



SUSQUEHANNA RIVER BASIN COMMISSION

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Docket No. 20240308

Approval Date: March 14, 2024

EAST HEMPFIELD TOWNSHIP FACILITY: FOUR SEASONS GOLF CLUB

**Groundwater Withdrawal (30-Day Average) of 0.199 mgd from Well C, and
Consumptive Use (30-Day Average) of up to 0.199 mgd from Well C**

Section 1. Approval

After review of the record, including the technical findings of Susquehanna River Basin Commission (Commission) staff, the Commission has determined that no significant adverse impacts are anticipated by the operation of this project as described and conditioned herein, the project is physically feasible, and does not conflict with or adversely affect the Commission's Comprehensive Plan. Accordingly, the Commission hereby approves renewal of the project described herein in accordance with the conditions set forth below.

The project sponsor maintains and operates a system to supply water for a golf course that includes one groundwater source (Well C) that discharges to an unlined storage pond that supplies the irrigation system. The project sponsor also uses Well D (a small capacity well) to fill ornamental ponds, which is considered to be de minimis and is not used consumptively for irrigation. Based on information provided by the project sponsor, no other sources are operated by the project. Potable water for the facility is provided by a service connection from the public water supply system.

The Commission previously approved the withdrawal of 0.304 million gallons per day (mgd) from Well C and consumptive use of 0.304 mgd (peak day) for irrigation purposes under Commission Docket Nos. 19970504, 19970504-1, and 19970504-2. The project sponsor submitted a groundwater withdrawal renewal application requesting approval to withdraw a reduced quantity of up to 0.199 mgd (30-day average) from Well C and consumptively use a reduced quantity of up to 0.199 mgd (30-day average) for irrigation purposes. This approval authorizes continued withdrawal and consumptive use at the requested rates.

Commission staff has coordinated with the Pennsylvania Department of Environmental Protection (PADEP) and the Pennsylvania Fish and Boat Commission (PFBC) during review of this project.

Section 2. Project Information

Information concerning the project sponsor, water use type, and location are set forth in the table below.

Project Information	
Project Sponsor:	East Hempfield Township
Facility:	Four Seasons Golf Club
Approval Types:	Groundwater Withdrawal and Consumptive Use
Previous Docket Nos.:	19970504, 19970504-1, and 19970504-2
Authorized Water Use Purpose:	Golf Course Irrigation and Incidental Related Uses
Municipality:	East Hempfield Township
County:	Lancaster County
State:	Pennsylvania

Section 3. Source Information

Information concerning the source of water from which the withdrawal will be made is set forth in the table below.

Source Information		
Withdrawal Type:	Groundwater	
Approved Source:	Well C	
Subbasin:	Lower Susquehanna	
Watershed Boundary Dataset (WBD):	0205030610 (Little Conestoga Creek)	
Withdrawal Location (degrees):	Lat: 40.066915 N	Long: 76.400493 W
Special Flow Protection Required:	No	

Section 4. Aquifer Testing

Commission staff determined that the requirements of 18 CFR § 806.12 were met in 1996 with prior approval of an aquifer testing plan for Well C. A 48-hour, constant-rate aquifer test of Well C was conducted on November 19 through 21, 1996, pumping at an average rate of 552 gallons per minute (gpm). The existing well pump has a capacity of 700 gpm and has operated at an average of 660 gpm to 670 gpm. Commission staff found that the project sponsor provided the necessary information and reports that are required under 18 CFR § 806.14 for comparison to results of prior hydrogeologic evaluation and to evaluate potential impacts to other users, impacts to the environment, and the sustainability of the withdrawal at the requested or recommended withdrawal rate.

Commission staff determined that the withdrawal from Well C at the requested withdrawal rate should not cause permanent loss of aquifer storage, render competing supplies unreliable, or cause adverse impacts to the water resources of the basin, subject to the conditions set forth below.

Section 5. Approved Withdrawal Quantities and Limitations

The withdrawal approved hereunder is subject to the quantitative limits and restrictions set forth in the table below.

Approved Withdrawal Quantities and Limitations	
30-Day Average Withdrawal (mgd):	0.199
Maximum Instantaneous Withdrawal Rate (gpm):	700 (Not to Exceed)
Peak Day Withdrawal (mgd):	1.008

The withdrawal is also subject to all other conditions set forth in this docket approval.

