



SUSQUEHANNA RIVER
BASIN COMMISSION

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NY ■ PA ■ MD ■ USA

May 11, 2022

Ms. Carla Harris
EHS & Regulatory, Regulatory Analyst II
Chesapeake Appalachia, L.L.C.
14 Chesapeake Lane
Sayre, PA 18840

Re: Notice of Transfer of Approval;
from Chief Oil & Gas LLC to Chesapeake Appalachia, L.L.C.;
Two (2) Docket Approvals and 150 Approvals by Rule (see Table 1)

Dear Ms. Harris:

The Susquehanna River Basin Commission (Commission) received a Request for Transfer of Approval (Commission Form #86) on March 11, 2022, for two (2) Docket approvals and 150 Approvals by Rule (see Table 1). This request indicated the change in ownership was effective March 9, 2022, from Chief Oil & Gas LLC to Chesapeake Appalachia, L.L.C. (Chesapeake). Upon review of the projects 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 approvals on Table 1 are hereby transferred effective May 11, 2022.

Copies of the approvals listed on Table 1 are available on the Commission's Water Application and Approval Viewer (WAAV) at www.srbc.net/waav.

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

1. Within 120 days from approval of this transfer request, Chesapeake 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.net), along with example sign templates for reference. The signage shall be maintained for the duration of the approvals. Such signs 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 Chesapeake 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. Chesapeake shall submit photographs as proof of installation of the updated signage.

2. In accordance with the Commission's Regulatory Program Fee Schedule, these facilities continue 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 approvals. 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 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.net.

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.net.

Sincerely,



Andrew D. Dehoff
Executive Director

Enclosure: Table 1

cc: Eric W. Haskins – Chesapeake Appalachia, L.L.C.
Christopher Yeakel – PADEP-Williamsport, PA

TABLE 1

List of SRBC Docket and Approval by Rule Numbers Approved for Transfer from Chief Oil & Gas LLC to Chesapeake Appalachia, L.L.C.

Docket/ABR No.	Source/Pad Name	Municipality	County/State
ABR-201009002.R2	Allen Drilling Pad #1	Asylum Township	Bradford/PA
ABR-201703002.R1	AMBROSIUS B PAD	Wilmot Township	Bradford/PA
ABR-201205004.R1	Ambrosius Drilling Pad #1	Wilmot Township	Bradford/PA
ABR-201207004.R1	Arnold A Drilling Pad	Monroe Township	Bradford/PA
ABR-201010068.R2	B & B Investment Group Drilling Pad #1	Asylum Township	Bradford/PA
ABR-20100202.R2	Bacon Drilling Pad #1	Burlington Township	Bradford/PA
ABR-201510007.R1	Bahl Drilling Pad	Forks Township	Sullivan/PA
ABR-201201013.R2	Bailey Drilling Pad #1	Overton Township	Bradford/PA
ABR-202109001	BAUMUNK NORTH A UNIT PAD	Fox Township	Sullivan/PA
ABR-201406004.R1	Baumunk North B Drilling Pad	Fox Township	Sullivan/PA
ABR-201008139.R2	Bedford	Elkland Township	Sullivan/PA
ABR-201111024.R2	Beirne Green Hills Farms A Drilling Pad #1	Asylum Township	Bradford/PA
ABR-201107002.R2	Belawske	Burlington Borough	Bradford/PA
ABR-201008146.R2	Benspond	Elkland Township	Sullivan/PA
ABR-201212014.R1	Bishop Drilling Pad	Auburn Township	Susquehanna/PA
ABR-20090517.R2	Black Unit #1H	Burlington Township	Bradford/PA
ABR-201405002.R1	Blanchard Drilling Pad	McNett Township	Lycoming/PA
ABR-201110008.R1	Bouse Drilling Pad #1	Monroe Township	Bradford/PA
ABR-201207023.R1	Boy Scouts Drilling Pad	Elkland Township	Sullivan/PA
ABR-201110005.R2	Brule	Elkland Township	Sullivan/PA
ABR-202005005	Cahill Realty Business Unit Pad	Overton Township	Bradford/PA
ABR-201202012.R1	Castle A Drilling Pad #1	Canton Township	Bradford/PA
ABR-201406008.R1	Clark Drilling Pad	Springville Township	Susquehanna/PA
ABR-20091214.R2	Clear Springs Dairy Drilling Pad #1	Burlington Township	Bradford/PA
ABR-201301003.R1	Cochran Drilling Pad	West Burlington Township	Bradford/PA
ABR-201905006	Corbett Unit Pad	Overton Township	Bradford/PA
ABR-201012034.R2	Curtin Drilling Pad #1	Albany Township	Bradford/PA
ABR-201406009.R1	Czop Drilling Pad	Fox Township	Sullivan/PA
ABR-201204004.R1	D & J Farms Drilling Pad #1	Sheshequin Township	Bradford/PA
ABR-201407013.R1	Dacheux B Drilling Pad	Cherry Township	Sullivan/PA
ABR-201101014.R2	Dacheux Drilling Pad #1	Cherry Township	Sullivan/PA
ABR-20100334.R2	Duane Jennings Drilling Pad #1	Granville Township	Bradford/PA
ABR-201109030.R1	Elliott B Drilling Pad #1	Monroe Township	Bradford/PA
ABR-20100136.R2	Elliott Drilling Pad #1H	Monroe Township	Bradford/PA
ABR-201207022.R1	G & S Big Rigger Drilling Pad	Cherry Township	Sullivan/PA
ABR-201102032.R2	Garrison Drilling Pad #1	Lemon Township	Wyoming/PA
ABR-201311010.R1	Garrison West Drilling Pad	Lemon Township	Wyoming/PA

