



# SUSQUEHANNA RIVER BASIN COMMISSION

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**Docket No. 20240303**

**Approval Date: March 12, 2009**

**Modification Date: March 14, 2024**

## **CHEROKEE PHARMACEUTICALS LLC**

**Surface Water Withdrawal (Peak Day) of up to 5.100 mgd  
from the Susquehanna River, and  
Consumptive Use (Peak Day) of up to 0.200 mgd  
from the Susquehanna 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, the project is physically feasible, and does not conflict with or adversely affect the Commission's Comprehensive Plan. Accordingly, the Commission hereby approves modification of the project described herein in accordance with the conditions set forth below.

This approval is a modification of the project which was previously approved by Commission Docket Nos. 20090310 and 20090311 on March 12, 2009. The project sponsor has requested an extension of the term of the approvals through 2028 to support continued production through 2024, and support decommissioning operations through 2028. The project sponsor has also requested a decrease in the peak day surface water withdrawal and consumptive use.

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.

Project Information	
<b>Project Sponsor:</b>	Cherokee Pharmaceuticals LLC
<b>Approval Types:</b>	Surface Water Withdrawal and Consumptive Use
<b>Previous Docket Nos:</b>	20090310 and 20090311
<b>Authorized Water Use Purpose:</b>	Facility Potable and Sanitary Use, Pharmaceutical and Chemical Production, Decommissioning Operations, and Related Incidental Uses
<b>Municipality:</b>	Riverside Borough
<b>County:</b>	Northumberland 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.

Source Information	
<b>Approved Source:</b>	Susquehanna River
<b>Subbasin:</b>	Middle Susquehanna
<b>Watershed Boundary Dataset (WBD):</b>	0205010710 (Lower Susquehanna River)
<b>Water Use Designation:</b>	Warm Water Fishery (WWF)
<b>Withdrawal Location (degrees):</b>	Lat: 40.964128 N      Long: 76.643253 W
<b>Site Flow Statistics (cfs):</b>	Q7-10 = 1,120; Average Daily Flow = 16,800
<b>Impairment:</b>	Polychlorinated Biphenyls (PCBs); Mercury
<b>Drainage Area (square miles):</b>	11,265
<b>Aquatic Resource Class*:</b>	6
<b>Special Flow Protection Required:</b>	No
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.

Approved Withdrawal Quantities and Limitations	
<b>Peak Day Withdrawal Amount (mgd):</b>	5.100 (Not to Exceed)
<b>Maximum Instantaneous Withdrawal Rate (gpm):</b>	21,800 (Not to Exceed)
mgd – million gallons per day	
gpm – gallons per minute	

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.

Approved Consumptive Use Quantities and Limitations	
<b>Source for Project Consumptive Use:</b>	Susquehanna River
<b>Peak Day Consumptive Use Amount (mgd):</b>	0.200 (Not to Exceed)
<b>Authorized Project Consumptive Uses:</b>	1. Pharmaceutical and Chemical Production 2. Decommissioning Operations 3. Related Incidental Uses
<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. Existing Approved Withdrawals

Quantities applicable to the existing other approved withdrawals at the facility for a different purpose are listed in the table below.

Existing Approved Groundwater Withdrawals			
Source	30-Day Average Withdrawal (mgd)	General Permit Approval of Coverage No.	Expiration Date
Groundwater Remediation Wells	0.600	GP-01-20240204	December 31, 2050

## Section 7. Grandfathering Determination – Withdrawals and Consumptive Use

All withdrawals and consumptive use by the project 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 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.

4. The project sponsor shall adhere to the intake design reviewed and approved by Commission staff. Prior to any modifications of the intake design or changes to the intake location, the project sponsor shall contact Commission staff to determine appropriate application requirements for submittal for review and, if appropriate, approval prior to undertaking such modification(s).

5. 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 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. 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 or 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 Section 5.

## **Section 9. Special Conditions**

19. The date of the last meter certification was December 17, 2019; therefore, the next meter certification is due no later than December 17, 2024. 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.

20. Prior to supplying water for any use not authorized pursuant to Sections 2 or 5 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.

21. The project sponsor shall demonstrate to the satisfaction of the Commission that appropriate controls and treatment to prevent the spread of aquatic nuisance species are employed at the water withdrawal site.

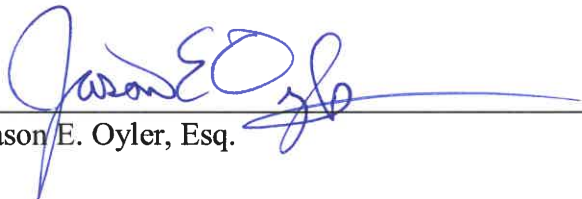
## Section 10. Term

22. This modified approval shall be effective April 1, 2024, and shall remain effective until December 31, 2028. As specified in 18 CFR § 806.31(e), if the project sponsor submits an application on or before June 30, 2028, 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.

23. On April 1, 2024, Commission Docket Nos. 20090310 and 20090311 are superseded.

**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

  
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Jason E. Oyler, Esq.