

February 14, 2024

Mr. Joseph M. Harrick
General Manager EHS
JKLM Energy, LLC
2200 Georgetown Drive, Suite 500
Sewickley, PA 15143

Re: Notice of Transfer of Approval;
from LDG Innovation, LLC to JKLM Energy, LLC – Tioga River;
Lawrenceville Borough, Tioga County, Pennsylvania;
Commission Docket No. 20230610

Dear Mr. Harrick:

The Susquehanna River Basin Commission (Commission) received a Request for Transfer of Approval (Commission Form #86) on January 25, 2024, for Commission Docket No. 20230610. This request indicated the change in ownership was effective January 19, 2024, from LDG Innovation, LLC to JKLM Energy, LLC (project sponsor). Upon review of the project and the submitted request for transfer, it was determined that the request is in compliance with the regulations and consistent with 18 CFR § 806.6(a). Therefore, the approval listed above is hereby transferred effective February 14, 2024.

A copy of the above-referenced approval is available on the Commission's Water Application and Approval Viewer (WAAV) at www.srbc.gov/waav.

Please note that the project sponsor may operate under the terms and conditions of the transferred approval not inconsistent with the conditions of this transfer, provided that:

1. Within 120 days from approval of this transfer request, the project sponsor shall post updated signage that meets Commission specifications and displays required project description information. Signage specifications can be found at the Commission's website (www.srbc.gov), along with example sign templates for reference. The signage shall be maintained for the duration of the approval. Such sign shall be posted at the point of entry or access to the project facility from a public right-of-way. If there is any restriction to access at such point that would prevent an interested person from legibly viewing such sign, then the project sponsor shall post the sign at the nearest location to such point, along the route of ingress and egress to same, where an interested person would have unrestricted access to legibly view such sign. The project sponsor shall submit photographs as proof of installation of the updated signage.

2. In accordance with the Commission's Regulatory Program Fee Schedule, the facility continues to be subject to the Annual Compliance and Monitoring fee (ACMF). The ACMF is contained in the Regulatory Program Fee Schedule, which may be modified over the term of the approval. The ACMF will be invoiced separately.

Outstanding post-approval items should be submitted electronically via the Monitoring Data Website (MDW). If you have any questions regarding quarterly reporting or the submittal of post-approval conditions, please feel free to contact Steve McFeaters at (717) 238-0423, extension 1225, or via e-mail at samcfeaters@srbc.gov.

Please be advised that, under 18 CFR § 808.11, you have a duty to comply with all provisions of the Susquehanna River Basin Compact (Compact), as well as the Commission's rules, regulations, orders, approvals, conditions of approval, and any other requirements of the Commission. It is your obligation to fulfill all conditions of this approval within the specified time limits and provide written notification to the Commission, as appropriate, and comply with all conditions set forth therein. Failure to meet any term or condition within the specified time may subject you to enforcement action and imposition of civil penalties pursuant to 18 CFR Part 808, Subpart B, and Section 15.17 of the Compact. Penalties range from \$50 to \$1,000 per day, per condition (which includes exceeding approved quantities), with every day being a separate offense.

Pursuant to 18 CFR § 808.2 relating to administrative appeals, any appeal to this action must be made to the Commission within 30 days of receipt of this notice. All appeals must be made in writing on the Commission's Notice of Appeal form and conform to the requirements of 18 CFR § 808.2. Pursuant to 18 CFR § 808.2(i), an appeal made under this section stays the commencement of the 90-day appeal period to Federal Court contained in Section 3.10(6) of the Compact.

Should you have any questions, please contact Todd Eaby, Manager of Project Review, at (717) 238-0423, extension 1234, or via e-mail at teaby@srbc.gov.

Sincerely,



Andrew D. Dehoff
Executive Director

cc: Christopher Yeakel – Pennsylvania Department of Environmental Protection



SUSQUEHANNA RIVER BASIN COMMISSION

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Docket No. 20230610

Approval Date: June 15, 2023

LDG INNOVATION, LLC

Surface Water Withdrawal (Peak Day) of up to 0.750 mgd from the Tioga 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 renewal of the project described herein in accordance with the conditions set forth below.

