



# SUSQUEHANNA RIVER BASIN COMMISSION

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

## Groundwater Withdrawal Application Summary

**Source Name:** Hardinge- Well 4

**SRBC Pending No.:** 2022-094

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: Lori  
Last Name: Mauter  
Title: EHS Technician  
Telephone: 607-378-4479  
Fax:  
Mobile:  
**E-mail:** [lori.mauter@hardinge.com](mailto:lori.mauter@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:  
2037

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	1.662	1.662
Maximum Daily Water Demand :	1.662	1.662
System Capacity :	2.551	2.551

### 1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 24  
Maximum Instantaneous Withdrawal Rate (gpm): 381.9  
Maximum 24-Hour Day (mgd): 0.55  
Maximum 30-Day Average (mgd): 0.55

### 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

## 2.1 Project Facility Description

The project facility is owned by Hardinge, Inc. (Hardinge) and is located at One Hardinge Drive, Elmira, New York. The facility is located in a suburban development, primarily surrounded by a mixture of residential, commercial, and industrial properties that are reportedly serviced by public/municipal potable drinking water service. Hardinge currently operates five groundwater supply wells, identified as Wells 1 – 5, with a combined Susquehanna River Basin Commission (SRBC) permitted system limit of 2.551 million gallons per day (mgd) from all five wells, pending permit approvals. These supply wells are operated to provide non-contact cooling water to three cooling systems within the facility which are operated from May 15<sup>th</sup> through October 31<sup>st</sup>. While all five wells are operated on a regular basis, the system is configured such that a maximum of only three wells can pump simultaneously, resulting in a maximum daily withdrawal of approximately 1.662 mgd (specifically when Wells 1, 4, and 5 are pumping).

Wells 1 through 3 are pending grandfathering registrations through the SRBC, and Wells 4 and 5 are currently active through a documented Consent Order between Hardinge and the SRBC. A final determination on the permitted system limit is pending. Hardinge, in agreement with the SRBC per the executed Consent Order and the recently-approved Aquifer Test Plan Waiver (which was evaluated by SRBC in accordance with the newer Alternative Hydrogeologic Evaluation procedures), is submitting a Groundwater Withdrawal Application for Well 4 at the above-referenced location, which is currently permitted for 0.55 mgd. Hardinge is not seeking an increase in permitted withdrawal from Well 4.

Well 4 was installed in 1980 by Layne-New York Co., Inc. (Layne) as a water supply well as a non-contact coolant for the facility.

The following includes details regarding Well 4:

1. The anticipated long-term owner of Well 4 is Hardinge.
2. Well 4 will continue to serve in the same capacity, as a groundwater supply to the facility.
3. Hardinge has a current water withdrawal limit of 0.55 mgd from Well 4.
4. Hardinge has a current total water need of 2.551 mgd utilizing Well 4, the grandfathered wells (Wells 1-3), and the permit pending Well 5.
5. Water from Well 4 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).