Docket/ABR No.	Source/Pad Name	Municipality	County/State
ABR-201303003.R1	Hanlon	McNett Township	Lycoming/PA
ABR-20090515.R2	Harper Unit #1H	West Burlington Township	Bradford/PA
ABR-20090556.R2	Harris #1H	Burlington Township	Bradford/PA
ABR-201510006.R1	Hart North Drilling Pad	Elkland Township	Sullivan/PA
ABR-201212015.R1	Harvey Drilling Pad	Lemon Township	Wyoming/PA
ABR-201607001.R1	Hemlock Hunting Club B Drilling Pad #1	Elkland Township	Sullivan/PA
ABR-201009070.R2	Hemlock Hunting Club Drilling Pad #1	Elkland Township	Sullivan/PA
ABR-201902003	HEMLOCK RIDGE ESTATES PAD	McNett Township	Lycoming/PA
ABR-201404001.R1	Herbert Drilling Pad	Harford Township	Susquehanna/PA
ABR-201901002	HOFFMAN UNIT PAD	Overton Township	Bradford/PA
ABR-201008148.R2	Hottenstein	Forks Township	Sullivan/PA
ABR-201201040.R1	Hurley Drilling Pad #1	Cherry Township	Sullivan/PA
ABR-201404006.R1	I. Harvey Drilling Pad	Elkland Township	Sullivan/PA
ABR-201906004	IDC-INNES UNIT PAD	Fox Township	Sullivan/PA
ABR-201303001.R1	J. Brown Drilling Pad	Troy Township	Bradford/PA
ABR-201607002.R1	Jacobson Unit Pad	Franklin Township	Bradford/PA
ABR-20090516.R2	Jennings Unit #1H	West Burlington Township	Bradford/PA
ABR-201201001.R2	Kaufmann Drilling Pad #1	Wilmot Township	Bradford/PA
ABR-201109031.R2	Kerr B Drilling Pad #1	Lathrop Township	Susquehanna/PA
ABR-20100506.R2	Kerr Drilling Pad #1	Lathrop Township	Susquehanna/PA
ABR-201103040.R2	Kerrick Drilling Pad #1	Asylum Township	Bradford/PA
ABR-201205007.R1	King Drilling Pad #1	Towanda Township	Bradford/PA
ABR-201112009.R2	Kingsley B Drilling Pad #1	Monroe Township	Bradford/PA
ABR-20100336.R2	Kingsley Drilling Pad #1	Monroe Township	Bradford/PA
ABR-201311007.R1	Kupscznk B Drilling Pad	Springville Township	Susquehanna/PA
ABR-201311003.R1	Kupscznk D Drilling Pad	Springville Township	Susquehanna/PA
ABR-20100224.R2	Kupscznk Drilling Pad #1	Springville Township	Susquehanna/PA
ABR-201409004.R1	Kuziak B Drilling Pad	Elkland Township	Sullivan/PA
ABR-201107028.R2	Kuziak Drilling Pad #1	Fox Township	Sullivan/PA
ABR-201202014.R2	L & L Construction A Drilling Pad #1	Wilmot Township	Bradford/PA
ABR-201703008	L. KINGSLEY NORTH UNIT PAD	Overton Township	Bradford/PA
ABR-201309009.R1	Lathrop Farm Trust B Drilling Pad	Auburn Township	Susquehanna/PA
ABR-201302004.R1	Lathrop Farm Trust Drilling Pad	Auburn Township	Susquehanna/PA
ABR-201110004.R1	Laurel	Overton Township	Bradford/PA
ABR-201204002.R1	Leh Drilling Pad #1	Burlington Township	Bradford/PA
ABR-201303009.R1	Lightcap	Overton Township	Bradford/PA
ABR-201311001.R1	Loch Drilling Pad	Nicholson Township	Wyoming/PA
ABR-201112010.R1	Lucarino Drilling Pad #1	Wilmot Township	Bradford/PA
ABR-201011013.R2	M&M Estates	Fox Township	Sullivan/PA
ABR-201111016.R1	Madigan Farms A Drilling Pad #1	Burlington Township	Bradford/PA

