



SUSQUEHANNA RIVER BASIN COMMISSION

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Surface Water Withdrawal Application Little Muddy Creek & Consumptive Use Application Project Summary

SRBC Pending No.: 2019-014

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

Project Sponsor

Company Name: Golf Acres, Inc. DBS Chapel Hill Golf Course

Address: 2023 Old Lancaster Pike

City: Reading

Contact Person: Bradley Holloway

Telephone: (610) 781-5309

Mobile:

State: PA

Zip Code: 19608

Title: Vice President

Fax:

Email: BH1611@aol.com

Requested Surface Water Withdrawal Quantity

Projected Design Year: 2034

Existing Withdrawal Quantity: 0.18(mgd)

Requested Withdrawal Quantity: 0.18(mgd)

Maximum Instantaneous Withdrawal Rate: 800(gpm)

Estimated Daily Operation: 8(hours/day)

Requested Consumptive Use Quantity - Yes

Existing Consumptive Use: 0.162(mgd)

Requested Consumptive Use: 0.162(gpm)

Pre-Compact/Grandfathered CU: 0

Facility Location

Street Address: 405 Chapel Hill Road

State: PA

County: Berks

Municipality: Spring Township

Zip Code: 19608

Surface Water Withdrawal Source Information

Source Name: Little Muddy Creek

Source Type: stream

Subbasin: Lower Susquehanna

2.1 Project Facility Description

a. Site/Facility name

Chapel Hill Golf Course owned by Golf Acres, Inc. DBS Chapel Hill Golf Course.

b. Anticipated long-term owner and operator, if different

No changes in ownership are expected at this time.

c. Type of facility

Facility is an 18-hole public golf course

d. Purpose of the withdrawal and the requested quantity of water to be withdrawn.

No changes in ownership are expected at this time.

e. Description of site activities

This project does not entail disturbance or construction activities; this application is designed to address the requirements of the Susquehanna River Basin Commission (SRBC) relative to an application being made for a surface water withdrawal and consumptive use project. This golf course is presently active, and has been since 1992; and no changes are being proposed.

f. Provide the date operations began at the site or are anticipated to begin

Chapel Hill Golf Course began as a driving range and chip and putt in the late 1980's. From the late 80's to early 90's the current golf course was under construction and by 1992 Chapel Hill Golf Course was completed.

g. For consumptive use applications, briefly describe how water is or will be consumptively used at the facility, indicate the requested quantity of water to be consumptively used, and the purpose of the consumptive use.

Water is consumptively used for turfgrass growth and management. The total surface water withdrawal requested is 0.18 MGD (180,000 gallons per day), not to exceed 4.5 million gallons per month. The anticipated annual use is 14 million gallons. Turfgrass irrigation is considered 90% consumptive; therefore, the estimated consumptive use is 0.162 MGD.

h. For renewal applications, provide a summary of any proposed changes to the project to the proposed withdrawal and consumptive use, as applicable, or otherwise indicate there are no proposed changes for the requested project renewal.

This golf course is presently active, and has been since 1992; and no changes are being proposed.

i. For golf courses, please 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

Chapel Hill Golf Course is an 18-hole public golf course. The 18-hole course is irrigated via one holding pond, which is augmented by natural flow from a series of five (5) spring-fed terraced ponds which total 0.67 acres and one surface water intake located upstream on Little Muddy Creek; both of which gravity feed into a single 0.15-acre collection pond. There is a primary intake line from this holding pond to the pumphouse, where the flow is metered, and directed into the golf course irrigation network. There are three (3) other ponds on the site, totaling 0.82 acre. Altogether there are 1.65 acres in nine ponds on site. The ponds are natural features, and the only managed pond for irrigation purposes is the small 0.15 acre holding pond adjacent to the main pump building.