

Application Type New
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0245178
APS ID 1010945
Authorization ID 1304836

Applicant and Facility Information

Applicant Name	<u>XPO Logistics Supply Chain Inc.</u>	Facility Name	<u>XPO Logistics Quakertown Facility</u>
Applicant Address	<u>3000 Am Drive Suite 200</u> <u>Quakertown, PA 18951</u>	Facility Address	<u>3000 Am Drive Suite 200</u> <u>Quakertown, PA 18951</u>
Applicant Contact	<u>Louis Mele</u>	Facility Contact	<u>Louis Mele</u>
Applicant Phone	<u>(267) 374-0457</u>	Facility Phone	<u>(215) 536-7114</u>
Client ID	<u>351610</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>January 22, 2020</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>Discharge stormwater from the facility to pond then ito Molasses Creek and then to Unami Creek.</u>		

Summary of Review

Applicant has submitted NPDES application to discharge stormwater from the XPO Logistics Quakertown Facility into Molasses Creek through onsite stormwater pond. In June 2019, XPO Logistics submitted application for No Exposure Certificate (NEC) for this facility. Our Operation Section conducted site inspection to verify the eligibility of the facility for coverage under No exposure Certificate. It was determined that the facility does not qualify for NEC as the stormwater from the facility discharges to High Quality (HQ) stream. Stormwater from the facility discharges to a stormwater pond, then to Molasses Creek, and ultimately to Unami Creek which is designated as High-Quality stream. That is why the XPO Logistics has submitted Individual NPDE Permit application for Industrial Stormwater discharge.

XPO Logistics Quakertown Facility operates warehouse of home furnishing supplies located at 3000 AM Drive in Quakertown. The facility is a 20-acre warehouse site that ships and repackages shipments of furniture for IKEA. All operations take place inside the building. There is no outside storage of materials or storage tanks. The stormwater from roof drains and the site is collected in retention pond located on south side of the facility. The pond discharges to Molasses Creek and then to Unami Creek.

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 Facility uses SNOUT stormwater improvement system as BMP located prior to discharge.

Approve	Deny	Signatures	Date
X		Ketan Thaker / Project Manager <i>Ketan Thaker</i>	May 22, 2020
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	05/22/2020

Summary of Review

Following are the effluent limits:

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

The NPDES permit may be modified in future to include additional parameters and effluent limits based on more sampling data.

Act-14 notice to Milford Township and Bucks County Commissioners Office on January 3, 2020.

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.

Discharge, Receiving Waters and Water Supply Information

Outfall No. 001 Design Flow (MGD) 0

Latitude 40° 26' 15.09" Longitude -75° 25' 40.22"

Quad Name _____ Quad Code _____

Wastewater Description: Stormwater

Receiving Waters Unami Creek (HQ-TSF, MF) Stream Code _____

NHD Com ID 25981728 RMI 1.7700

Drainage Area _____ Yield (cfs/mi²) _____

Q₇₋₁₀ Flow (cfs) _____ Q₇₋₁₀ Basis _____

Elevation (ft) _____ Slope (ft/ft) _____

Watershed No. 3-E Chapter 93 Class. HQ-TSF, MF

Existing Use _____ Existing Use Qualifier _____

Exceptions to Use _____ Exceptions to Criteria _____

Assessment Status Attaining Use(s)

Cause(s) of Impairment _____

Source(s) of Impairment _____

TMDL Status _____ Name _____

Background/Ambient Data _____ Data Source _____

pH (SU) _____

Temperature (°F) _____

Hardness (mg/L) _____

Other: _____

Nearest Downstream Public Water Supply Intake _____

PWS Waters _____ Flow at Intake (cfs) _____

PWS RMI _____ Distance from Outfall (mi) _____

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” (362-0400-001), 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	100.0	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	15.0	XXX	Report	1/6 months	Grab