Docket/ABR No.	Source/Pad Name	Municipality	County/State
ABR-201604001.R1	Martino Drilling Pad #1	Albany Township	Bradford/PA
ABR-20100676.R2	McCarty Drilling Pad #1	Elkland Township	Sullivan/PA
ABR-201210018.R1	Mehalick Drilling Pad	Cherry Township	Sullivan/PA
ABR-201202027.R1	Muzzy Drilling Pad #1	Ulster Township	Bradford/PA
ABR-201201039.R2	Myers Unit Drilling Pad #1	Burlington Township	Bradford/PA
ABR-201111031.R1	Nelson Drilling Pad #1	Forks Township	Sullivan/PA
ABR-202103005	NELSON UNIT PAD B	Forks Township	Sullivan/PA
ABR-201104015.R2	Noble Drilling Pad #1	Lathrop Township	Susquehanna/PA
ABR-201203026.R1	Ober Drilling Pad #1	Asylum Township	Bradford/PA
ABR-20100425.R2	Oliver Drilling Pad #1	Springville Township	Susquehanna/PA
ABR-201304019.R1	P. Cullen A Drilling Pad	Overton Township	Bradford/PA
ABR-201408006.R1	PA Woodlands Drilling Pad	Fox Township	Sullivan/PA
ABR-201207013.R1	Pa's Farm Family A Drilling Pad	Smithfield Township	Bradford/PA
ABR-202205001	PELTON UNIT PAD	Franklin Township	Bradford/PA
ABR-201409001.R1	Phelps B Drilling Pad	Lathrop Township	Susquehanna/PA
ABR-20090813.R2	Phelps Unit #1H	Lathrop Township	Susquehanna/PA
ABR-201103015.R2	PMG Annie Drilling Pad #1	Springville Township	Susquehanna/PA
ABR-201011068.R2	PMG God Drilling Pad #1	Asylum Township	Bradford/PA
ABR-201104025.R2	Polovitch West Drilling Pad #1	Nicholson Township	Wyoming/PA
ABR-201205008.R1	Polowy Drilling Pad #1	Ulster Township	Bradford/PA
ABR-201207003.R1	Postell A Drilling Pad	Franklin Township	Bradford/PA
ABR-201203014.R1	R&N	Cherry Township	Sullivan/PA
ABR-201703005.R1	Raimo Unit Pad	Overton Township	Bradford/PA
ABR-201407014.R1	Reibson Drilling Pad	Elkland Township	Sullivan/PA
ABR-201401006.R1	Rogers Drilling Pad	Lenox Township	Susquehanna/PA
ABR-201209021.R1	Romisoukas Drilling Pad	Canton Township	Bradford/PA
ABR-201305008.R1	Runabuck Drilling Pad	Elkland Township	Sullivan/PA
ABR-201411001.R1	S.A. Wilson Drilling Pad	Overton Township	Bradford/PA
ABR-201108018.R2	Savage Drilling Pad #1	Elkland Township	Sullivan/PA
ABR-20100337.R2	Sechrist Drilling Pad #1	Canton Township	Bradford/PA
ABR-20100547.R2	Severcool Drilling Pad #1	Forkston Township	Wyoming/PA
ABR-201703004	SGL 12 C DRILLING PAD	Leroy Township	Bradford/PA
ABR-201704002	SGL 12 D DRILLING PAD	Leroy Township	Bradford/PA
ABR-201706005	SGL 12 HARDY DRILLING PAD	Overton Township	Bradford/PA
ABR-201702004	SGL 12 K UNIT PAD	Leroy Township	Bradford/PA
ABR-201802002	SGL 12 M NORTH DRILLING PAD	Leroy Township	Bradford/PA
ABR-201801001	SGL 12 N WEST DRILLING PAD	Leroy Township	Bradford/PA
ABR-201906002	SGL 12 O PAD	Franklin Township	Bradford/PA
ABR-201803007	SGL 36 DRILLING PAD	Overton Township	Bradford/PA
ABR-201407007.R1	SGL-12 A Drilling Pad	Overton Township	Bradford/PA

