

Application Type New  
Facility Type Stormwater  
Major / Minor Minor

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

Application No. PA0276448  
APS ID 1047570  
Authorization ID 1369194

**Applicant and Facility Information**

Applicant Name	<u>Cardinal LG Company</u>	Facility Name	<u>Cardinal LG Company</u>
Applicant Address	<u>42 Archbald Heights Road</u> <u>Jessup, PA 18434-1156</u>	Facility Address	<u>42 Archbald Heights Road</u> <u>Jessup, PA 18434-1156</u>
Applicant Contact	<u>Paul Holmes, Safety Manager</u>	Facility Contact	<u>Paul Holmes, Safety Manager</u>
Applicant Phone	<u>(570) 489-6421</u>	Facility Phone	<u>(570) 489-6421</u>
Client ID	<u>350729</u>	Site ID	<u>841250</u>
SIC Code	<u>3231</u>	Municipality	<u>Archbald Borough</u>
SIC Description	<u>Manufacturing - Products Of Purchased Glass</u>	County	<u>Lackawanna</u>
Date Application Received	<u>September 13, 2021</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>September 23, 2021</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>New NPDES permit for discharge of industrial stormwater.</u>		

**Summary of Review**

The applicant is requesting a new NPDES permit to discharge stormwater associated with industrial activity to an Unnamed Tributary to Grassy Island Creek, a HQ-CWF, MF (High Quality-Cold Water Fishes, Migratory Fishes) designated receiving stream in state water plan basin 5-A (Lackawanna River). As per the Department's current existing use list, the receiving stream segment does not have an existing use classification that is more protective than its designated use. The

Cardinal LG is a manufacturing facility that produces laminated glass. The site is 34 acres and Outfall 001 is located at the west side of the facility in a culvert used to drain the retention pond. Industrial activity outside of the facility consists of loading and unloading operations, rack storage, and closed dumpsters. There are multiple storm drains located around the facility to collect stormwater. All stormwater exposed to industrial activity drains to a retention pond.

The facility is categorized by SIC code 3231 (Manufacturing – Products of purchased glass) and falls under Appendix N monitoring requirements of the PAG-03 General Permit. Semi-annual monitoring and reporting for pH, Total Suspended Solids (TSS), Total Aluminum, and Total Iron, are required under the PAG-03. Semi-annual monitoring and reporting for Oil & Grease has also been added to this permit because the PPC Plan submitted with the application lists Oil & Grease as a pollutant of concern.

Benchmark values exist for pH and TSS. A benchmark value is the concentration of a pollutant in stormwater discharges that serves as a threshold for the determination of whether existing site BMPs are effective in controlling stormwater pollution. The benchmark values can be found in Part C. V. F. of the permit. A corrective action plan must be submitted to DEP if the discharge concentration for the parameters exceed the benchmark values for two or more consecutive monitoring periods.

An Anti-Degradation Module was completed and submitted as part of this permit application. The non-discharge alternatives proposed in the Module are considered infeasible because they are cost prohibitive, technically infeasible, or environmentally unsound. This facility had an existing stormwater drainage system prior to Cardinal LG occupancy at the site.

Approve	Deny	Signatures	Date
X		/s/ Allison Seyfried / Environmental Engineering Specialist	November 30, 2021
X		/s/ Amy M. Bellanca, P.E. / Environmental Engineer Manager	12-27-21

### Summary of Review

PPC Plan implementation and completion of an annual inspection and compliance evaluation are required under the permit.

A review of the PPC plan that was submitted to the Department with the permit application uncovered a few inconsistencies. For example, on page 23 the outfall is described as being “located on the east side of the facility” but on page 6 the outfall is described as being “west of the facility”. Also, page 3 states the facility is “required to comply with Appendix J of the General Permit”, but on page 23 it states that General Permit Appendix N applies.

There are currently no open violations for this client that warrant withholding issuance of the permit.

#### 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.

