

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

**NPDES PERMIT FACT SHEET
INDIVIDUAL SEWAGE**

Application No. PA0055468
 APS ID 1143480
 Authorization ID 1537518

Applicant and Facility Information

Applicant Name	<u>HD Holdings LLC</u>	Facility Name	<u>Pleasant Run MHP STP</u>
Applicant Address	<u>506 Gehman Road</u> <u>Barto, PA 19504-9541</u>	Facility Address	<u>570 Layfield Road</u> <u>Perkiomenville, PA 18074</u>
Applicant Contact	<u>Kimberly Herman</u>	Facility Contact	<u>Kimberly Herman</u>
Applicant Phone	<u>(484) 571-5599</u>	Facility Phone	<u>(484) 571-5599</u>
Client ID	<u>281722</u>	Site ID	<u>239606</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>New Hanover Township</u>
Connection Status		County	<u>Montgomery</u>
Date Application Received	<u>August 8, 2025</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted		If No, Reason	
Purpose of Application	<u>Renewal</u>		

Summary of Review

The permittee has submitted a renewal application to discharge treated sewage from their facility into Deep Creek through their Outfall 001.

The facility is treating sewage from Pleasant Run Mobile Home Park. Following info is provided in application submission:

Treatment Plant Process Information:

Influent flow enters one bar screen then flows into one equalization tank, pumping intermittently by alternating pumps to one aeration tank. Treatment flows into the one clarifier with aluminum sulfate drip fed as needed (averaging 0.05 gallons/day). Flow over the weir out of the clarifier to a holding tank where, when float activated, pumps into one of two open air polishing sand filters. These filters are alternated for cleaning. Flow proceeds into one holding tank where, when float activated, combines with liquid sodium hypochlorite (averaging 0.10 gallons/day) for disinfection thru contact pipes. Wasting is held in a sludge holding tank, decant clear fluid in sent back to the aeration tank, solids are pumped into a drying bed which returns fluids back to the headworks.

No changes in effluent quality or quantity of the discharge, therefore all previously approved effluent limits and monitoring requirements will be proposed except for annual monitoring requirement for E. Coli in consistency with statewide requirements for all sewage treatment facilities. Page 6 of this factsheet lists effluent limits and monitoring requirements.

Sludge use and disposal description and location(s): According to recent site visit dated 09/05/2025 the location of the possible sludge disposal are being investigated.

Approve	Deny	Signatures	Date
X		<i>Begay Omuralieva</i> Begay Omuralieva / Environmental Engineering Specialist	January 27, 2026
√		Pravin C. Patel, P.E. / Environmental Engineer Manager (Reza Chowdhury, P.E., on behalf of Pravin) 	January 27, 2026

Summary of Review

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>.0053</u>
Latitude	<u>40° 20' 34.04"</u>	Longitude	<u>-75° 32' 40.11"</u>
Quad Name	<u>Sassamansville</u>	Quad Code	<u>1641</u>
Wastewater Description: <u>Effluent</u>			
Receiving Waters	<u>Deep Creek (TSF, MF)</u>	Stream Code	<u></u>
NHD Com ID	<u>25994126</u>	RMI	<u>3.5400</u>
Drainage Area	<u></u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u></u>	Q ₇₋₁₀ Basis	<u></u>
Elevation (ft)	<u></u>	Slope (ft/ft)	<u></u>
Watershed No.	<u>3-E</u>	Chapter 93 Class.	<u>TSF, 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>

Changes Since Last Permit Issuance: none

Treatment Facility Summary				
Treatment Facility Name: Pleasant Run MHP STP				
WQM Permit No.	Issuance Date			
4693407	08/15/2003			
Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Sewage	Secondary With Ammonia And Phosphorus	Activated Sludge	Hypochlorite	0.0053
Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal
0.0053	12	Not Overloaded	Drying	Land Application

Changes Since Last Permit Issuance:

Other Comments:

Compliance History

DMR Data for Outfall 001 (from December 1, 2024 to November 30, 2025)

