



Application Type  
Facility Type  
Major / Minor

Renewal  
Stormwater  
Minor

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

Application No. **PA0276197**  
APS ID **1124570**  
Authorization ID **1504352**

**Applicant and Facility Information**

Applicant Name	<u>Lyondellbasell Advanced Polymers Inc.</u>	Facility Name	<u>Lyondellbasell Advanced Polymers</u>
Applicant Address	<u>6355 Farm Bureau Road</u>	Facility Address	<u>6355 Farm Bureau Road</u>
Applicant Contact	<u>Allentown, PA 18106-9253</u>	Facility Contact	<u>Allentown, PA 18106-9253</u>
Applicant Phone	<u>(610) 398-5900</u>	Facility Phone	<u>(610) 398-5900</u>
Client ID	<u>316762</u>	Site ID	<u>697666</u>
SIC Code	<u>3089</u>	Municipality	<u>Upper Macungie Township</u>
SIC Description	<u>Manufacturing - Plastics Products, NEC</u>	County	<u>Lehigh</u>
Date Application Received	<u>October 15, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>October 15, 2024</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>Renewal of NPDES permit.</u>		

**Summary of Review**

The applicant is requesting renewal of an NPDES permit for discharges of stormwater associated with industrial activities to an unnamed tributary to Iron Run, a high-quality cold water and migratory fish (HQ-CWF/MF) designated 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 that is more protective than its designated use. The previously issued permit identified an unnamed tributary to Cedar Creek as the receiving stream. This permit renewal application identifies Iron Run as the receiving stream and USGS StreamStats confirmed the drainage path to Iron Run.

This facility is categorized by SIC code 3089 (Plastics Products – Not Elsewhere Classified). The standard Appendix S monitoring requirements of the PAG-03 general permit will be required for this individual permit. Semiannual monitoring/reporting is required for pH, TSS, Total Zinc, Total Nitrogen and Total Phosphorus. Benchmark values are included in the permit for TSS (100 mg/L) and pH (9.0 S.U.). The benchmark values are not effluent limitations, and exceedances do not constitute permit violations. However, if the permittee's sampling demonstrates exceedances of benchmark values for two or more consecutive monitoring periods, the permittee shall act in accordance with Part C.III.G of the permit. Note: The 100 mg/L benchmark value for TSS replaces the 100 mg/L limitations included in the previously issued permit as per current guidance.

The permittee is required to submit an annual report to DEP by May 1<sup>st</sup> of each year. The following template condition is added to this renewal:

**BMPS TO ADDRESS AQUEOUS FILM FORMING FOAM (AFFF)**

*The permittee shall update their Preparedness, Prevention and Contingency (PPC) Plan within 1 year of permit issuance to include measures to reduce PFAS discharges due to the use of AFFF. The updates must include the following, at a minimum:*

Approve	Deny	Signatures	Date
X		 Brian Burden, E.I.T. / Project Manager	May 15, 2025
X		 Edward Dudick, P.E. / Environmental Engineer Manager	May 19, 2025

**Summary of Review**

- A. *Restricting the use of PFAS-containing AFFF to emergency situations and firefighting activities only.*
- B. *Eliminating the use PFOS and PFOA-containing AFFFs to the maximum extent practicable.*
- C. *Implementation measures to minimize discharges of PFAS during emergency activities, including diversions and other measures that prevent discharges via storm sewer systems.*

**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.

