



SUSQUEHANNA RIVER BASIN COMMISSION

4423 North Front Street • Harrisburg, Pennsylvania 17110-1788

Phone (717) 238-0423 • Fax (717) 238-2436

Web <http://www.srbc.net>

Groundwater Withdrawal Application Summary

Source Name: Well 5

SRBC Pending No.: 2020-017

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

1.1 Project Sponsor

Company Name: Hardinge, Inc.
Mailing Address Line 1: One Hardinge Drive
Mailing Address Line 2:
City: Elmira
State: NY
ZIP Code: 14903

Contact Person:

First Name: Travis
Last Name: Webster
Title: Plant Engineer
Telephone: 607-378-4411
Fax:
Mobile:
E-mail: Travis.Webster@hardinge.com

1.3 Existing and Projected Facility Water Use

The usage should be entered in million gallons per day (mgd) and rounded off to the nearest one thousand gallons (three decimal places).

Projected Design Year:
2035

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	1.08	0.58
Maximum Daily Water Demand :	1.08	0.58
System Capacity :	0.5	0.5

1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 18
Maximum Instantaneous Withdrawal Rate (gpm): 402.8
Maximum 24-Hour Day (mgd): 0.58
Maximum 30-Day Average (mgd): 0.58

2.2 Facility Location

Please enter the address of the parcel where the Project Facility is located.

Street Address: One Hardinge Drive

State: NY

County: Chemung

Municipality: Horseheads Town

Zip Code: 14903

Subbasin: Chemung

Project Facility Description

The project facility is owned by Hardinge, Inc. (Hardinge) and is located at One Hardinge Drive, Elmira, New York. FIGURE 2.1 is a topographic map showing the location of the project facility. Hardinge currently operates five groundwater supply wells with a combined Susquehanna River Basin Commission (SRBC) permitted system limit of 0.58 million gallons per day (mgd) from Well 5. Wells 1 through 4 are grandfathered through the SRBC and a final determination on the permitted system limit is pending. Hardinge, in agreement with the SRBC, is performing an aquifer test waiver to renew the permit for Well 5 at the above referenced location which is permitted for 0.58 mgd. Hardinge is not seeking an increase in permitted withdrawal from Well 5.

Well 5 was installed in 1989 by Moody and Associates, Inc. (Moody) as a water supply well for the facility.

The following includes details regarding Well 5:

1. The anticipated long-term owner of Well 5 is Hardinge.
2. Well 5 will continue to serve in the same capacity, as a groundwater supply to the facility.
3. Hardinge has a current water withdrawal limit of 0.58 mgd from Well 5.
4. Hardinge has a current water need of 1.08 mgd utilizing Well 5 and the four grandfathered wells.
5. Water from Well 5 will continue to be used as non-contact cooling water for the facility.
6. The return flow outfall is directly to Halderman Hollow Creek adjacent to the facility (SPDES Permit No. NY0228133).
7. FIGURE 1.2 presents a generalized construction and hydrogeologic well log of Well 5 based on information from the drilling of the well by Moody, where a lithologic log and well construction details were derived.

Driving direction to the project facility:

Susquehanna River Basin Commission

4423 North Front Street, Harrisburg, PA 17110

1. Get on US-22 W/US-322 W in Middle Paxton Township
3 min (2.0 mi)
2. Get on US-11 N/US-15 N in Reed
10 min (9.7 mi)

3. Get on I-180 W in Williamsport from US-11 N/US-15 N
1 h 19 min (68.4 mi)
4. Take US-15 N and I-86 E/NY-17 E to Fairport Ln in Horseheads. Exit from I-86 E/NY-17 E
1 h 23 min (92.5 mi)
5. Take Grand Central Ave to Oakwood Ave/Upper Oakwood Ave
3 min (1.2 mi)

Project Facility Address:

One Hardinge Drive, Elmira, NY 14903

