

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

**NPDES PERMIT FACT SHEET
INDIVIDUAL SEWAGE**

Application No. PA0063517 A-2
 APS ID 1157565
 Authorization ID 1560942

Applicant and Facility Information

Applicant Name	<u>477 Holdings LLC</u>	Facility Name	<u>Pine Creek Recovery</u>
Applicant Address	<u>477 Bonnieville Road</u> <u>Stillwater, PA 17878-9211</u>	Facility Address	<u>477 Bonnieville Road</u> <u>Stillwater, PA 17878-9211</u>
Applicant Contact	<u>Paul McGuire</u>	Facility Contact	<u>Paul McGuire</u>
Applicant Phone	<u>(570) 864-3174</u>	Facility Phone	<u>(570) 864-3174</u>
Client ID	<u>398404</u>	Site ID	<u>864</u>
Ch 94 Load Status	<u>Not Overloaded</u>	Municipality	<u>Huntington Township</u>
Connection Status		County	<u>Luzerne</u>
Date Application Received	<u>February 25, 2026</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>March 9, 2026</u>	If No, Reason	
Purpose of Application	<u>Renewal and Transfer for an MISF1 Permit – Individual Sewage</u>		

Summary of Review

The applicant is requesting renewal of a NPDES permit to discharge 0.008 MGD of treated sewage to 27800 Pine Creek (CWF-MF, Cold Water Fish, Migratory Fish) designated receiving stream in State Water Plan Basin 5-C – Fishing Creek. 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 receiving stream is not considered a naturally reproducing wild trout stream as per the PA Fish and Boat Commission.

According to eMAP PA, 27800 is currently in “supporting” for its assessed use of Aquatic Life. Pine Creek is a tributary of 27796 Huntington Creek. It is also supporting for its assessed use of Aquatic Life.

This permit is being transferred from Bonnieville Inc. to 477 Holdings Inc. They are different business entities; it is not a name change of the client. The facility had a name change from Bonham Nursing and Rehab Center to Pine Creek Recovery. The demand of the facility will not change as the number of beds at the facility remains the same. According to the past year of eDMR Data (February 1, 2025 to January 31, 2026), the average daily flow was 0.002186 MGD. The maximum daily flow was 0.00675 MGD

In the most recent WQM Permit, the facility was derated from 0.01625 MGD to 0.008 MGD. The highlights of the changes to the WWTP include:

- 6,100-gallon equalization tank with submerged bar screen with 1” slots spaced 1.5” apart with a blower and 2 influent pumps.
- 16,983-gallon aeration basin and a 85 cfm blower.
- 1,667-gallon secondary clarifier.
- Sludge is returned via lift pumps.
- 167-gallon baffled chlorine contact tank and an 83-gallon dechlorination tank supplied by tablet dechlorination.
- An aerobic digester split into a 4,140-gallon sludge holding tank and an 8,280 gallon seed tank.

Approve	Deny	Signatures	Date
X		<i>Melanie Macioce</i> Melanie Macioce / Environmental Engineering Trainee	March 16, 2026
X		<i>Edward Dudick</i> Edward Dudick, P.E. / Environmental Engineer Manager	March 16, 2026

Summary of Review

- An ultrasonic level sensing flow meter to measure final effluent.

According to Table 6-3 DEP's Technical Guidance for the Development and Specification of Effluent Limitations the following are required in the permit: Flow, CBOD₅, Total Suspended Solids, pH, Fecal Coliform, Total Residual Chlorine, Ammonia Nitrogen, Total Phosphorous, Total Nitrogen (along with Nitrate-Nitrite as N and Total Kjeldahl to complete the calculation), Dissolved Oxygen, and E.Coli. The following were added because of the updated table.

