



SUSQUEHANNA RIVER BASIN COMMISSION

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

Groundwater Withdrawal Application Summary

Source Name: Corning Sullivan Park Well #2

SRBC Pending No.: 2021-064

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: Corning Incorporated - Sullivan Park
Mailing Address Line 1: SP-AR-01
Mailing Address Line 2:
City: Corning
State: NY
ZIP Code: 14831

Contact Person:

First Name: Annette
Last Name: Grano
Title: Senior Environmental Engineer
Telephone: 607-974-2579
Fax:
Mobile: 607-329-2266
E-mail: granoam@corning.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 :	0.43	0.8
Maximum Daily Water Demand :	0.68	0.8
System Capacity :	1.05	1

1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 12
Maximum Instantaneous Withdrawal Rate (gpm): 730
Maximum 24-Hour Day (mgd): 0.8
Maximum 30-Day Average (mgd): 0.8

2.2 Facility Location

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

Street Address: Science Center Drive

State: NY

County: Steuben

Municipality: Erwin Town

Zip Code: 14870

Subbasin: Chemung

Section 2.1 Project Facility Description

- A. **Site/Facility Name:** Sullivan Park Science & Technology Center
- B. **Site Owner/Operator:** Corning Incorporated
- C. **Type of Facility:** Corning Incorporated's central research & development (R&D) facility. The Sullivan Park Science & Technology Center is the central location for Corning Incorporated's research and development efforts, which also includes a global network of smaller laboratories throughout Asia and Europe. It is also the company's primary location for early-stage research through product development efforts and houses several pilot plants to test production scale manufacturing and produce prototypes.
- D. **Purpose of the Withdrawal:** Water supplied to the Sullivan Park Science & Technology Center is used for a variety of purposes including process operations in the R&D facilities, potable and sanitary, and for heating and cooling purposes involving chiller and condenser units. The chiller units result in evaporative losses, and SRBC has approved up to 0.35 MGD of consumptive use; the 30-day average consumptive use is generally 0.15 MGD or less, and highest during the summer and early fall periods.
- E. **Description of Site Activities:** The Sullivan Park Science & Technology Center is the central location for Corning Incorporated's research and development efforts. It is also the company's primary location for early-stage research through product development efforts and houses several pilot plants to test production scale manufacturing and produce prototypes.
- F. **The requested quantity of water to be withdrawn:** Corning Incorporated is renewing their existing SRBC docket (19970705) for the withdrawal of up to 0.8 MGD and consumptive use of 0.35 MGD.
- G. **Date that Operations began at the facility:** Construction at the property began in 1964, and has expanded over the past 55 years to include over 2 million square feet of R&D operations on a 406-acre parcel.