



# SUSQUEHANNA RIVER BASIN COMMISSION

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**Docket No. 20170303**

**Approval Date: March 9, 2017**

## **CROSSGATES GOLF COURSE**

**Surface Water Withdrawal (Peak Day) of up to 0.300 mgd  
from the Conestoga River, and  
Consumptive Use (Peak Day) of up to 0.300 mgd  
from the Conestoga River**

### **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, and that 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.

This approval is a renewal of Commission Docket No. 19910515 that was originally approved May 9, 1991, and modified September 12, 1991 and November 4, 1999, as Commission Docket Nos. 19910515-1 and 19910515-2.

Commission Docket No. 19910515-2 incorrectly noted an expiration date of September 12, 2016, for the prior approval and, as such, the project sponsor submitted application for renewal five (5) years earlier than required by regulations adopted in 1995. Therefore, Commission staff recommended approval of the renewal application with the effective date of May 9, 2021. Staff also recommended that the special flow protection requirements be added to reflect current policy. This approval incorporates those recommendations.

Commission staff has coordinated with the Pennsylvania Department of Environmental Protection (PADEP), the Department of Conservation and Natural Resources (DCNR), 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.

<b>Project Information</b>	
<b>Project Sponsor:</b>	Crossgates Golf Course
<b>Approval Types:</b>	Surface Water Withdrawal and Consumptive Use
<b>Past Docket Nos.:</b>	19910515, 19910515-1, and 19910515-2
<b>Authorized Water Use Purpose:</b>	Golf Course Irrigation
<b>Municipality:</b>	Manor Township and Millersville Borough
<b>County:</b>	Lancaster County
<b>State:</b>	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.

<b>Source Information</b>	
<b>Approved Source:</b>	Conestoga River
<b>Subbasin:</b>	Lower Susquehanna
<b>Watershed Boundary Dataset (WBD):</b>	0205030611 (Conestoga River)
<b>Water Use Designation:</b>	Warm Water Fishery (WWF)
<b>Withdrawal Location (degrees):</b>	Lat: 39.985237 N      Long: 76.344205 W
<b>Site Flow Statistics (cfs):</b>	Q7-10 = 71.2; Average Daily Flow = 574
<b>Impairment:</b>	Pathogens
<b>Drainage Area (square miles):</b>	394
<b>Aquatic Resource Class*:</b>	4
<b>Special Flow Protection Required:</b>	Yes
cfs – cubic feet per second	
* Refer to Commission Policy No. 2012-01 (Low Flow Protection Policy Related to Withdrawal Approvals)	

### Section 4. Approved Withdrawal Quantities and Limitations

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

<b>Approved Withdrawal Quantities and Limitations</b>	
<b>Peak Day Withdrawal Amount (mgd):</b>	0.300 (Not to Exceed, When Available)
<b>Maximum Instantaneous Withdrawal Rate (gpm):</b>	650 (Not to Exceed)
<b>Flow Protection Type:</b>	Seasonal passby expressed as monthly values
<b>Method for Monitoring Flow Protection:</b>	Off-site monitoring of USGS Real-Time Gage 01576754; Conestoga River at Conestoga, Pennsylvania

<b>Approved Withdrawal Quantities and Limitations (continued)</b>		
<b>Passby Schedule:</b>		
<i>Month</i>	<i>On-Site Flow Protection Rate (cfs)</i>	<i>Off-Site Monitoring Threshold for Flow Protection (cfs)*</i>
January	--	--
February	--	--
March	--	--
April	--	--
May	--	--
June	--	--
July	101	121
August	90	108
September	86	104
October	106	127
November	137	164
December	--	--
mgd – million gallons per day 1 cfs = 448.8 gallons per minute (gpm) * Flow Protection Threshold		USGS – U.S. Geological Survey -- – No special flow protection required

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

### Section 5. 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.

<b>Approved Consumptive Use Quantities and Limitations</b>	
<b>Source for Project Consumptive Use:</b>	Conestoga River
<b>Peak Day Consumptive Use Amount (mgd):</b>	0.300 (Not to Exceed)
<b>Authorized Project Consumptive Use:</b>	Golf Course Irrigation
<b>Consumptive Use Mitigation Type:</b>	Payment of consumptive use mitigation fee

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

### Section 6. 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 Commission Regulation 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 metering on the withdrawal and consumptive use in accordance with Commission Regulation 18 CFR § 806.30.

4. 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 uses, 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.

5. The project sponsor shall adhere to the intake design reviewed and approved by Commission staff. Any modifications proposed by the project sponsor for the permitted intake structure shall be submitted for review and, if appropriate, approval by Commission staff in accordance with Commission Regulations 18 CFR § 806.21 and § 806.23 prior to undertaking such modification(s).

6. The project sponsor shall keep daily records of the project's withdrawal and consumptive use 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 requested by the project sponsor shall be submitted for review and approval by Commission staff in accordance with Commission Regulation 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.

7. The project's consumptive use is subject to mitigation requirements, as per Commission Regulation 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. 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.

8. 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 Commission Regulation 18 CFR § 808.12.

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

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

11. The project sponsor shall register with the appropriate agency all surface water sources described herein, as may be required by regulations of the member jurisdiction.

12. 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 Commission Regulation 18 CFR Part 808.

13. 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.

14. 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 Commission Regulation 18 CFR § 806.32.

15. 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.

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

17. In accordance with Commission Regulation 18 CFR § 806.31(d), if the project is discontinued for such a time and under such circumstances that an abandonment of the project may be reasonably inferred, the Commission may rescind the approval of the project.

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 Section 5.

## Section 7. Special Conditions

19. Effective May 9, 2021, the project sponsor shall cease all withdrawals from the approved source when streamflow, as measured at the U.S. Geological Survey stream gage location specified in Section 4, is less than the applicable flow protection threshold specified in Section 4, and shall not reinstate withdrawals until the streamflow is equal to or exceeds such flow protection threshold.

20. The project sponsor shall, on a daily basis, collect and record streamflow as measured at the U.S. Geological Survey stream gage location specified in Section 4, 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. The project sponsor may propose alternative flow monitoring to the Commission for staff review and, if appropriate, approval.

21. 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 Section 2 of this approval, the project sponsor shall first submit a request for minor modification under Commission Regulation 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.

## Section 8. Term

23. This approval shall be effective May 9, 2021, and shall remain effective until June 30, 2036. As specified in Commission Regulation 18 CFR § 806.31(e), if the project sponsor submits an application on or before December 31, 2035, 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.

24. Commission Docket Nos. 19910515, 19910515-1, and 19910515-2 shall remain effective through May 8, 2021, whereupon they shall expire.

**CERTIFICATION:** I, Stephanie L. Richardson, 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 9, 2017.

Dated: March 10, 2017

  
Stephanie L. Richardson