted in no need for more stringent limitations (see WQM Modeling and TRC Calculation attachments).

Quarterly monitoring for Total Phosphorus and Total Nitrogen (Total Kjeldahl Nitrogen & Nitrate+Nitrite-Nitrogen) is carried over from the previous renewal. Monitoring/reporting for E. Coli is added to the permit as per current guidance.

Monitoring frequencies for all parameters with limitations are in accordance with the recommended frequencies found in Table 6-3 of DEP's Technical Guidance for the Development and Specification of Effluent Limitations (doc. no. 362-0400-001).

Approve	Deny	Signatures	Date
X		Brian Burden, E.I.T. / Project Manager	July 11, 2024
X		Amy M. Bellanca (signed) Amy M. Bellanca, P.E. / Program Manager	7-12-24

Summary of Review

A notice of violation (NOV) was sent to the permittee on January 7, 2022 for effluent limitation exceedances for Ammonia-N, Fecal Coliform. Dissolved Oxygen and Total Suspended Solids during the 2018 – 2021 timeframe. Recent review of DMR results shows general compliance with all effluent limitations.

The permit renewal application indicates 3.0528 dry tons of sludge was hauled to Greater Hazleton Joint Sewer Authority's WWTP via Environmental Service Corp. during the previous year.

The previously issued permit expired on April 30, 2024 and the application for permit renewal was submitted on time. There are two open violations for the client related to the January 7, 2022 NOV that have not been resolved in eFACTS.

Antibacksliding requirements have been met since no effluent limitations were made less stringent or removed from the permit. EPA waiver is in effect.


WQM Modeling.pdf


TRC Calculation.pdf


Watershed Information.pdf

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.

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	0.079
Latitude	41º 31' 51"	Longitude	-75º 52' 16"
Quad Name	Factoryville	Quad Code	0639
Wastewater Description:	Sewage Effluent		

Receiving Waters	Mill Run	Stream Code	28703
NHD Com ID	66406975	RMI	2.84
Drainage Area	1.24	Yield (cfs/mi^2)	0.1
Q_{7-10} Flow (cfs)	0.124	Q_{7-10} Basis	Default LFY
Elevation (ft)	876	Slope (ft/ft)	0.0118
Watershed No.	4-G	Chapter 93 Class.	CWF/MF
Existing Use	-	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment	-		
Source(s) of Impairment	-		
TMDL Status	-	Name	-

Background/Ambient Data		Data Source
pH (SU)	-	-
Temperature (°F)	-	-
Hardness (mg/L)	-	-
Other:	-	-

Nearest Downstream Public Water Supply Intake	Danville Municipal Water Authority		
PWS Waters	Susquehanna River	Flow at Intake (cfs)	1123
PWS RMI	122.5	Distance from Outfall (mi)	~79

Treatment Facility Summary

Treatment Facility Name: Saddleview Sewer WWTP

WQM Permit No.	Issuance Date
6690402 A-1	7/27/2018

Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Sewage	Secondary	Extended Aeration	UV	0.0105 (2022)

Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal
0.079	Non-municipal	Not Overloaded	Holding Tank	Hauled

Development of Effluent Limitations

Outfall No. 001 **Design Flow (MGD)** 0.079
Latitude 41º 31' 51" **Longitude** -75º 52' 16"
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
$CBOD_5$	25.0	Average Monthly	133.102(a)(4)(i)	92a.47(a)(1)
	50.0	IMAX	-	-
Total Suspended Solids	30.0	Average Monthly	133.102(b)(1)	92a.47(a)(1)
	60.0	IMAX	-	-
pH	6.0 – 9.0 S.U.	Min – Max	133.102(c)	95.2(1)
Fecal Coliform (5/1 – 9/30)	200 / 100 ml	Geo Mean	-	92a.47(a)(4)
	1,000 / 100 ml	IMAX	-	92a.47(a)(4)
Fecal Coliform (10/1 – 4/30)	2,000 / 100 ml	Geo Mean	-	92a.47(a)(5)
	10,000 / 100 ml	IMAX	-	92a.47(a)(5)

Water Quality-Based Limitations

The following limitations were determined through water quality modeling:

Parameter	Limit (mg/l)	SBC	Model
Dissolved Oxygen	6.0	Minimum	Previous modeling
Total Residual Chlorine	0.19	IMAX	Previous modeling
Ammonia-Nitrogen (5/1 – 10/31)	2.5	Average Monthly	Previous modeling
	5.0	IMAX	
Ammonia-Nitrogen (11/1 – 4/30)	7.5	Average Monthly	
	15.0	IMAX	

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Approve	Deny	Signatures	Date
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