Section 6. Approved Consumptive Use Quantities and Limitations

The consumptive use approved hereunder is subject to the quantitative limits and restrictions set forth in the table below.

Approved Consumptive Use Quantities and Limitations	
Source for Project Consumptive Use:	Well C
30-Day Average Consumptive Use Amount (mgd):	0.199 (Not to Exceed)
Authorized Project Consumptive Uses:	1. Golf Course Irrigation 2. Incidental Related Uses
Consumptive Use Mitigation Type:	Payment of consumptive use mitigation fee

The consumptive use is also subject to all other conditions set forth in this docket approval.

Section 7. Existing Approved Withdrawals and Consumptive Uses

The project does not have existing approved withdrawals or consumptive uses.

Section 8. Grandfathering Determination – Withdrawals and Consumptive Use

All consumptive use and withdrawals used by the project have Commission approval.

Section 9. Standard Conditions

1. The project sponsor shall comply with all Commission regulations, 18 CFR Parts 801, 806, and 808. This project is subject to the Annual Compliance and Monitoring fee as specified in the Commission's Regulatory Program Fee Schedule, which may be modified over the term of the approval.

2. The project sponsor shall adhere to the metering plan reviewed and approved by Commission staff. Any modifications proposed for the metering plan shall be submitted for review and, if appropriate, approval by Commission staff in accordance with 18 CFR § 806.30. Modifications shall not be made until the project sponsor receives written approval of the amended plan.

3. The project sponsor shall maintain the totalizing meter and other flow and volume measuring devices, accurate to within five (5) percent, so as to provide an accurate record of withdrawals and consumptive use, and certify to the Commission once every five (5) years, or as otherwise requested, the accuracy of all measuring devices and methods to within five (5) percent of actual flow.

4. The project sponsor shall adhere to the groundwater elevation monitoring plan reviewed and approved by Commission staff for the source listed in Section 3. The project sponsor shall maintain and monitor the accuracy of the measuring devices in accordance with the manufacturer's specifications.

5. The project sponsor shall keep daily records of the project's withdrawal, consumptive use, and groundwater elevations for the source listed in Sections 3 and 6, and shall report the data to the Commission quarterly, and as otherwise required, in the form and manner as prescribed by Commission staff. Quarterly monitoring reports shall be submitted online and are due within thirty (30) days after the close of the preceding quarter. Any alternative measuring, monitoring, or accounting procedure, and any modifications proposed for the groundwater elevation monitoring plan, shall be submitted for review and approval by Commission staff in accordance with 18 CFR § 806.30. Modifications shall not be made until the project sponsor receives written approval of the amended plan. All data collected and submitted as required under this approval shall be maintained by the project sponsor for the duration of the approval and all subsequent renewals.

6. The project's consumptive use is subject to mitigation requirements, as per 18 CFR § 806.22(b). To satisfy the Commission's current mitigation requirements for consumptive use, the project sponsor shall make quarterly payments to the Commission at the rate specified in the effective Regulatory Program Fee Schedule, as modified from time to time by the Commission. For the purposes of this project, 0.054 mgd was determined to be the project's pre-1971 consumptive use and is considered to not be subject to consumptive use mitigation payment. Payments shall be made quarterly and shall be calculated by applying this rate to the total amount of water consumptively used by the project during the preceding calendar quarter. Quarterly payments are due and payable within thirty (30) days after the close of the preceding quarter. The rate of payment, after appropriate notice to consumptive users of water using this method of compliance, is subject to change at the Commission's discretion.

7. The project sponsor or any other person representing the project sponsor shall allow authorized employees or agents of the Commission, without advance notice, at any reasonable time and upon presentation of appropriate credentials, and without delay, to have access to and to inspect all areas where the project is being constructed, operated, or maintained, or otherwise exercise all investigative powers authorized under 18 CFR § 808.12.

8. In accordance with 18 CFR § 806.30(b)(2), the project sponsor shall report violations of any withdrawal and consumptive use limits and any conditions of this approval within five (5) days of such violation or report loss of measuring or recording capabilities required under 18 CFR § 806.30(a)(1) within five (5) days after any such loss.

