



SUSQUEHANNA RIVER BASIN COMMISSION

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

Consumptive Use Application Summary

Source Name: Geneva Farm golf course

SRBC Pending No.: 2020-186

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

1.0 Application Background

This section requests pertinent information related to the application that is being submitted.

1.1 Project Sponsor

Company Name: Geneva Farm Golf Course, Inc.

Mailing Address Line 1: 217 Davis Road

Mailing Address Line 2:

City: Street

State: PA

ZIP Code: 21154

Contact Person:

First Name: James

Last Name: Walls, Jr.

Title: Superintendent

Telephone: (410) 452-8800

Fax:

Mobile: (410) 459-7429

E-mail: jwstang88@gmail.com

1.4 Requested Consumptive Use Quantity:

The consumptive use should be entered in million gallons per day (mgd) and rounded up to the nearest one thousand gallons (three decimal places). For multiple sources, provide the total quantity for existing and proposed consumptive use, as applicable.

1.4.1 Projected Design Year:

0.099

1.4.2 Existing Consumptive Use

0.045(mgd)

1.4.3 Projected Consumptive Use

0.099(mgd)

2.3 Facility Location

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

Street Address: 217 Davis Road
State: MD
County: Harford
Municipality: Bel Air District
Zip Code: 21154

Project Facility Description

- a. Site/Facility name
- b. Anticipated long-term owner and operator, if different
- c. Type of facility
- d. Briefly describe how water is or will be consumptively used at the facility and the purpose of the consumptive use
- e. The requested quantity(ies) of water and the source(s) of the consumptive use
- f. Description of site activities
- g. The requested quantity of the water to be consumptively used
- h. Provide the date operations began at the site or are anticipated to begin
- i. Other project specific details:
 - i. For new applications: Provide a summary of water conservation methods, design, or technology proposed or considered.
 - ii. For renewal applications: Provide a summary of any proposed changes, or otherwise indicate there are no proposed changes for the project renewal.
 - iii. For golf courses: Indicate the number of holes, number and area (acres) of ponds (ornamental and functional), and any other pertinent information that describes the golf course operation
 - iv. For mining projects: Briefly describe all water-related uses, such as dust suppression on roads, addition of water to product (e.g. aggregate) and approximate acreage of project area
 - v. For power generating facilities: Indicate the size (megawatts), fuel type, cooling method, and other water use processes (inlet cooling, etc.), as well as any consideration given to dry cooling

- a. Geneva Farm Golf Course
- b. Owner: Charles Bush
- c. Golf Course
- d. purpose of the consumptive water use: to water the greens
- e. consumptive use requested quantity: 99,999 gallons per day (April- November) source: 3 storage ponds
- f. site activities: mowing and golfing
- g. Requested quantity: 99,999 gallons per day (April-November)
- h. 07/1991
- i. Other project specific details:
 - i. Golf Course 21 holes, 7 ponds with a total 4.16 acres of ponds (1 ornamental and 6 functional). The project is set up for the ponds located throughout the 178 acres to collect almost all storm water run-off. All six functional ponds are piped to run into 18 pond if needed for irrigation. We use a geo-thermal heating and cooling system that is an open loop system, once the water is used in the units it then dispenses into the 18 pond recycling the water to then water the greens. When watering the greens (during warm season only) the water is pumped from our pond located at the 18th hole. The pond is approximately 2.5 acres at 12-14 feet deep. In the last few years the greens are the only area located on the course that we water. We've become fond of using wetting agents on the fairways and tees and also the greens to conserve the water we have. In turn, we have reduced our water usage totals by more than 100,000 gallons per day.