



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. PA0276774  
 APS ID 1096355  
 Authorization ID 1453964

**Applicant and Facility Information**

Applicant Name	<u>Rotoflow A Division of Air Products &amp; Chemicals, Inc.</u>	Facility Name	<u>Rotoflow Bethlehem</u>
Applicant Address	<u>2320 Highland Avenue Bethlehem, PA 18020-8920</u>	Facility Address	<u>2320 Highland Avenue Bethlehem, PA 18020-8920</u>
Applicant Contact	<u>Edward Zanders</u>	Facility Contact	<u>Patrick Calpin</u>
Applicant Phone	<u>(610) 266-3739</u>	Facility Phone	<u></u>
Client ID	<u>379684</u>	Site ID	<u>867026</u>
SIC Code	<u>3559</u>	Municipality	<u>Bethlehem Township</u>
SIC Description	<u>Manufacturing - Special Industry Machinery.</u>	County	<u>Northampton</u>
Date Application Received	<u>August 31, 2023</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u>September 18, 2023</u>	If No, Reason	<u></u>
Purpose of Application	<u>New Individual Stormwater Permit</u>		

**Summary of Review**

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

Industrial activities in the facility are include Engineering and manufacturing of expansion turbines. Truck maintenance is conducted indoors in a garage and wash water from washing activities will be collected and disposed offsite. This facility is primary categorized by SIC code 3559 (special Industry Machinery & equipment) and fall under Appendix U monitoring & reporting requirement of PAG03 general permit. Semiannual monitoring/ reporting are included for pH, Total Suspended Solids (TSS), Oil & Grease, Total Nitrogen, Total Phosphorus, Total Aluminum, Total Iron, Total Zinc and Nitrate+ Nitrite- Nitrogen.

The stormwater leaving the facility drainage is collected in retention basin located in south site of the facility. During high rainfall events any overflow from that basin goes to outfall 001 which direct the stormwater to Bethlehem Township Sstorm sewer system mm (MS4). (see attached site plan)

A copy of this permit application was sent to Bethlehem Township which own the MS4 system.

**Anti-Degradation:**

An Anti- Degradation Module was completed and submitted as part of this permit application. The non- discharges alternatives proposed in this Module were considered infeasible because they are cost prohibited, technically infeasible, or environmentally unsound.

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Approve	Deny	Signatures	Date
X		Hakim Yesli (signed) Hakim Yesli / Environmental Engineering Specialist	January 9, 2024
<u>X</u>		<u>Amy M. Bellanca (signed)</u> Amy M. Bellanca, P.E. / <u>Program Acting Engineer</u> Manager	<u>1-30-24</u>

**Summary of Review**

SPPC Plan was submitted with this permit application, this plan was updated in June 24 ,2022.

Applicant is reminded that this Plan is requirement under the permit and updated must be made as necessary.  
Facility inspection with stormwater report are required annually.

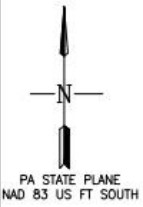
[Currently there are open violations for this client.](#)

Summary of Review

Currently there are open violations for this client:

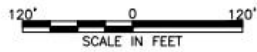


NOTE: BASE MAP FROM GOOGLE EARTH 2023.



LEGEND

- - - PROPERTY BOUNDARY
- ← STORMWATER FLOW DIRECTION



<b>ROTOFLOW</b> A DIVISION OF AIR PRODUCTS AND CHEMICALS, INC. 2320 HIGHLAND AVENUE, BETHLEHEM, PA 18020																	
FACILITY LAYOUT DIAGRAM																	
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**Summary of Review**

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  
Rotoflow Bethlehem**

**NPDES Permit No. PA0276774**