Docket/ABR No.	Source/Pad Name	Municipality	County/State
ABR-201410005.R1	SGL-12 B Drilling Pad	Overton Township	Bradford/PA
ABR-202003001	SGL-12 HARDY EAST UNIT PAD	Overton Township	Bradford/PA
ABR-202204001	SGL-12 J UNIT PAD	Leroy Township	Bradford/PA
ABR-202010001	SGL-12 L SOUTH UNIT PAD	Leroy Township	Bradford/PA
ABR-202105002	SGL-12 M NORTH UNIT PAD B	Leroy Township	Bradford/PA
ABR-202007001	SGL-12 P UNIT PAD	Franklin Township	Bradford/PA
ABR-20100697.R2	Signore Drilling Pad #1	Elkland Township	Sullivan/PA
ABR-201211004.R1	Slattery	Cherry Township	Sullivan/PA
ABR-201306010.R1	Spencer Drilling Pad	Lenox Township	Susquehanna/PA
ABR-201110007.R2	Squier B Drilling Pad #1	Springville Township	Susquehanna/PA
ABR-201007008.R2	Squier Drilling Pad #1	Springville Township	Susquehanna/PA
ABR-201203025.R2	Stasiak Drilling Pad #1	Pike Township	Bradford/PA
ABR-20100228.R2	Stone Drilling Pad #1	Springville Township	Susquehanna/PA
ABR-201210006.R1	T. Brown Drilling Pad	Lemon Township	Wyoming/PA
ABR-201208024.R1	Tague East Drilling Pad	Lemon Township	Wyoming/PA
ABR-201210012.R1	Tague West Drilling Pad	Lemon Township	Wyoming/PA
ABR-201104024.R2	Taylor Drilling Pad #1	Lenox Township	Susquehanna/PA
ABR-201703003	Taylor Drilling Pad B	Lenox Township	Susquehanna/PA
ABR-20091115.R2	Teel Unit #1H	Springville Township	Susquehanna/PA
ABR-20091204.R2	Teel Unit Drilling Pad #2H	Springville Township	Susquehanna/PA
ABR-20091205.R2	Teel Unit Drilling Pad #3H	Springville Township	Susquehanna/PA
ABR-201210013.R1	Teeter Drilling Pad	Smithfield Township	Bradford/PA
ABR-201103014.R2	W & L Wilson Drilling Pad #1	Lemon Township	Wyoming/PA
ABR-20100699.R2	Waldeisen-Ladd Drilling Pad	Fox Township	Sullivan/PA
ABR-20100135.R2	Walters Unit #1H	West Burlington Township	Bradford/PA
ABR-201201033.R1	Warburton	Forks Township	Sullivan/PA
ABR-201510003.R1	Warburton North Drilling Pad	Forks Township	Sullivan/PA
ABR-201406005.R1	Wissler Drilling Pad	McNett Township	Lycoming/PA
ABR-201202004.R2	Wright A Drilling Pad #1	Canton Township	Bradford/PA
ABR-201204003.R1	Yanavitch Drilling Pad #1	Stevens Township	Bradford/PA
ABR-201201003.R1	Yoder Drilling Pad #1	Leroy Township	Bradford/PA
ABR-201607003.R1	Yonkin B Drilling Pad	Cherry Township	Sullivan/PA
ABR-201109020.R2	Yonkin Drilling Pad #1	Cherry Township	Sullivan/PA
20190903	Loyalsock Creek	Forksville Borough	Sullivan/PA
20170905	Towanda Creek	Leroy Township	Bradford/PA



