



SUSQUEHANNA RIVER BASIN COMMISSION

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Surface Water Withdrawal Application - Renewal Summary

This summary is only a portion of the application materials and is meant to provide general information about the proposed project.

Source Name: Lackawanna Renewal 2018

SRBC Pending No.: 2018-104

1. Project Sponsor:

Company Name: Linde Corporation
Address: 120 Enterprise Drive

City: Carbondale **State:** PA **Zip:** 18407
Contact Person: Tonya Franklin **Title:** Administrator
Telephone: 570-282-1490 **Fax:**
Mobile: **E-mail:** tfranklin@lindeco.com

Facility Location:

State: PA
County: Lackawanna
Municipality: Fell Township
Subbasin: Middle Susquehanna
Date operations will begin: 12/16/2010
Date project sponsor began operation: 12/16/2010

4. Project Water Requirements:

Water Use:	Past	Existing	Projected
Average:	0.905 (mgd)	0.905 (mgd)	0.905 (mgd)
Maximum:	0.905 (mgd)	0.905 (mgd)	0.905 (mgd)
System Capacity:	0.905 (mgd)	0.905 (mgd)	0.905 (mgd)

5. Requested Use or Withdrawal:

Estimated Hours of Operation:	24
Maximum Instantaneous Withdrawal Rate: (gpm)	700
Peak 24-Hour Day: (mgd)	0.905
Maximum 30 Day Average: (mgd)	0.905

12. Environmental Resource Information:

Name of stream / river reach: Lackawanna River
Water Use Classification: HQ, CWF, MF
Waterbody Status Information:
Pennsylvania 303(d) or Priority Waterbody List Status: Mine drainage Impaired
Wild or Scenic:
Is the stream or river reach designated wild and / or scenic? No

13. Proposed Surface Water Withdrawal Source:

Source from which withdrawal is being requested:

Q7-10 Low Flow at point of taking (cfs): 13.289

Drainage Area (square miles): 62.4

Is this a public water supply? No

What is the percentage of the Requested Quantity of Withdrawal compared to the Q7-10 Low Flow?

Maximum 30 Day Average: 10.54

Maximum Day: 10.54

Existing Facility Information

This project is an existing water withdrawal located in Fell Township, Lackawanna County, PA. The waterway for the existing water withdrawal is the Lackawanna River (HQ-CWF-MF). The staging area is on the property of the Lackawanna County Railroad Authority and leased by Linde Corporation (Linde). The withdrawal site is on the property of Carbondale Industrial Development Authority and leased by Linde. The Lackawanna River is designated as a HQ-CWF-MF under PA Code 25 Chapter 93. The existing withdrawal includes a custom buried intake, withdrawal pump, flowmeter, and staging area. The existing staging area includes 4 existing frac tanks with manifolds, allowing 4 trucks to fill at one time.

A surface water withdrawal of up to 905,000 gallons per day with a maximum instantaneous withdrawal rate of up to 700 gallons per minute from the Lackawanna River (HQ-CWF-MF) is approved under Docket No. 20150307.

No modifications are proposed at this time. The purpose of this application is a renewal of the surface water withdrawal docket.