

Application Type New
Facility Type Storm Water
Major / Minor Minor

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

Application No. PA0245330
APS ID 1050944
Authorization ID 1374963

Applicant and Facility Information

Applicant Name	<u>United States Cold Storage, LLC</u>	Facility Name	<u>United States Cold Storage Quakertown West Facility</u>
Applicant Address	<u>4000 AM Drive Quakertown, PA 18951-2197</u>	Facility Address	<u>4000 AM Drive Quakertown, PA 18951</u>
Applicant Contact	<u>Jerry Howatt</u>	Facility Contact	<u>Jerry Howatt</u>
Applicant Phone	<u>(267) 875-6111</u>	Facility Phone	<u>(267) 875-6111</u>
Client ID	<u>366568</u>	Site ID	<u>852994</u>
SIC Code	<u>4222</u>	Municipality	<u>Milford Township</u>
SIC Description	<u>Trans. & Utilities - Refrigerated Warehousing And Storage</u>	County	<u>Bucks</u>
Date Application Received	<u>October 29, 2021</u>	EPA Waived?	<u>Yes</u>
Date Application Accepted	<u></u>	If No, Reason	<u></u>
Purpose of Application	<u>NPDES permit for discharge of stormwater from the facility into Molasses Creek.</u>		

Summary of Review

Applicant has submitted NPDES application to discharge stormwater from the US Cold Storage Quakertown West Facility into Molasses Creek through onsite stormwater pond. Stormwater from the facility discharges to on-site stormwater pond, then to Molasses Creek which is designated as High-Quality stream. That is why the US Cold Storage, LLC has submitted Individual NPDE Permit application for Industrial Stormwater discharge.

US Cold Storage Quakertown West Facility is Refrigerated Warehousing and Storage Facility located at 4000 AM Drive in Quakertown. All operations take place inside the building. The facility stores chemical equipment including refrigeration systems and lead-acid batteries indoors. There is no outside storage of materials or storage tanks. The stormwater from roof drains and pave surfaces of 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 4222 for Refrigerated 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 BMPs will be continually implemented to reduce likelihood of spills, contamination, and sediment discharge into the receiving stream. Outfall is regularly inspected for proper function and debris is cleared as necessary.

Approve	Deny	Signatures	Date
X		<i>Ketan Thaker</i> Ketan Thaker / Project Manager	February 3, 2022
X		<i>Pravin Patel</i> Pravin C. Patel, P.E. / Environmental Engineer Manager	02/03/2022

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 September 16, 2021.

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.	<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>1394</u>
NHD Com ID	<u>25981728</u>	RMI	<u>1.7700</u>
Drainage Area	<u></u>	Yield (cfs/mi ²)	<u></u>
Q ₇₋₁₀ Flow (cfs)	<u></u>	Q ₇₋₁₀ Basis	<u></u>
Elevation (ft)	<u></u>	Slope (ft/ft)	<u></u>
Watershed No.	<u></u>	Chapter 93 Class.	<u>HQ-TSF, MF</u>
Existing Use	<u></u>	Existing Use Qualifier	<u></u>
Exceptions to Use	<u></u>	Exceptions to Criteria	<u></u>
Assessment Status	<u>Attaining Use(s)</u>		
Cause(s) of Impairment	<u></u>		
Source(s) of Impairment	<u></u>		
TMDL Status	<u></u>	Name	<u></u>

Background/Ambient Data	Data Source
pH (SU)	<u></u>
Temperature (°F)	<u></u>
Hardness (mg/L)	<u></u>
Other:	<u></u>

Nearest Downstream Public Water Supply Intake	
PWS Waters	<u></u> Flow at Intake (cfs) <u></u>
PWS RMI	<u></u> Distance from Outfall (mi) <u></u>

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					
	Mass Units (lbs/day) ⁽¹⁾		Concentrations (mg/L)			
	Average Monthly	Average Weekly	Minimum	Semi-Annual Average	Daily Maximum	Instant. Maximum
TSS	XXX	XXX	XXX	100.0	Report	XXX
Oil and Grease	XXX	XXX	XXX	15.0	Report	XXX