



SUSQUEHANNA RIVER BASIN COMMISSION

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Groundwater Withdrawal Application Summary

Source Name: WD2 WELL 2-1

SRBC Pending No.: 2020-173

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: Town of Big Flats
Mailing Address Line 1: 476 Maple street
Mailing Address Line 2:
City: Big Flats
State: NY
ZIP Code: 14814

Contact Person:

First Name: Edward
Last Name: Fairbrother
Title: Town Superviosr
Telephone: 607-562-8443
Fax:
Mobile:
E-mail: efairbrother@bigflatsny.gov

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:
2036

| Total Project Water Usage | Existing Usage (mgd) | Projected Usage For Design Year (mgd): |
|---------------------------------------|----------------------|--|
| Maximum 30-day Average Water Demand : | 0.264 | 0.994 |
| Maximum Daily Water Demand : | 0.391 | 0.994 |
| System Capacity : | 0.72 | 0.994 |

1.4 Requested Withdrawal Amount:

Estimated Daily Hours of Operation per Day (Ex. = 5): 24
Maximum Instantaneous Withdrawal Rate (gpm): 500
Maximum 24-Hour Day (mgd): 0.72
Maximum 30-Day Average (mgd): 0.72

Projected Facility Description

Water District 2 Well 1 is located on Carpenter Road in the Town of Big Flats, NY. This is a ground water withdrawal well that is one of three wells that supply's nearly 7,000 people with municipal water. The Town is requesting an increased withdrawal rate because we are the fastest growing community in Chemung county. Our water system is a combined water system with the other two wells which are pumped simultaneously and if any one of the three wells needs to be taken offline for maintenance or repairs the other two will supply the system. This well was granted to pump .590 MGD on May 11, 1995 and our system uses .650 MGD this and the growing rate of our community is the reason for the increased withdrawal average.