Parameter	NOV-25	OCT-25	SEP-25	AUG-25	JUL-25	JUN-25	MAY-25	APR-25	MAR-25	FEB-25	JAN-25	DEC-24
Flow (MGD) Average Monthly	0.00168 0	0.00185 3	0.00197 5	0.00206 4	0.00260 4	0.00236 6	0.00247 1	0.00248 5	0.00218 5	0.00241 5	0.00281 4	0.00227 4
Flow (MGD) Daily Maximum	0.00195 1	0.00226 6	0.00231 9	0.00240 5	0.00333 2	0.00309 9	0.00311 6	0.00297 7	0.00277 2	0.00293 8	0.00584 7	0.00315 5
pH (S.U.) Minimum	7.58	7.63	7.52	7.00	7.03	6.85	6.99	7.39	7.38	6.93	6.93	7.19
DO (mg/L) Minimum	7.3	8.1	5.9	5.7	6.6	7.8	8.3	8.1	8.6	9.0	9.7	9.8
TRC (mg/L) Average Monthly	0.41	0.35	0.35	0.32	0.268	0.27	0.35	0.39	0.30	0.276	0.36	0.37
TRC (mg/L) Instantaneous Maximum	0.46	0.43	0.42	0.46	0.44	0.47	0.42	0.47	0.47	0.47	0.46	0.50
CBOD5 (mg/L) Average Monthly	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TSS (mg/L) Average Monthly	< 1.0	< 1.0	1.0	1.0	2.0	< 1.0	< 1.0	< 1.0	< 1.0	4.0	1.0	< 1.0
Fecal Coliform (No./100 ml) Geometric Mean	< 2.0	< 2.0	< 2.0	18	< 2.0	< 2.0	8	< 2.0	< 2.0	< 2	< 2	< 2
Total Nitrogen (mg/L) Average Monthly	< 25.7	< 14.4	< 2.19	< 2.01	< 1.91	1.89	< 1.85	< 7.34	< 9.89	< 12.50	< 13.60	< 16.6
Total Nitrogen (mg/L) Daily Maximum	< 25.7	< 14.4	< 2.19	< 2.01	< 1.91	1.89	< 1.85	< 7.34	< 9.89	< 12.50	< 13.60	< 16.6
Ammonia (mg/L) Average Monthly	0.02	0.017	0.03	0.02	0.056	0.17	< 0.02	< 0.02	< 0.02	0.03	< 0.02	< 0.02
Total Phosphorus (mg/L) Average Monthly	1.95	1.74	1.30	1.11	1.296	0.88	1.98	1.9	1.85	2.19	1.53	2.38

Compliance History

No issues

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” (386-0400-001), 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	Report Daily Max	XXX	XXX	XXX	XXX	1/week	Metered
pH (S.U.)	XXX	XXX	6.0 Inst Min	XXX	XXX	9	1/week	Grab
DO	XXX	XXX	5.0 Inst Min	XXX	XXX	XXX	1/week	Grab
TRC	XXX	XXX	XXX	0.5	XXX	1.0	1/week	Grab
CBOD5	XXX	XXX	XXX	25.0	XXX	50	1/month	24-Hr Composite
TSS	XXX	XXX	XXX	30.0	XXX	60	1/month	24-Hr Composite
Fecal Coliform (No./100 ml)	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/month	Grab
E. Coli (No./100 ml)	XXX	XXX	XXX	XXX	XXX	Report	1/year	Grab
Total Nitrogen	XXX	XXX	XXX	Report	Report Daily Max	XXX	1/month	Calculation
Ammonia	XXX	XXX	XXX	10.0	XXX	20	1/month	24-Hr Composite
Total Phosphorus	XXX	XXX	XXX	4.0	XXX	6	1/month	24-Hr Composite

Compliance Sampling Location: Outfall 001



Approve	Deny	Signatures	Date
X		<i>Begay Omuralieva</i> Begay Omuralieva / Environmental Engineering Specialist	January 27, 2026
√		Pravin C. Patel, P.E. / Environmental Engineer Manager (Reza Chowdhury, P.E., on behalf of Pravin) 	January 27, 2026