Pennsylvania Department of Environmental Protection

Southwest Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PAI136125**
Facility Type	**MS4**	APS ID	**1100603**
Permit Type	**Individual**	Authorization ID	**1461232**

NPDES PERMIT FACT SHEET
MS4s

Applicant and Facility Information

Applicant Name	**Borough of Delmont**	Facility Name	**Borough of Delmont**
Applicant Address	77 Greensburg Street	Facility Address	77 Greensburg Street
	Delmont, PA 15626		Delmont, PA 15626
Applicant Contact	Dawn Earhart	Facility Contact	Same as applicant
Applicant Phone	(724) 468-4422	Facility Phone	Same as applicant
Client ID	64919	Site ID	263882
SIC Code	4952	Municipality	Borough of Delmont
SIC Description	Trans. & Utilities - Sewerage Systems	County	Westmoreland
Date Application Received	November 6, 2023		
Date Application Accepted			

Purpose of Application: Application for renewal of a MS4 NPDES permit

Internal Review and Recommendations

The Department received an Individual MS4 NPDES Permit renewal application from the Borough of Delmont for coverage of its MS4 on November 6, 2023.

The borough has outfalls that discharge to Turtle Creek, tributaries to Turtle Creek, and tributaries to Beaver Run. These receiving streams are designated in the 25 PA Code Chapter 93 as Trout Stocking Fisheries (TSF) and High-Quality Cold-Water Fisheries (HQ-CWF). Beaver Run and its tributaries are classified as HQ-CWF and therefore require the permittee to have an individual MS4 permit.

During the last permit cycle, the Borough of Delmont was subject to Appendices A and E of the MS4 permit due to discharges to impaired waters for abandoned mine drainage, nutrients and sediment. Being subject to Appendix E required the municipality to submit a Pollution Reduction Plan (PRP) to address the impairments and reduce the municipality's contribution and load to the impaired streams within the Beaver Run Reservoir-Beaver Run and Haymakers Run-Turtle Creek HUC-12 Watersheds. The presumptive approach was used to assume that a 10% reduction in sediment loading also achieves a 5% reduction in nutrient loading. The PRP was approved by the Department during the last permit cycle. There are no new requirements for permittees with previously approved PRPs.

The total existing sediment loading from the planning area for the Beaver Run Reservoir-Beaver Run watershed was calculated to be 199,840 pounds per year. The required 10% reduction in sediment loading was 19,984 pounds per year. Three (3) BMPs for the Beaver Run Reservoir-Beaver Run HUC-12 Watershed were proposed by the approved PRP. One BMP was a stream restoration of 325 feet. The second BMP was a 'new retrofit' and consisted of a surface storage basin intended to detain captured runoff for treatment. Treatment was to be achieved through engineered filtering media practices. The third BMP was

Approve	Deny	Signatures	Date
X		Jamie Ley / Environmental Engineering Specialist	April 11, 2025
X		Michael E. Fifth, P.E. / Environmental Engineer Manager	April 15, 2025

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an infiltration tank that was to consist of the construction of a subsurface storage basin intended to detain captured runoff for infiltration.

BMP Description	BMP Type	Sediment Loading (lbs/yr)	BMP Efficiency Values	BMP Sediment Removal (lbs/yr)
Lindsay Lane	New Retrofit - Filtration Practices	7,111	65%	4,622
Barrington Ridge Infiltration Tank	New Retrofit - Infiltration Tank	4,876	62%	3,023

BMP Description	BMP Type	Stream Length to be Restored	Sediment Removal Rate (lbs/lf/yr)	BMP Sediment Removal (lbs/yr)
Stream Restoration	Stream Restoration	325 feet	44.88	14,586

Total Sediment Removal (lbs/yr)
22,231

The total existing sediment loading from the planning area for the Haymakers Run-Turtle Creek watershed was calculated to be 165,327 pounds per year. The required 10% reduction in sediment load was 16,533 pounds per year. Three (3) BMPs for the Haymakers Run-Turtle Creek HUC-12 Watershed were proposed by the approved PRP. One BMP was a 'new retrofit' and consisted of a surface storage basin intended to detain captured runoff for treatment. Treatment would be achieved through engineered filtering media practices. The remaining two BMPs were stated as 'existing retrofits' consisting of altering an existing dry detention basin to provide additional treatment capability. Treatment would be achieved through engineered filtering media practices.

BMP Description	BMP Type	Sediment Loading (lbs/yr)	BMP Efficiency Values	BMP Sediment Removal (lbs/yr)
Cherry Blossom Ct Retrofit	Existing Retrofit Filtration Practice	8,817	62%	5,467
Apple Hill Retrofit	Existing Retrofit Filtration Practice	16,172	28%	4,528
Stotler	New Retrofit Filtration Practice	10,639	70%	7,447

Total Sediment Removal (lbs/yr)
17,442

The borough submitted a Final PRP Report for Beaver Run Reservoir-Beaver Run and Haymakers Run-Turtle Creek HUC-12 Watersheds on September 28, 2023. Two (2) BMP projects were completed according to the Final PRP Report, Cherry Blossom Ct Retrofit and Stotler. The stated TSS Load Reduction for these projects were 5,295 lbs/year TSS and 6,544 lbs/year TSS, resulting in a total TSS Load reduction of 11,839 lbs/year TSS for the Haymakers Run-Turtle Creek HUC-12 Watershed. However, the Final PRP Report did not include the requisite information for the Department to definitively confirm pollutant load reductions achieved by the borough. In addition, the Final PRP Report stated that during the current permit term, the borough experienced financial hardship due to the COVID 19 pandemic. The borough was forced to table construction efforts for BMP projects due to these unforeseen circumstances and ultimately prioritized essential services and community welfare.

