

Application Type Renewal
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0245178
APS ID 1134263
Authorization ID 1521633

Applicant and Facility Information

Applicant Name	<u>GXO Supply Chain Logistics Inc.</u>	Facility Name	<u>GXO Logistics Quakertown Facility</u>
Applicant Address	<u>3000 AM Drive, Suite 200</u> <u>Quakertown, PA 18951-3812</u>	Facility Address	<u>3000 AM Drive, Suite 200</u> <u>Quakertown, PA 18951-3812</u>
Applicant Contact	<u>Ken Williams</u>	Facility Contact	<u>Ken Williams</u>
Applicant Phone	<u>(267) 272-3677</u>	Facility Phone	<u>(267) 272-3677</u>
Client ID	<u>373160</u>	Site ID	<u>837988</u>
SIC Code	<u>4225</u>	Municipality	<u>Milford Township</u>
SIC Description	<u>Trans. & Utilities - General Warehousing And Storage</u>	County	<u>Bucks</u>
Date Application Received	<u>April 1, 2025</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Permit Renewal</u>		

Summary of Review

Applicant requests renewal of an NPDES permit to discharge stormwater from GXO Logistics Quakertown Facility to Molasses Creek which is designated as High-Quality stream via onsite stormwater pond. Ultimately the discharge is into Unami Creek, that is also a High-Quality stream.

This facility is approximately 628,475 sq. feet. The business conducted at this site consists of the warehousing of retail materials such as clothes, shoes and bags. In addition to the storage of these products, electric forklifts are utilized to transport the product within the warehouse. All activities are conducted under roof preventing the pollution of any storm drains in the area.

The site topography is mostly flat. Storm flow is generally east to west. All roof drains and collected site stormwater is conveyed to a retention pond located on the south side of the site. The pond is partitioned by a rock gabion wall intended to filter suspended solids. The pond discharges to the Molasses Creek to the southwest.

A general house cleaning program is in place.

The existing permit lists Unami Creek as the receiving stream which is revised to Molasses Creek in the draft permit.

DEP inspection was conducted on 12/03/2024 and report mentioned that the facility failed to collect stormwater samples from the second half of 2021 through the first half of 2022 reporting periods. The condition is a violation of the NPDES Permit and Section 402 (b) of the Clean Streams Law. No other violations were noted.

No comments received from Operations Section.

Review of the submitted sampling results shows no concern.

Approve	Deny	Signatures	Date
X		<i>Sara Abraham</i> Sara Reji Abraham, E.I.T. / Project Manager	August 26, 2025
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	08/27/2025

Summary of Review

The SIC Code for the facility is 4225 for General Warehousing and Storage facilities. This SIC Code corresponds to Appendix L under General Permit for Discharges of Stormwater Associated with Industrial Activity (PAG-03). Therefore, this facility is subjected to sector-specific Best Management Practices (BMPs) and monitoring requirements of Appendix L, under PAG-03.

The following existing effluent limits are continued in the draft permit:

Parameter	Effluent Limits (mg/l)	Basis
Total Suspended Solids (TSS)	100	Appendix L of PAG-03
Oil and Grease	15.0	Appendix L of PAG-03

Total Nitrogen and Total Phosphorus monitoring is also included in the draft permit based on the PAG03, Appendix L.

The facility could have been qualified for No Exposure Certification easily if it was not located in a HQ water shed. Monitoring frequency is changed to annually in the draft permit. This is similar to the requirements of other stormwater dischargers in the watershed.

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.

Act 14 Notification:

Milford Township - April 2, 2025
Bucks County - April 2, 2025

Permit Conditions:

- I. Stormwater Outfalls
- II. Best Management Practices
- III. Stormwater Monitoring
- IV. Routine Inspections
- V. PPC Plan
- VI. Other Requirements
 - A. Acquire Necessary Property Rights
 - B. Proper Sludge Disposal

Discharge, Receiving Waters and Water Supply Information

Outfall No.	<u>001</u>	Design Flow (MGD)	<u>0</u>
Latitude	<u>40° 26' 15.09"</u>	Longitude	<u>-75° 25' 40.22"</u>
Quad Name	<u></u>	Quad Code	<u></u>
Wastewater Description:	<u>Stormwater</u>		
Receiving Waters	<u>Molasses Creek (HQ-TSF, MF)</u>	Stream Code	<u>01394</u>
NHD Com ID	<u>25981728</u>	RMI	<u>1.7700</u>
Watershed No.	<u>3-E</u>	Chapter 93 Class.	<u>HQ-TSF, MF</u>
Assessment Status	<u>Attaining Use(s)</u>		

Compliance History

DMR Data for Outfall 001 (from July 1, 2024 to June 30, 2025)

Parameter	JUN-25	MAY-25	APR-25	MAR-25	FEB-25	JAN-25	DEC-24	NOV-24	OCT-24	SEP-24	AUG-24	JUL-24
TSS (mg/L) Semi-Annual Average	5.0						5.0					
TSS (mg/L) Daily Maximum	5.0						5.0					
Oil and Grease (mg/L) Semi-Annual Average	5.0						3.9					
Oil and Grease (mg/L) Daily Maximum	5.0						3.9					

Compliance History

None

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (386-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)				Minimum ⁽²⁾ Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Semi-Annual Average	Daily Maximum	Instant. Maximum		
TSS	XXX	XXX	XXX	XXX	100.0	XXX	1/year	Grab
Oil and Grease	XXX	XXX	XXX	XXX	15.0	XXX	1/year	Grab
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/year	Calculation
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/year	Grab