

Application Type Renewal
 Facility Type Storm Water
 Major / Minor Minor

**NPDES PERMIT FACT SHEET
 INDIVIDUAL INDUSTRIAL WASTE (IW)
 AND IW STORMWATER**

Application No. PA0276308
 APS ID 1135178
 Authorization ID 1523243

Applicant and Facility Information

Applicant Name	<u>Amazon Com Service LLC</u>	Facility Name	<u>Amazon Com Services LLC Dae1</u>
Applicant Address	<u>P O Box 80842 Attn: Na Environmental Department</u> <u>Seattle, WA 98108-0842</u>	Facility Address	<u>2595 Brodhead Road</u> <u>Bethlehem, PA 18020</u>
Applicant Contact	<u>Belinda Mcdowell</u>	Facility Contact	<u>Belinda Mcdowell</u>
Applicant Phone	<u>(800) 575-0171</u>	Facility Phone	<u>(800) 757-0171</u>
Client ID	<u>347742</u>	Site ID	<u>840937</u>
SIC Code	<u>4225</u>	Municipality	<u>Bethlehem Township</u>
SIC Description	<u>Trans. & Utilities - General Warehousing And Storage</u>	County	<u>Northampton</u>
Date Application Received	<u>April 9, 2025</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>April 17, 2025</u>	If No, Reason	<u></u>
Purpose of Application	<u>Renewal of existing NPDES permit to discharge industrial stormwater.</u>		

Summary of Review

The applicant is requesting to renew an existing NPDES permit to discharge industrial stormwater to Monocacy Creek, a High Quality Fishes – Cold Water Fishes, Migratory Fishes (HQ-CWF, MF) receiving stream in PA Water Plan Basin 2-C (Lower Lehigh River). 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. This discharge is not expected to affect public water intakes.

The receiving stream has two impairments: Agricultural – Habitat Alteration, Siltation and Source Unknown – Pathogens. This discharge is not expected to add to these impairments.

The facility is a 353,707ft² warehousing unit that houses general merchandise and storage. Industrial activities that take place on site are trucking, vehicle loading and unloading, vehicle washing, and fueling.

The facility’s primary SIC code is 4225 (Motor Freight Transportation and Warehousing) and falls under Appendix L (Land Transportation and Petroleum Stations and Terminals) of the PAG03 General Permit. Appendix L of the latest PAG03 General Permit includes mandatory semi-annual monitoring requirements for Total Nitrogen (mg/L), Total Phosphorus (mg/L), Total Suspended Solids (mg/L), and Oil and Grease (mg/L). Total Nitrogen is the sum of Total Kjeldahl-N (TKN) plus Nitrite-Nitrate as N (NO₂+NO₃-N), where TKN and NO₂+NO₃-N are measured in the same sample.

This General Permit does not cover the following discharges in this sector and an individual NPDES permit is required for such discharges: discharges of vehicle/equipment/surface wash water, including tank cleaning operations. Such discharges must be authorized under a separate NPDES permit, discharged to a sanitary sewer in accordance with applicable industrial pretreatment requirements, or recycled on-site. This facility conducts vehicle washing on-site and uses a Mobile Washing Drive Thru Method in which water used in the washing process never touches runoff areas.

Approve	Deny	Signatures	Date
X		 William Hon / Environmental Engineer Specialist	January 15, 2026
X		 Edward Dudick, P.E. / Environmental Engineer Manager	January 16, 2026

Summary of Review

Benchmark values exist for Total Suspended Solids (100mg/L) AND Oil & Grease (30mg/L). The benchmark value listed is not an effluent limitation, and exceedances do not constitute permit violations. However, if the permittee's sampling demonstrates exceedances of benchmark value for two or more consecutive monitoring periods, the permittee shall take action in accordance with Part C III.F of this Permit.

The facility has three stormwater outfalls: Outfall 001, 002, and 003. All stormwater runs from the west side of the property to the east side. Outfall 001 is located to the north by the vehicle loading and unloading areas. Outfalls 002 and 003 are located to the southeast and receive runoff from parking areas. All outfalls discharge to the industrial park stormwater management system and leads to the receiving stream. All storm drains around the facility are equipped with mesh drain inserts to prevent debris from entering the stormwater drainage system.

Outfall No.	Area Drained (ft ²)	Latitude	Longitude	Description
001	48,677	40'40'53"	-75'21'24	Vehicle & equip. storage, shipping dock, municipal solid waste and cardboard dumpsters
002	120,178	40'40'49"	-75'21'24	Vehicle & equipment storage, shipping dock
003	131,564	40'40'48"	-75'21'23	Vehicle & equip. storage, vehicle fueling, municipal solid waste and cardboard dumpsters

The PPC plan was submitted with the application and was updated and in effect as of 10/9/2024.

The most recent inspection performed at the facility was a Routine/Partial Inspection that occurred on 6/21/2024 and resulted in one NOV: 92A.44 - NPDES - Violation of effluent limits in Part A of permit. There was also a File Review that was conducted on 2/14/2025 that resulted in two NOVs: 92A.44 NPDES - Violation of effluent limits in Part A of permit and 92A.75(A) - NPDES - Failure to submit NPDES renewal application at least 180 days prior to expiration or later approved date. The permit was administratively extended on 4/17/2025. All open violations have been resolved according to the open violations water management program.

Recommend Approval.

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.