- Ammonia Nitrogen has a limit of 25 mg/L Average Monthly and 50 mg/L IMAX. The effluent limitations will only be reported in winter. It will be monitored for 2/month. This is consistent with the most updated TBELs. This has changed from reporting the average quarterly.
- The Total Residual Chlorine limit will remain at 0.5 mg/L monthly average and 1.6 mg/L IMAX. This was the most stringent TRC limit from the previous permit and the current TBEL value. The TRC Calculation Spreadsheet did not indicate that a more strict limit was needed.
- E. Coli was added as a new permit limit in this renewal. The instantaneous maximum will be measured 1/year since this facility has a design flow between 0.002 – 0.05 MGD.
- The minimum measurement frequency will be increased to 2/month for Total Phosphorous.

All of these changes will come into effect on the permit effective date. No changes have been made to make the limits less stringent which complies with anti-backsliding requirements.

WQM Modeling was performed for this permit. The initial data was input into the software as effluent limitations:

- 1) CBOD₅ was input as 25 mg/L as a monthly average
- 2) Ammonia Nitrogen was input as 25 mg/L for a monthly average and 50 mg/L as a maximum.
- 3) Dissolved Oxygen was input as a minimum of 3 mg/L with a goal of 5 mg/L according to 25 PA Code §93.7.

All results came back that the effluent limitation requirements were the same as the input value. Below is the documented WQM Results and the StreamStats data used to generate the parameters within the software.



WMS March 2026



StreamStats Pine
Creek



StreamStats
Huntington Creek



TRC Calculation

Based off the results, the following effluent limitations will be implemented:

- 1) CBOD₅ will remain at 25 mg/L as a monthly average. It will be sampled for 2/month.
- 2) Ammonia Nitrogen will have a summer limit of 25 mg/L for a monthly average and 50 mg/L as a maximum. In winter, there will only be a monitoring requirement for Ammonia Nitrogen as WQM recommended the TBEL limitation as the summer limit.
- 3) Dissolved Oxygen will have a weekly monitoring requirement. WQM Modeling did not suggest that this discharge would impact the stream enough to fall below the 5 mg/L required by 25 PA Code §93.7. The result of inputting 3 mg/L with a goal of 5 mg/L resulted in a minimum limit of 3.0 mg/L. This means the discharge does not greatly affect the DO levels. As this is the first time dissolved oxygen is an effluent limitation, inputting a limit that a small facility may not be able to reach would greatly affect the permit and the permittee in future renewals due to anti-backsliding requirements. The previous permit did not call for monitoring DO at all. It may be recommended to establish effluent limitations and increase sampling frequency in future permits.

This is a Phase 5 Non-significant Chesapeake Bay Facility.

A WMS Query for "Inspection Reports" was performed looking at the past 5 years. An Administrative/File Review was conducted on June 23, 2023. A Compliance Evaluation was performed on November 5, 2024. A Complaint Inspection was performed on February 25, 2025.

This renewal coincides with a transfer. There are no open violations for the current client (as they are new).

However, there is one open violation for the previous client:

- There is a NPDES – Violation of effluent limits in Part A of the permit.

Summary of Review

This violation will carry over to the new permittee holder.

According to a previous fact sheet from February 2017, biosolids generated at the WWTP are hauled away for disposal by Chapin Sewage Disposal.

An A-2 designation has been added after the NPDES permit number to represent the number of transfers since the original permit was issued.

WQM Permit 4019401 is being transferred simultaneously with NPDES Permit PA0063517. A T-2 designation will be added since this is the permit's first transfer.

The previous NPDES Permit expired on March 31, 2024. The application for renewal was received on February 25, 2026.

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>.008</u>
Latitude	<u>41° 12' 19.88"</u>	Longitude	<u>-76° 16' 30.53"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description: <u>Sewage Effluent</u>			
Receiving Waters	<u>Pine Creek (CWF)</u>	Stream Code	<u>27800</u>
NHD Com ID	<u>65635671</u>	RMI	<u>6.94</u>
Drainage Area	<u>13.3</u>	Yield (cfs/mi ²)	<u>0.048</u>
Q ₇₋₁₀ Flow (cfs)	<u>0.645</u>	Q ₇₋₁₀ Basis	<u>-</u>
Elevation (ft)	<u>810.6</u>	Slope (ft/ft)	<u>0.0066</u>
Watershed No.	<u>5-C</u>	Chapter 93 Class.	<u>CWF</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>Veolia Water PA Inc.</u>	
PWS Waters	<u>Fishing Creek</u>	Flow at Intake (cfs)	<u>30.4</u>
PWS RMI	<u>11.6</u>	Distance from Outfall (mi)	<u>23.8</u>

