



SUSQUEHANNA RIVER BASIN COMMISSION

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Docket No. 20220314

Approval Date: March 17, 2022

MILLERSBURG AREA AUTHORITY

**Groundwater Withdrawal (30-Day Average) of 0.117 mgd from Well 14, and
Total System Withdrawal Limit (30-Day Average) of 0.550 mgd**

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 the renewal of the project described herein in accordance with the conditions set forth below.

The project sponsor maintains and operates a public water supply system that includes eight groundwater sources (Wells 1, 2, 3, 4, 5, 10, 11, and 14), one surface water source (Wiconisco Creek), and seven spring sources (Springs 1 through 7), all of which are incorporated into the total system limit. Based on information provided by the project sponsor, no other sources are operated by the project.

The Commission previously approved the withdrawal of 0.460 million gallons per day (mgd) from Wells 14 and 15 under Commission Docket No. 19930301. The project sponsor submitted a groundwater withdrawal renewal application requesting approval to withdraw up to 0.117 mgd from Well 14. The project sponsor has not requested renewal of Well 15 because it is not being used. This approval authorizes continued withdrawal from Well 14 at the requested reduced rate, maintains the previously established total system withdrawal limit of 0.550 mgd, and rescinds Commission Docket No. 19930301. The reported maximum 30-day average demand for the public water supply system is approximately 0.391 mgd.

Should demand exceed the total system limit established herein, the project sponsor may request a minor modification in accordance with 18 CFR § 806.18(c)(7) to increase the total system limit, as the total system limit established herein is based on the 15-year projected demand.

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:	Millersburg Area Authority
Approval Type:	Groundwater Withdrawal
Past Docket No.:	19930301
Authorized Water Use Purpose:	Public Water Supply
Municipality:	Upper Paxton Township
County:	Dauphin 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 14
Subbasin:	Lower Susquehanna
Watershed Boundary Dataset (WBD):	0205030109 (Wiconisco Creek)
Withdrawal Location (degrees)*:	Lat: -- Long: --
Special Flow Protection Required:	No
* Specific location information concerning discrete water-related project features has been withheld for security reasons.	

Section 4. Aquifer Testing

The project sponsor requested that the requirements of 18 CFR § 806.12 be considered satisfied using an evaluation completed by Commission staff under the Public Water Supply Assistance Program (PWSAP). Staff evaluated hydrogeologic setting information, results of a historical 50-hour aquifer test, historical withdrawal and groundwater elevation data for Well 14 provided by the project sponsor, and prepared a Voluntary Action Plan (VAP) that provided renewal options and identified data gaps for Well 14. Commission staff evaluated the available hydrogeologic and operational data and found that the existing data meets the essential purpose of testing and provides the necessary data to evaluate potential impacts to other users, impacts to the environment, and the sustainability of the withdrawal at a withdrawal rate of up to 0.117 mgd without requiring new testing or additional hydrogeologic evaluation. Accordingly, the VAP provided the project sponsor with an option to accept staff's evaluation of the Well 14

hydrogeological data and apply for the quantity identified in the VAP (30-day average of 0.117 mgd) and utilize Commission staff's hydrogeologic evaluation to support renewal.

The project sponsor utilized staff's evaluation, which determined that the withdrawal from Well 14 at a rate of 0.117 mgd should not cause permanent loss of aquifer storage, render competing supplies unreliable, or cause adverse impacts to the water resources of the basin. The VAP analysis of the tested rate satisfies the hydrogeologic evaluation requirement of 18 CFR § 806.12, and an Alternative Hydrogeologic Evaluation was approved on February 17, 2022.

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):	0.117
Maximum Instantaneous Withdrawal Rate (gpm):	240 (Not to Exceed)
Peak Day Withdrawal (mgd):	0.346
Total System Withdrawal Limit – Wells 1, 2, 3, 4, 5, 10, 11, and 14; Wiconisco Creek; and Springs 1 through 7 (30-Day Average) (mgd):	0.550
gpm – gallons per minute	

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

Section 6. Existing Approved Withdrawals

Quantities applicable to the existing approved withdrawals are listed in the tables below.

Existing Approved Groundwater Withdrawals			
Source	30-Day Average Withdrawal (mgd)	Commission Docket No.	Docket Expiration Date
Well 10	0.173	20131206	December 11, 2028
Well 11	0.102	20131206	December 11, 2028

Existing Approved Surface Water Withdrawals			
Source	Peak Day Withdrawal (mgd)	Commission Docket No.	Docket Expiration Date
Wiconisco Creek	0.2365	20021101	November 12, 2027

Section 7. Grandfathering Determination – Withdrawals

On April 3, 2018, the project sponsor submitted a grandfathered water use registration under 18 CFR §§ 806.40-45 for Wells 1, 2, 3, 4, and 5, and Springs 1 through 7. The Executive Director issued Certificate of Registration No. GF-202001077 on January 24, 2020, pursuant to 18 CFR § 806.44.

Section 8. 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 meters and other flow and volume measuring devices, accurate to within five (5) percent, so as to provide an accurate record of withdrawals, 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 sources listed in Sections 3, 6, and 7. The project sponsor shall maintain and monitor the accuracy of the measuring devices in accordance with the manufacturer's specifications.

5. 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.

6. In accordance with 18 CFR § 806.30(b)(2), the project sponsor shall report violations of any withdrawal 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.

7. 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.

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

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

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

11. 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.

12. 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.

13. 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.

14. 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.

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

16. The project sponsor is required to apply for and obtain approval prior to any increase in withdrawal that would exceed the amounts listed herein.

17. 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.

18. 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 9. Special Conditions

19. The project sponsor shall keep daily records of the project's withdrawals for the sources listed in Sections 3, 6, and 7, and shall report the data to the Commission quarterly, and as otherwise required, in the form and manner as prescribed by Commission staff.

20. In accordance with the approved groundwater elevation monitoring plan, the project sponsor shall keep records of the project's groundwater elevations as follows:

- a. Daily water level elevations for Wells 10 and 11; and
- b. Water level elevations at a minimum of once per week for Wells 1, 2, 3, 4, 5, and 14 when not in use and daily when in use.

The project sponsor shall report the water level elevation data to the Commission quarterly, and as otherwise required, in the form and manner as prescribed by Commission staff.

21. Quarterly withdrawal and water level elevation 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.

22. The project sponsor is required to apply for and obtain approval prior to any increase in withdrawal from grandfathered sources that would exceed the approved quantities.

23. The date of the last meter certification was October 7, 2021; therefore, the next meter certification is due no later than October 7, 2026, for the sources listed in Section 3, 6, and 7. 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.

24. The project sponsor shall keep records, and shall report the same to the Commission upon request, of all persons supplied water from the project that maintain a permanent connection to the public water supply system. The project sponsor shall also keep daily records, and shall report the same to the Commission upon request, of all persons supplied water from the project that do not maintain a permanent connection to the public water supply system, including daily quantities supplied.

Section 10. Term


25. This approval shall be effective April 1, 2022, and shall remain effective until March 31, 2038. As specified in 18 CFR § 806.31(e), if the project sponsor submits an application on or before September 30, 2037, 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.

26. Commission Docket No. 19930301 for Wells 14 and 15 shall remain effective through March 31, 2022, whereupon it shall be rescinded.

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 17, 2022.

Dated: March 18, 2022



Jason E. Oyler, Esq.