



Northeast Regional Office
CLEAN WATER PROGRAM

Application Type New
 Facility Type Storm Water
 Major / Minor Minor

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

Application No. PA0276782
 APS ID 1096359
 Authorization ID 1453969

Applicant and Facility Information

Applicant Name	<u>Gardner Cryogenics A Division of Air Products & Chemicals, Inc.</u>	Facility Name	<u>Gardner Cryogenics Fogelsville</u>
Applicant Address	<u>7331 William Avenue Allentown, PA 18106-9312</u>	Facility Address	<u>7331 William Avenue Allentown, PA 18106-9312</u>
Applicant Contact	<u>Edward Zanders</u>	Facility Contact	<u>Justin Wendel</u>
Applicant Phone	<u>(610) 266-3739</u>	Facility Phone	<u>(610) 266-3747</u>
Client ID	<u>371117</u>	Site ID	<u>867028</u>
SIC Code	<u>3443</u>	Municipality	<u>Upper Macungie Township</u>
SIC Description	<u>Manufacturing - Fabricated Plate Work (Boiler Shops)</u>	County	<u>Lehigh</u>
Date Application Received	<u>August 30, 2023</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>September 09, 2023</u>	If No, Reason	<u></u>
Purpose of Application	<u>New individual Stormwater Permit</u>		

Summary of Review

The applicant is requesting a ~~n~~New NPDES individual stormwater permit to discharge stormwater into UNT to Iron ~~Run~~Creek, a High Quality-Cold Water Fishes, Migratory Fish (~~-The receiving stream is HQ-CWF/MF~~) in state water plan basin 2-C-~~4~~A. As per the ~~D~~Department's current existing list, the receiving stream does not have an existing use classification that is more protective than its designated use.

~~The~~ UNT to Iron ~~Run~~creek is impaired for urban runoff and siltation. The stormwater quality information and sampling submitted by the permittee is showing ~~low values for TSS as well as Metals. Stormwater~~the discharge from this facility is not likely to contribute to the impairment.

Industrial activities on site include fabrication of subassemblies for supporting tank manufacturing, facility also does minor welding; all activities are completed under roof and nothing is exposed to stormwater.

The facility is primary categorized by SIC code 3443 (Fabricated Metals products) which fall under ~~A~~appendix U monitoring and reporting requirements of the PAG03 general permit. ~~Appendix U pollutants~~Semi-annual monitoring / reporting is included for of concern include pH, ~~Total Suspended Solids (TSS)~~, Total Nitrogen, Total Phosphorus, Oil & Grease, Total Aluminum, Total Iron and Nitrate+ Nitrite-Nitrogen. ~~pH limits of (6.0 - 9.0 SU) are included in this permit term as per 25 PA Code 95.2~~

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Approve	Deny	Signatures	Date
X		Hakim Yesli (signed) Hakim Yesli / Environmental Engineering Specialist	January 08, 2023
		Amy M. Bellanca, P.E. / Program Manager	

Summary of Review

This facility is discharging ~~through to UNT to Iron Creek thru Outfalls 001 and Outfall 002; according to site location plan (see attached) submitted, the Outfall 002 discharge to outfall 001 and 002 to the Upper Macungie's MS4 system to the UNT to Iron Run. Applicant considers Outfall 001 to be a representative Outfall. Stormwater is directed to Upper Macungie MS4 System before it discharges to UNT of Iron Creek.~~

A Copy of this permit application was sent to Upper Macungie Township.

All Industrial activities with minor welding are happening under roofs; permittee maintain a no exposure conditions at the site.

Anti-degradation:

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.

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

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

~~Applicant presented a non-discharge alternative and because this is an existing discharge for several years, alternative project siting is not feasible.~~

~~There are no non-discharge alternatives considered feasible because they are either cost prohibitive, technically infeasible, or environmentally unsound.~~

~~Applicant supplied PPC plan including all BMPs required to this industry specific, plus all leaks and spill preventions responses; permittee is reminded to update the PPC Plan annually as necessary.~~

~~WMS query by "client report" was run and no violations exist for this client.~~



site Plan.pdf

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.

**NPDES Permit Fact Sheet
Gardner Cryogenics Fogelsville**

NPDES Permit No. PA0276782