

Application Type Renewal
Facility Type Stormwater
Major / Minor Minor

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

Application No. PA0065561
APS ID 843119
Authorization ID 1471858

Applicant and Facility Information

Applicant Name	<u>Acme Cryogenics Inc.</u>	Facility Name	<u>Acme Cryogenics</u>
Applicant Address	<u>2801 Mitchell Avenue</u> <u>Allentown, PA 18103-7111</u>	Facility Address	<u>2801 Mitchell Avenue</u> <u>Allentown, PA 18103-7111</u>
Applicant Contact	<u>Kelly Reitnauer, Plant Manager</u>	Facility Contact	<u>Kelly Reitnauer, Plant Manager</u>
Applicant Phone	<u>(610) 791-7909</u>	Facility Phone	<u>(610) 791-7909</u>
Client ID	<u>37140</u>	Site ID	<u>464607</u>
SIC Code	<u>3498</u>	Municipality	<u>Allentown City</u>
SIC Description	<u>Manufacturing - Fabricated Pipe and Fittings</u>	County	<u>Lehigh</u>
Date Application Received	<u>February 2, 2024</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>March 22, 2024</u>	If No, Reason	<u>-</u>
Purpose of Application	<u>Renewal of NPDES Permit for discharge of industrial stormwater</u>		

Summary of Review

The applicant is requesting renewal of an existing NPDES permit to discharge stormwater associated with industrial activity to an Unnamed Tributary to Little Lehigh Creek, a HQ-CWF, MF (High Quality-Cold Water Fishes, Migratory Fish) designated receiving stream in state water plan basin 2-C (Lower Lehigh 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 previous permit and the permit renewal application list the receiving waters as an Unnamed Tributary to Trout Creek (HQ-CWF, MF). The Unnamed Tributary to Trout Creek is approximately one mile from the site if stormwater followed a direct path; however, the stormwater would also have to travel over or under a major highway system. The Unnamed Tributary to Little Lehigh Creek is approximately 0.7 miles away from the facility. The topography around the site seems relatively flat and the renewal application indicates that stormwater from the site does not discharge to a storm sewer system. Both streams are impaired for pathogens from an unknown source. The limitations or type of permit required for this facility does not change due to the change in receiving waters.

The facility manufactures gas handling equipment that is fabricated from copper, brass, and stainless steel. Finished products are stored outside and any waste that is stored outside is under cover. The site consists of a building, paved driveways/parking lots, grass areas, and a paved work yard. Outfall 001 is located on the northwest corner of the facility. No non-stormwater discharges are anticipated during the 5 years following coverage or approval.

The facility is categorized by SIC code 3498 (Manufacturing - Fabricated Pipe and Fittings) and falls under Appendix U monitoring requirements of the PAG-03 General Permit. The Department renewed the NPDES General Permit for Stormwater Discharges Associated with Industrial Activity (PAG-03) and it became effective on March 24, 2023. Therefore, the new monitoring requirements for Appendix U will be utilized in this permit renewal. Semi-annual monitoring and reporting

Approve	Deny	Signatures	Date
X		/s/ Allison S. Zukosky / Project Manager	November 18, 2024
X		/s/ Amy M. Bellanca, P.E. / Program Manager	11-22-24

Summary of Review

for Total Nitrogen, Total Phosphorous, pH, Total Suspended Solids (TSS), Oil & Grease, Nitrate + Nitrite-Nitrogen, Total Aluminum, Total Iron, and Total Zinc are required under this permit.

Benchmark values exist for pH, TSS, Oil & Grease, and Nitrate + Nitrite-Nitrogen. 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. III. 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.

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

The existing permit expired on July 31, 2024 and the application for renewal was received on time.

A Water Management System Inspection query indicated that on October 21, 2024 a Routine/Partial Inspection was performed.

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.

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