Changes Since Last Permit Issuance: N/A

Other Comments: N/A

Treatment Facility Summary				
Treatment Facility Name: Pine Creek Recovery				
WQM Permit No.		Issuance Date		
4019401		December 17, 2019		
Waste Type	Degree of Treatment	Process Type	Disinfection	Avg Annual Flow (MGD)
Sewage	Secondary	Extended Aeration	Chlorine With Dechlorination	0.008
Hydraulic Capacity (MGD)	Organic Capacity (lbs/day)	Load Status	Biosolids Treatment	Biosolids Use/Disposal
0.008	33.36	Not Overloaded		Disposal by Chapin Sewage Disposal

Changes Since Last Permit Issuance: here was an installation of a new treatment system that derated the facility from 0.01625 MGD to 0.008 MGD. All components of the WWTP between the existing influent gravity line and the existing gravity outfall line were replaced.

Other Comments: N/A

Compliance History

DMR Data for Outfall 001 (from February 1, 2025 to January 31, 2026)

Parameter	JAN-26	DEC-25	NOV-25	OCT-25	SEP-25	AUG-25	JUL-25	JUN-25	MAY-25	APR-25	MAR-25	FEB-25
Flow (MGD) Average Monthly	0.00312	0.00244	0.00113	0.00146 3	0.00088 8	0.00148 1	0.00127	0.00159	0.00011 82	0.00077 8	0.0014	0.00284
Flow (MGD) Daily Maximum	0.00661	0.00675	0.00355	0.00433 7	0.00300 6	0.00367	0.00403 2	0.00502 2	0.00030 96	0.00220 6	0.00276	0.00453
pH (S.U.) Instantaneous Minimum	7.98	7.64	7.78	7.51	7.6	7.65	7.14	7.21	6.94	7.03	7.07	7.08
pH (S.U.) Instantaneous Maximum	8.88	8.86	8.91	8.72	8.47	8.4	8.36	8.09	8.09	8.06	8.07	8.42
TRC (mg/L) Average Monthly	0.36	< 0.18	< 0.2	< 0.37	0.29	0.26	< 0.25	0.29	< 0.29	< 0.08	< 0.058	< 0.06
TRC (mg/L) Instantaneous Maximum	1.29	1.40	0.54	1.06	1.02	0.46	0.7	0.88	1.14	0.41	0.33	0.36
CBOD5 (mg/L) Average Monthly	< 6.0	< 9.7	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.0	< 6.95	< 6.0	< 6.0	< 7.4
TSS (mg/L) Average Monthly	< 5.0	< 16.0	23.9	27.0	22.0	12.0	< 8.3	< 6.3	6.90	< 5.0	< 5.0	< 10.0
Fecal Coliform (No./100 ml) Geometric Mean	< 1	5.0	2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 2.0	< 1.0	8.0	1591	< 3.0
Fecal Coliform (No./100 ml) Instantaneous Maximum	< 1	29.5	4.1	< 1.0	< 1.0	3.1	2.0	4.1	1.0	16.1	2419.6	7.5
Nitrate-Nitrite (mg/L) Average Quarterly		< 3.35			4.02			< 4.82			< 11.8	
Total Nitrogen (mg/L) Average Quarterly		4.14			6.70			4.48			17.8	
Ammonia (mg/L) Average Quarterly		< 0.2			1.21			< 1.0			< 1.0	
TKN (mg/L) Average Quarterly		< 1.0			2.69			1.66			6.10	

**NPDES Permit Fact Sheet
Pine Creek Recovery**

NPDES Permit No. PA0063517

Total Phosphorus (mg/L) Average Quarterly		1.37			4.87			6.17			1.88	
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