

Application Type Renewal  
Facility Type Non-Municipal  
Major / Minor Minor

## NPDES PERMIT FACT SHEET INDIVIDUAL SEWAGE

Application No. PA0031267  
APS ID 1140766  
Authorization ID 1532873

### Applicant and Facility Information

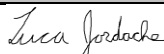
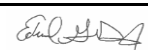
Applicant Name	<u>Tri Valley School District</u>	Facility Name	<u>Hegin Hubley Elementary Building Wastewater Treatment Facility</u>
Applicant Address	<u>110 W Main Street</u> <u>Valley View, PA 17983-9423</u>	Facility Address	<u>1801 West Main Street</u> <u>Valley View, PA 17983</u>
Applicant Contact	<u>Matthew Horoschak</u>	Facility Contact	<u>Matthew Horoschak</u>
Applicant Phone	<u>(570) 682-9013</u>	Facility Phone	<u>(570) 682-9013</u>
Client ID	<u>34157</u>	Site ID	<u>456649</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>Hegins Township</u>
Connection Status		County	<u>Schuylkill</u>
Date Application Received	<u>June 30, 2025</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted		If No, Reason	
Purpose of Application	<u>Application for Renewal of Individual NPDES Sewage Permit</u>		

### Summary of Review

The applicant is requesting renewal of the individual NPDES sewage permit PA0031267 to discharge 0.0022 MGD of treated sewage effluent into Pine Creek, a Cold-Water Fishes – Migratory Fishes (CWF-MF) stream in PA state water plan 06C (Mahantango - Wiconisco Creeks). Pine Creek is currently impaired for aquatic life due to siltation and metals from agriculture and acid mine drainage, and impaired for recreational use due to pathogens from an unknown source. Pine Creek is part of the Pine Creek – Schuylkill County TMDL finalized in 2009 for aluminum, iron, manganese, and low pH.

The facility treats influent waste from the Hegins-Hubley Elementary School. An Imhoff tank is the primary filtration tank, followed by sand filtration beds for secondary filtration. A sanitization tank is treated with sodium hypochlorite for disinfection and then the final effluent is discharged to Pine Creek. The facility's discharge is not expected to contribute to the impairment or TMDL of Pine Creek. The sampling data provided in the application files did not show any pollutants of concern in the effluent.

All of the previously applied effluent limits have been carried over for the renewal, with three new limits applied to account for Minimum Technology standards. The new limits applied to this permit are an annual reporting requirement for E. Coli, an average weekly limit of 40 mg/L for CBOD<sub>5</sub>, and an average weekly limit of 45 mg/L for TSS. All new and renewed NPDES sewage permits are required to report E. Coli samples with frequency depending on the size of the WWTP. Water quality modeling was performed using WQM 7.0, however the modeling did not produce any stricter limits than currently present in the permit. A stream LFY of 0.167 calculated from USGS StreamStats was used in the modeling with a drainage area of 24 mi<sup>2</sup>, an elevation of 656 ft, and an RMI of 30.51. The run used was from outfall 001 to the drainage point into the Susquehanna River, a Warm Water Fishes – Migratory Fish (WWF-MF) stream impaired for aquatic life and fish consumption due to high pH, mercury, and PCBs. More information regarding downstream public water supplies, stream, and discharge information is included below in this fact sheet.

Approve	Deny	Signatures	Date
X		 Luca Jordache / Environmental Engineering Trainee	November 20, 2025
X		 Edward Dudick, P.E. / Environmental Engineering Manager	January 12, 2026

### Summary of Review

The following documents were used and/or generated to aid in the writing of this permit and fact sheet:



Watershed Info  
PA0031267.pdf



WQM  
Modeling.pdf



Sewage Effluent  
Limits SOP.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 Information			
Outfall No.	001	Design Flow (MGD)	0.0022
Latitude	40° 38' 15.87"	Longitude	-76° 33' 46.54"
Quad Name	-	Quad Code	-
Wastewater Description:	Sewage Effluent		
Receiving Waters Information			
Receiving Waters	Pine Creek (CWF, MF)	Stream Code	17208
NHD Com ID	54970657	RMI	30.5
Drainage Area	24	Yield (cfs/mi²)	0.167
Q7-10 Flow (cfs)	0.96	Q7-10 Basis	USGS StreamStats
Elevation (ft)	656	Slope (ft/ft)	0.0017
Watershed No.	6-C	Chapter 93 Class.	CWF, MF
Existing Use	-	Existing Use Qualifier	-
Exceptions to Use	-	Exceptions to Criteria	-
Assessment Status	Impaired		
Cause(s) of Impairment	METALS, SILTATION		
Source(s) of Impairment	ACID MINE DRAINAGE, AGRICULTURE		
TMDL Status	Final	Name	Pine Creek - Schuylkill County
Water Supply Information			
Nearest Downstream Public Water Supply Intake		Hegins Twp Water Auth Schuylkill County	
PWS Waters	Pine Creek	Flow at Intake (cfs)	4.5
PWS RMI	27.3	Distance from Outfall (mi)	3.2

**Development of Effluent Limitations**

<b>Outfall No.</b>	<u>001</u>	<b>Design Flow (MGD)</b>	<u>0.0022</u>
<b>Latitude</b>	<u>40° 38' 15.87"</u>	<b>Longitude</b>	<u>-76° 33' 46.54"</u>
<b>Wastewater Description:</b> <u>Sewage Effluent</u>			

**Technology-Based Limitations**

Pollutant	Limit (mg/l)	SBC	Federal Regulation	State Regulation
CBOD <sub>5</sub>	25	Average Monthly	133.102(a)(4)(i)	92a.47(a)(1)
	40	Average Weekly	133.102(a)(4)(ii)	92a.47(a)(2)
Total Suspended Solids	30	Average Monthly	133.102(b)(1)	92a.47(a)(1)
	45	Average Weekly	133.102(b)(2)	92a.47(a)(2)
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)
Fecal Coliform (5/1 – 9/30)	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)
Fecal Coliform (10/1 – 4/30)	10,000 / 100 ml	IMAX	-	92a.47(a)(5)
Total Residual Chlorine	0.5	Average Monthly	-	92a.48(b)(2)

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