

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

**NPDES PERMIT FACT SHEET  
INDIVIDUAL SEWAGE**

Application No. PA0033669  
 APS ID 948491  
 Authorization ID 1407678

**Applicant and Facility Information**

Applicant Name	<u>Valley View Mobile Home Park, LLC</u>	Facility Name	<u>Valley View Mobile Home Park WWTP</u>
Applicant Address	<u>PO Box 1775</u> <u>Shavertown, PA 18708-0775</u>	Facility Address	<u>Lot 218 South Dr.</u> <u>Dallas, PA 18612</u>
Applicant Contact	<u>Robert Oley</u>	Facility Contact	<u>Robert Oley</u>
Applicant Phone	<u>(570) 407-1367</u>	Facility Phone	<u>(570) 407-1367</u>
Client ID	<u>199723</u>	Site ID	<u>172155</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>Dallas Township</u>
Connection Status	<u>-</u>	County	<u>Luzerne</u>
Date Application Received	<u>August 17, 2022</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>August 17, 2022</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>Renewal of NPDES permit.</u>		

**Summary of Review**

The applicant is requesting renewal of an NPDES permit to discharge 0.075 MGD of treated sewage to an unnamed tributary to Abrahams Creek, a cold water fishes and migratory fishes (CWF/MF) designated receiving stream in state water plan basin 05-B (Toby - Wapwallopen 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. The point of first use had been updated to the discharge point on the receiving stream in the previous renewal.

The Ammonia-Nitrogen, TRC, Total Phosphorus and Dissolved Oxygen limits are water quality-based and carried over from the previous permit. The Total Phosphorus limitation was developed to help control nutrients entering Frances Slocum Lake, which is approximately 3 miles downstream of the discharge point. The CBOD<sub>5</sub>, TSS, pH and Fecal Coliform limits are technology-based and carried over from the previous permit. Modeling the discharge using the default low flow yield (LFY) of 0.1 cfs/mi<sup>2</sup> resulted in no need for more stringent limitations for CBOD<sub>5</sub>, Ammonia-Nitrogen, or Dissolved Oxygen. The default LFY value of 0.1 cfs/mi<sup>2</sup> was carried over from the previous renewal since there's no current data for upstream or downstream stream gages available to develop a more representative LFY. 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 USGS's National Map Viewer.

Monitoring and reporting requirements for Total Nitrogen, Nitrate+Nitrite-N and Total Kjeldahl Nitrogen are updated to 1/year for this Phase 5 non-significant Chesapeake Bay discharger. As per DEP guidance, quarterly monitoring/reporting is included in the permit for E.Coli.

All monitoring frequencies for parameters with limitations are consistent with the Department's *Technical Guidance for the Development and Specification of Effluent Limitations and Other Permit Conditions in NPDES Permits* (document no. 362-0400-001).

Approve	Deny	Signatures	Date
X		<i>Brian Burden</i> Brian Burden, E.I.T. / Project Manager	October 18, 2022
X		Amy M. Bellanca (signed) Amy M. Bellanca, P.E. / Environmental Engineer Manager	11-2-22

### Summary of Review

The previously issued permit expires on October 31, 2022 and the application for permit renewal was received by DEP on August 17, 2022. There are no open violations for the client that would warrant withholding the issuance of this permit. DMR review over the previous two years revealed no effluent limitation violations.

The permit renewal application indicates an upgrade to UV disinfection is planned within the next 5 years.

Sludge use and disposal description and location(s): The permit renewal application states 0.45 dry tons of sewage sludge was land applied to Rural Wastewater Farm (PAG092212).



WQM  
Modeling.pdf



Watershed  
Information.pdf



2017 TRC  
Spreadsheet.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.	<u>001</u>	Design Flow (MGD)	<u>0.075</u>
Latitude	<u>41° 22' 18"</u>	Longitude	<u>-75° 55' 21"</u>
Quad Name	<u>Kingston</u>	Quad Code	<u>0838</u>
Wastewater Description: <u>Sewage Effluent</u>			

Receiving Waters	<u>Unnamed Tributary to Abrahams Creek</u>	Stream Code	<u>28373</u>
NHD Com ID	<u>65631737</u>	RMI	<u>1.1</u>
Drainage Area	<u>0.089 mi<sup>2</sup></u>	Yield (cfs/mi <sup>2</sup> )	<u>0.1</u>
Q <sub>7-10</sub> Flow (cfs)	<u>0.0089</u>	Q <sub>7-10</sub> Basis	<u>Default LFY</u>
Elevation (ft)	<u>1274</u>	Slope (ft/ft)	<u>0.019</u>
Watershed No.	<u>5-B</u>	Chapter 93 Class.	<u>CWF, 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)</u>		
Cause(s) of Impairment	<u>-</u>		
Source(s) of Impairment	<u>-</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>Danville Municipal Water Authority</u>		
PWS Waters	<u>Susquehanna River</u>	Flow at Intake (cfs)	<u>1123</u>
PWS RMI	<u>122.5</u>	Distance from Outfall (mi)	<u>~65</u>

Treatment Facility Summary				
<b>Treatment Facility Name:</b> Valley View MHP				
<b>WQM Permit No.</b>		<b>Issuance Date</b>		
4076416		9/28/1976		
<b>Waste Type</b>	<b>Degree of Treatment</b>	<b>Process Type</b>	<b>Disinfection</b>	<b>Avg Annual Flow (MGD)</b>
Sewage	Secondary	Extended Aeration	Chlorine Contact	0.075
<b>Hydraulic Capacity (MGD)</b>	<b>Organic Capacity (lbs/day)</b>	<b>Load Status</b>	<b>Biosolids Treatment</b>	<b>Biosolids Use/Disposal</b>
0.075	65	Not Overloaded	Aerated Sludge Holding	Hauled / Land Application

**Development of Effluent Limitations**

**Outfall No.** 001  
**Latitude** 41° 22' 18"  
**Wastewater Description:** Sewage Effluent

**Design Flow (MGD)** 0.075  
**Longitude** -75° 55' 21"

**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 <sub>5</sub>	25	Average Monthly	133.102(a)(4)(i)	92a.47(a)(1)
	50	IMAX	-	-
Total Suspended Solids	30	Average Monthly	133.102(b)(1)	92a.47(a)(1)
	60	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	1986 Pollution Report
Ammonia-Nitrogen (5/1 – 10/31)	1.5	Average Monthly	1986 Pollution Report
	3.0	IMAX	
Ammonia-Nitrogen (11/1 – 4/30)	4.5	Average Monthly	1986 Pollution Report
	9.0	IMAX	
Total Phosphorus	1.0	Average Monthly	1986 Pollution Report
	2.0	IMAX	
Total Residual Chlorine	0.03	Average Monthly	2017 TRC Calculation Spreadsheet
	0.07	IMAX	