9. In accordance with 18 CFR § 806.6, if ownership of the project changes or if the project sponsor undergoes a name change, the project sponsor shall submit application for transfer or reissuance of all approvals to the Commission within ninety (90) days of the change in ownership or project sponsor name change.

10. The project sponsor shall comply with the water conservation requirements specified in 18 CFR § 806.25.

11. This approval is conditioned on the project sponsor maintaining legal access to the withdrawal location for the duration of the approval.

12. The project sponsor shall register with the appropriate agency all water sources described herein, and adhere to reporting requirements as may be required by regulations of the member jurisdiction.

13. If the project sponsor fails to comply with the provisions of the Susquehanna River Basin Compact or any rule, regulation, or order of the Commission, or any term or condition of this docket, the project sponsor is subject to enforcement actions pursuant to 18 CFR Part 808.

14. Commission approval shall not be construed to exempt the project sponsor from obtaining and maintaining all necessary permits and/or approvals required for the project from other federal, state, or local government agencies having jurisdiction over the project. All such permits and/or approvals shall be obtained prior to the withdrawal of water. The Commission may modify, suspend, or revoke this approval if the project sponsor fails to obtain or maintain such permits and/or approvals.

15. The Commission may at any time reopen any project approval or issue such additional orders, as may be necessary, to mitigate or avoid adverse impacts or otherwise to protect public health, safety, welfare, or the environment, pursuant to 18 CFR § 806.32.

16. Commission approval confers no property rights upon the project sponsor. The securing of all rights necessary and incident to the project sponsor's development and operation of the project shall be the sole and exclusive responsibility of the project sponsor, and this approval shall be subject thereto.

17. This project is approved for inclusion in the Commission's Comprehensive Plan for the Water Resources of the Susquehanna River Basin.

18. The project sponsor is required to apply for and obtain approval prior to any increase in withdrawal or consumptive use that would exceed the amounts listed herein or to add a source used for consumptive use that is not listed in Sections 3 or 6.

19. The project sponsor is required to apply for and obtain approval prior to any increase in the total system withdrawal that would exceed the approved total system withdrawal limits listed herein.

20. If the Commission determines that the operation of the project's groundwater withdrawal adversely affects any existing groundwater or surface water withdrawal, the project sponsor shall be required to provide, at its expense, an alternate water supply or other mitigating measure.

Section 10. Special Conditions

21. The date of the last meter certifications for Well C and the irrigation meter was January 2, 2020; therefore, the next meter certifications are due no later than January 2, 2025. Certification of meter accuracy shall be provided to the Commission no less frequent than once every five (5) years from the date of the last certification.

22. Prior to supplying water for any use not authorized pursuant to Sections 2 or 6 of this approval, the project sponsor shall first submit a minor modification application under 18 CFR § 806.18(c)(4) for such new use to the Executive Director. The project sponsor shall not supply water for such use unless and until such authorization is granted, and pursuant to any supplemental terms and conditions contained in such approval.

23. Prior to any use of Well D, other than what is described herein, the project sponsor shall contact the Commission to discuss proposed changes in withdrawal or use to determine if other uses of Well D would require Commission review and approval.

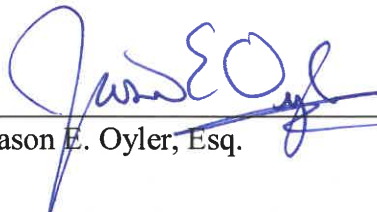
Section 11. Term

24. This approval shall be effective April 1, 2024, and shall remain effective until March 31, 2039. As specified in 18 CFR § 806.31(e), if the project sponsor submits an application on or before September 30, 2038, the project sponsor may continue operation of this project pursuant to the terms and conditions of this approval until such time as the Commission acts on such application, or until otherwise notified by the Executive Director.

25. Commission Docket Nos. 19970504, 19970504-1, and 19970504-2 shall remain effective through March 31, 2024, whereupon they shall expire.

CERTIFICATION: I, Jason E. Oyler, Secretary to the Susquehanna River Basin Commission, do hereby certify that the foregoing project docket was approved by the Susquehanna River Basin Commission on March 14, 2024.

Dated: March 15, 2024



Jason E. Oyler, Esq.