This approval is a renewal of the project which was previously approved by Commission Docket No. 20180603 on June 15, 2018. The project sponsor has not requested any changes to the project. Commission staff recommended special flow protection requirements consistent with 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.

Project Information	
Project Sponsor:	LDG Innovation, LLC
Approval Type:	Surface Water Withdrawal
Previous Docket No.:	20180603
Authorized Water Use Purpose:	Bulk Supply for Hydrocarbon Development and Related Incidental Uses
Municipality:	Lawrenceville Borough
County:	Tioga 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	
Approved Source:	Tioga River
Subbasin:	Chemung
Watershed Boundary Dataset (WBD):	0205010409 (Tioga River)
Water Use Designation:	Warm Water Fishery (WWF)
Withdrawal Location (degrees):	Lat: 41.991241 N Long: 77.124651 W
Site Flow Statistics (cfs):	Q7-10 = 30.9; Average Daily Flow = 566
Impairment:	Mercury
Drainage Area (square miles):	455
Aquatic Resource Class*:	4
Special Flow Protection Required:	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.

Approved Withdrawal Quantities and Limitations		
Peak Day Withdrawal Amount (mgd):	0.750 (Not to Exceed, When Available)	
Maximum Instantaneous Withdrawal Rate (gpm):	925 (Not to Exceed)	
Flow Protection Type:	Seasonal passby expressed as monthly values	
Method for Monitoring Flow Protection:	Off-site monitoring of USGS Real-Time Gage 01518700; Tioga River at Tioga Junction, Pennsylvania	
Passby Schedule:		
<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	82	82

Approved Withdrawal Quantities and Limitations (continued)		
Passby Schedule:		
<i>Month</i>	<i>On-Site Flow Protection Rate (cfs)</i>	<i>Off-Site Monitoring Threshold for Flow Protection (cfs)*</i>
July	51	51
August	42	43
September	40	41
October	52	53
November	66	66
December	139	137
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. 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 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 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. Within sixty (60) days from notice of this approval, the project sponsor shall post an updated sign that meets Commission specifications and displays required project description information. Signage specifications can be found at the Commission's website (www.srbc.net), along with example sign templates for reference. The sign shall be maintained for the duration of the approval. Such sign shall be posted at the point of entry or access to the project facility from a public right-of-way. If there is any restriction to access at such point that would prevent an interested person from legibly viewing such sign, then the project sponsor shall post the sign at the nearest location to such point, along the route of ingress and egress to same, where an interested person would have unrestricted access to legibly view such sign. The project sponsor shall submit photographs as proof of installation of the updated sign.

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 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 surface water sources described herein, 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 that would exceed the amounts listed herein.

Section 6. Special Conditions

19. Effective July 1, 2023, the project sponsor shall cease all withdrawals from the approved source when streamflow, as measured at the U.S. Geological Survey stream gage 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 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. The date of the last meter certification was November 16, 2021; therefore, the next meter certification is due no later than November 16, 2026. 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. Except as authorized pursuant to Special Condition 24, the project sponsor shall only supply water for use in hydrocarbon development to persons who have properly registered or received approval pursuant to 18 CFR § 806.22(f), as applicable.

23. The project sponsor shall keep daily records, and shall report the same to the Commission upon request, of all persons supplied water from the project for use in hydrocarbon development, including daily quantities supplied. The project sponsor also shall keep daily records, and shall report the same to the Commission upon request, of all persons supplied water from the project for uses other than hydrocarbon development authorized pursuant to Special Condition 24, including daily quantities supplied.

24. Prior to supplying water for any use not authorized pursuant to Section 2 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.

25. 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 7. Term

26. This approval shall be effective July 1, 2023, and shall remain effective until June 30, 2028. As specified in 18 CFR § 806.31(e), if the project sponsor submits an application on or before December 31, 2027, 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.

27. Commission Docket No. 20180603 shall remain effective through June 30, 2023, 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 June 15, 2023.

Dated: June 16, 2023



Jason E. Oyler, Esq.