

Application Type New
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0276308
APS ID 1008972
Authorization ID 1301041

Applicant and Facility Information

Applicant Name	<u>Amazon.com Services, LLC</u>	Facility Name	<u>Amazon.com Services, LLC DAE1</u>
Applicant Address	<u>P.O. Box 80842</u> <u>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>Kevin Winston</u>	Facility Contact	<u>Eric Chapman</u>
Applicant Phone	<u>(925) 577-5326</u>	Facility Phone	<u>(206) 413-4526</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>January 6, 2020</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>January 6, 2020</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>New NPDES permit to discharge industrial stormwater.</u>		

Summary of Review

The applicant is requesting a new NPDES individual permit to discharge stormwater associated with industrial activity to Monocacy Creek, a HQ-CWF/MF receiving stream in state water plan basin 02-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.

The facility is primarily categorized by SIC code 4225 (Trans. & Utilities – General Warehousing and Storage) and falls under Appendix L monitoring requirements of the PAG-03 general permit. Appendix L pollutants of concern include: TSS, Oil & Grease. Appendix L includes benchmark values for TSS and Oil & Grease, which are values all industries classified under Appendix L should be under. The benchmark values (100 mg/L for TSS and 30 mg/L for Oil & Grease) are included as IMAX BPJ limitations and are to be sampled semi-annually.

Site stormwater discharges to an off-site detention basin on an adjacent lot within the industrial area of Bethlehem Township.

The Monocacy Creek basin was designated as HQ-CWF in 1979 rulemaking. The MF designation was added along with the 2009 triennial review. The existing facility was constructed around 1999 and occupied by an unpermitted discharger. Since the facility was constructed after the HQ designation of the receiving stream and the facility was never permitted for stormwater discharges in the past, the discharge is subject to an antidegradation analysis.

None of the pollutant concentrations (analyzed as part of the permit application) exceed the limits included in the draft permit. The facility SOPs include a comprehensive list of BMPs that are in place to help ensure stormwater does not come into contact with potential pollutants. There are no non-discharge alternatives considered feasible because they are either cost prohibitive, technically infeasible, or environmentally unsound. In conclusion, discharges from the facility are not expected to degrade the watershed.

Approve	Deny	Signatures	Date
X		/s/ Brian Burden, E.I.T. / Project Manager	February 10, 2020
X		/s/ Amy M. Bellanca, P.E. / Environmental Engineer Manager	February 10, 2020

Summary of Review

The permit application indicates some site renovations are planned for the future. The permittee shall notify DEP of any site alterations or additions that could significantly change the nature or increase the quantity of pollutants discharged, including:

- New impervious surfaces.
- New bulk chemicals or solid wastes that are exposed to precipitation or stormwater runoff.
- An alteration to the site that would allow stormwater from off-site to flow onto the site.

Part C permit conditions require semiannual site inspections as well as implementation of BMPs and implementation of the facility PPC plan. There are no open violations for the client that would warrant withholding the issuance of this permit. EPA waiver is in effect.

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.