It should also be noted that a revised PRP was submitted with the November 6, 2023 renewal application, although submission of a revised PRP was not necessary to include with the renewal application. As stated previously, there are no new requirements for permittees with previously approved PRPs.

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Since the previous renewal, the consulting engineer for the borough has changed and the revised PRP was prepared by the new consulting engineer. The following BMPs were stated as 'existing' within the Haymakers Run-Turtle Creek and Beaver Run Reservoir-Beaver Run HUC-12 Watershed in the revised PRP:

EXISTING BMPS - HAYMAKERS RUN-TURTLE CREEK HUC-12 WATERSHED				
BMP Description	**BMP Type**	**Sediment Loading (lbs/yr)**	**BMP Efficiency Values**	**BMP Sediment Removal (lbs/yr)**
Cherry Blossom Ct Retrofit	Existing Retrofit-Filtration Practice	8826	62%	5472
Stottler	Existing Retrofit-Filtration Practice	10629	70%	7440
				Total Sediment Removal (lbs/yr)
				12912

EXISTING BMPS - BEAVER RUN RESERVOIR-BEAVER RUN HUC-12 WATERSHED				
BMP Description	**BMP Type**	**Sediment Loading (lbs/yr)**	**BMP Efficiency Values**	**BMP Sediment Removal (lbs/yr)**
Lindsey Lane	Existing Retrofit-Filtration Practice	7119	65%	4627
Newhouse Park	Bioretention/Rain Garden	1271	55%	699
				Total Sediment Removal (lbs/yr)
				5326

Cherry Blossom Ct Retrofit and Stottler BMPs were included in the Final PRP Report. The 2023 and 2024 Annual Reports list the installation date for the Newhouse Park BMP as September 2022. Neither the Final PRP Report nor the Annual Reports reference the Lindsey Lane BMP, although it was stated by the borough's consulting engineer that this BMP was designed by the previous borough engineer and constructed in 2024.

In addition, since the submission of the Final PRP Report and the revised PRP, the following is planned for installation or has been completed by the borough:

- Apple Hill Retrofit: Sediment removal performed within the basin along with the removal of the low flow orifice to allow additional detention within the basin. The borough is currently looking at possible funding solutions for expanding the basin to allow for increased load reduction.

- Newhouse Park Phase II: Planned expansion of basin due to increased impervious area within the drainage area to the basin

As discussed above, the Department does not have the necessary information to definitively confirm the pollutant load reductions currently achieved by the borough. A technical deficiency letter will be sent to the borough requesting a revised final report which includes all BMPs implemented since 2019 PRP approval along with a schedule of compliance which documents the timeline to complete implementation of remaining BMPs, including interim milestones, that are necessary to achieve the borough's pollutant load reductions for the Haymakers Run-Turtle Creek and Beaver Run Reservoir-Beaver Run HUC-12 Watersheds. Additional enforcement and compliance measures will be taken as necessary based upon the revised final report and schedule of compliance.

The Borough of Delmont completed all pollutant control measures (PCMs) required by Appendix A. For determination of suspected sources of Appendix A impairments, a review of past outfall screening results of known outfalls with consistent dry weather flow was completed. The review of past screening results was conducted in order to determine if there were any consistencies with regard to outfall screening results. During annual outfall screening, if an outfall was found to have dry weather flow (flow present in pipe 48 hours after rainfall event), then a sample of the flow was collected and tested for various parameters. A review of past outfall screening results was conducted determine if consistencies were present with regard to pH results. Two (2) outfalls were identified as a suspected source due to a low pH (022 and 024). These outfalls were determined to be located in an area with a history of coal mining and it was suggested that past mining operations led to a high probability of acid mine drainage impacting these outfalls.

During the previous renewal review, it was noted that the borough currently possessed a Stormwater Management Ordinance and intended to enact a revised Ordinance consistent with the 2022 Model Ordinance for submission by September 30, 2022. The revised Stormwater Management Ordinance (Ordinance no. 2020-7) was adopted at a public meeting held on December

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8, 2020, and was submitted to the Department with the 2021 Annual Report. The revised Stormwater Management Ordinance is consistent with the 2013/2022 DEP Model Ordinances.

The MS4 was inspected three (3) times during the last permit cycle:

- Administrative/File Review occurred March 37, 2020 and noted no violations
- Administrative/File Review occurred February 4, 2021 and noted no violations
- Data Audit Inspection occurred September 28, 2021 and noted no violations

Draft Permit issuance is recommended.

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.