



# SUSQUEHANNA RIVER BASIN COMMISSION

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## Groundwater Withdrawal Application Summary

**Source Name:** Horseheads Well 5

**SRBC Pending No.:** 2016-090

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: Village of Horseheads  
Mailing Address Line 1: 202 S. Main Street  
Mailing Address Line 2:  
City: Horseheads  
State: NY  
ZIP Code: 14845

#### Contact Person:

First Name: Chris  
Last Name: Lawrick  
Title: operator in charge  
Telephone: 607-739-5691  
Fax:  
Mobile:  
**E-mail:** [clawrick@horseheads.org](mailto:clawrick@horseheads.org)

### 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:  
1.44

Total Project Water Usage	Existing Usage (mgd)	Projected Usage For Design Year (mgd):
Maximum 30-day Average Water Demand :	3.54	3.54
Maximum Daily Water Demand :	3.54	3.54
System Capacity :	2.1	2.1

### 1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 24  
Maximum Instantaneous Withdrawal Rate (gpm): 1000  
Maximum 24-Hour Day (mgd): 1.44  
Maximum 30-Day Average (mgd): 1.44

### 2.2 Facility Location

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

Street Address: 198R Old Ithaca Road

State: NY

County: Chemung

Municipality: Horseheads Village

Zip Code: 14845

Subbasin: Chemung

### 1.3.3 Project Facility Description

The project facility is owned by the Village of Horseheads, New York (Village) and is located at 198R Old Ithaca Road, Horseheads, NY 14845. FIGURE 1.1 is a topographic map showing the location of the project facility. The Village currently operates four (4) groundwater supply wells with a combined Susquehanna River Basin Commission (SRBC) permitted system limit of 3.54 million gallons per day (mgd). The Village in agreement with the SRBC is performing an aquifer test plan and constant rate pumping test to renew the permit for water supply well 5 (Well 5) at the above referenced location which is permitted for 1.44 mgd.

Well 5 was installed in 1985 by Layne Well Drilling as a water supply well for the Village.

The following includes details regarding Well 5:

1. The anticipated long-term owner of Well 5 is the Village of Horseheads, Chemung County, New York.
2. Well 5 will continue to serve as a groundwater supply to the Village.
3. The Village has a current water withdrawal limit of 3.54 mgd.
4. The Village has a current water need of 3.54 mgd
5. The Village utilizes the following water storage facilities:

Name	Description	Location	Capacity
Dewey Hill	Welded Steel	Dewey Road	1,000,000 gallons
Oak Hill	Welded Steel	Oak Hill Road	2,000,000 gallons

6. Water from Well 5 will be used as a public water supply for the Village.
7. FIGURE 1.2 presents a generalized construction and hydrogeologic well log of Well 5 based on information from Layne Well & Pump Division's original well log.