



SUSQUEHANNA RIVER BASIN COMMISSION

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Docket No. 20190904

Approval Date: September 6, 2019

DILLSBURG AREA AUTHORITY

**Groundwater Withdrawal (30-Day Average) of 0.220 mgd from Well 4, and
Total System Withdrawal Limit (30-Day Average) of 0.950 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 Executive Director, in accordance with the authorities provided under Commission Resolution Nos. 2013-11 and 2015-06, revised Special Condition 20 modifying the monitoring condition to allow for an alternate monitoring location and reissued the docket on May 14, 2020.

The project sponsor maintains and operates a public water supply system that includes five sources (Wells 1, 3, 4, 5A, and 7). According to information provided by the project sponsor, no other sources are used by the project.

On November 9, 2018, the project sponsor submitted a groundwater withdrawal application requesting approval to renew the withdrawal from Well 4 at the previously approved withdrawal rate. This approval authorizes the use of Well 4 at the requested rate and reduces the total system withdrawal limit established under Commission Docket No. 20070907 from 1.112 million gallons per day (mgd) to 0.950 mgd to be consistent with the updated 15-year projected demand through 2034.

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:	Dillsburg Area Authority
Approval Type:	Groundwater Withdrawal
Past Docket No.:	19890304
Authorized Water Use Purpose:	Public Water Supply
Municipality:	Carroll Township
County:	York 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 4
Subbasin:	Lower Susquehanna
Watershed Boundary Dataset (WBD):	0205030505 (Yellow Breeches 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 constant-rate aquifer testing required by 18 CFR § 806.12 for groundwater withdrawals be waived. In support of the aquifer testing waiver request for Well 4, the project sponsor provided the required groundwater availability analysis, historical withdrawal and water level data, and historical aquifer testing results for Well 4. Pursuant to Commission Resolution No. 2015-06, the Executive Director approved the waiver of the aquifer testing requirements of 18 CFR § 806.12 on August 13, 2019.

The project sponsor monitors three private water supply wells in accordance with the conditions of the 1998 approval for Well 5A and provided historical water level data for these wells. Based on the information provided, operation of Well 4 at the requested withdrawal rate is not expected to cause significant adverse impacts to deep private water supply wells in the vicinity of Well 4. However, the data provided is not sufficient to conclude that existing shallow private water supply wells in the area may not be impacted. Therefore, Commission staff recommends that the project sponsor continue to monitor one shallow private water supply well as provided in Special Condition 20 to verify no adverse impacts resulting from continued operation.

Commission staff determined that the withdrawal from Well 4 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):	0.220
Maximum Instantaneous Withdrawal Rate (gpm):	153 (Not to Exceed)
Peak Day Withdrawal (mgd):	0.220
Total System Withdrawal Limit – Wells 1, 3, 4, 5A, and 7 (30-Day Average) (mgd):	0.950
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 table below.

Existing Approved Groundwater Withdrawals			
Source	30-Day Average Withdrawal (mgd)	Commission Docket No.	Docket Expiration Date
Well 1	0.022	20081206	December 4, 2023
Well 3	0.200	20081207-1	December 4, 2023
Well 5A	0.576	19980703	July 9, 2023
Well 7	0.460	20070907	September 12, 2022

Section 7. Grandfathering Determination – Withdrawals

The project did not utilize surface water withdrawals prior to November 11, 1995. All withdrawals used by the project sponsor have Commission approval.

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 meter 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 and 6. 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 and groundwater elevations for the sources 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 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.

7. 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.

8. 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 this approval to the Commission within ninety (90) days of the change in ownership or project sponsor name change.

9. The project sponsor shall comply with the water conservation requirements specified in 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 groundwater 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 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 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. The project sponsor is required to apply for and obtain approval prior to any increase in withdrawal that would exceed the amounts listed herein.

18. 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.

19. 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

20. To confirm that unacceptable interference with existing shallow private water supply wells will not occur as a result of operating Well 4, the project sponsor shall continue to collect and record groundwater elevation measurements from the existing private water supply well at 40 Dogwood Lane or, if unavailable, an alternate location approved by Commission staff. Within ninety (90) days from the date of this approval, the project sponsor shall provide a Well 4 residential well monitoring plan for Commission review and, if appropriate, approval. The residential well monitoring plan shall detail ongoing water level data collection and record-keeping methods, the address of the property with the well being monitored, and the frequency at which data will be collected. Any alternative Well 4 residential monitoring or modifications to the 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.

21. The project sponsor shall review the residential well data quarterly and report any indications of unacceptable hydraulic conditions (e.g., excessive drawdown, lowering of the water table). Data collected as part of this condition shall be submitted to the Commission annually. The project sponsor shall report to the Commission within five (5) days receipt of any claims of impact or interruption to private supply wells.

22. Monitoring and reporting of the residential well data shall continue for the term of this approval, unless the residential well data and hydrologic conditions are sufficient for staff to determine that significant adverse impacts are not expected. Commission staff will notify the project sponsor, in writing, if the residential well monitoring and reporting requirement required herein will no longer be required. If an evaluation of these data indicates unacceptable hydraulic conditions or excessive unacceptable interference between Well 4 and the existing private supply well during operation at or near the requested withdrawal rate, the Commission reserves the right to impose additional conditions or limitations on the use of Well 4.

23. The date of the last meter certification was January 11, 2017; therefore, the next meter certification is due no later than January 11, 2022. 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 October 1, 2019, and shall remain effective until September 30, 2034. As specified in 18 CFR § 806.31(e), if the project sponsor submits an

application on or before March 31, 2034, 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. 19890304 shall remain effective through September 30, 2019, whereupon it 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 September 6, 2019.

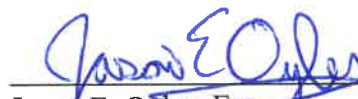
Dated: September 9, 2019



Jason E. Oyler, Esq.

CERTIFICATION: I, Jason E. Oyler, Secretary to the Susquehanna River Basin Commission, do hereby certify that the foregoing project docket was appropriately modified on May 14, 2020, by the Executive Director pursuant to the authority conferred by Commission Resolution Nos. 2013-11 and 2015-06.

Dated: May 14, 2020



Jason E. Oyler, Esq.