SUSQUEHANNA RIVER BASIN COMMISSION

4423 North Front Street • Harrisburg, Pennsylvania 17110-1788

(717) 238-0423 Phone • (717) 238-2436 Fax

www.srbc.net

Docket No. 20170905

Approval Date: September 7, 2017

CHIEF OIL & GAS LLC

**Surface Water Withdrawal (Peak Day), Variable, of up to 1.500 mgd
from Towanda Creek**

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

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:	Chief Oil & Gas LLC
Approval Type:	Surface Water Withdrawal
Authorized Water Use Purpose:	Hydrocarbon Development and Related Incidental Uses
Municipality:	Leroy Township
County:	Bradford 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:	Towanda Creek
Subbasin:	Middle Susquehanna
Watershed Boundary Dataset (WBD):	0205010603 (Towanda Creek)
Water Use Designation:	Trout Stocked Fishery (TSF)
Withdrawal Location (degrees):	Lat: 41.668169 N Long: 76.723569 W
Site Flow Statistics (cfs):	Q7-10 = 0.82; Average Daily Flow = 85.9
Drainage Area (square miles):	63.4
Aquatic Resource Class*:	3
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):	Not to Exceed Values Contained in the “Withdrawal and Passby Schedule,” When Available			
Maximum Instantaneous Withdrawal Rate (gpm):	Not to Exceed Values Contained in the “Withdrawal and Passby Schedule,” When Available			
Flow Protection Type:	Seasonal passby expressed as monthly values			
Method for Monitoring Flow Protection:	Off-site monitoring of USGS Real-Time Gage 01531908; Towanda Creek near Franklindale, Pennsylvania			
Withdrawal and Passby Schedule:				
<i>Month</i>	<i>Peak Day Withdrawal (mgd)</i>	<i>Maximum Instantaneous Withdrawal (gpm)</i>	<i>On-Site Flow Protection Rate (cfs)</i>	<i>Off-Site Monitoring Threshold for Flow Protection (cfs)*</i>
January	1.500	1,175	21	39
February	1.500	1,175	22	41
March	1.500	1,175	49	89
April	1.500	1,175	57	104
May	1.500	1,175	31	56
June	1.500	1,175	11	21
July	0.720	500	4.4	8.7
August	0.432	300	2.7	5.3
September	0.432	300	2.6	5.1

Approved Withdrawal Quantities and Limitations (continued)				
Withdrawal and Passby Schedule:				
<i>Month</i>	<i>Peak Day Withdrawal (mgd)</i>	<i>Maximum Instantaneous Withdrawal (gpm)</i>	<i>On-Site Flow Protection Rate (cfs)</i>	<i>Off-Site Monitoring Threshold for Flow Protection (cfs)*</i>
October	0.720	500	4.4	8.7
November	1.500	1,175	14	27
December	1.500	1,175	23	43
mgd – million gallons per day		USGS – U.S. Geological Survey		
1 cfs = 448.8 gallons per minute (gpm)		* Flow Protection Threshold		

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 Commission Regulation 18 CFR § 806.30. Modifications shall not be made until the project sponsor receives written approval of the amended plan.

3. Prior to any withdrawal from the source listed in Section 3, the project sponsor shall install and maintain metering on the withdrawal in accordance with Commission Regulation 18 CFR § 806.30. The project sponsor shall notify the Commission, in writing, and submit photographs of the meter when it has been installed, provide the serial number of the meter, and certify the accuracy of the measuring device to within five (5) percent of actual flow. Withdrawals shall not commence until Commission staff has approved the implementation of the approved metering plan and notified the project sponsor of such approval.

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 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, and shall obtain necessary general or individual permits from the jurisdictional permitting agency prior to use of the intake. The project sponsor shall provide the Commission with a copy of the permit prior to operating the withdrawal. If subsequent design review by the permitting agency requires modification to the intake design, the project sponsor shall submit to the Commission a revised intake design for review and, if appropriate, approval by Commission staff prior to permit issuance by the permitting agency. Thereafter, 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 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. Prior to initiation of the withdrawal, the project sponsor shall post a 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 sign installation prior to initiation of the withdrawal.

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. In accordance with Commission Regulation 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 Commission Regulation 18 CFR § 806.30(a)(1) within five (5) days after any such loss.

10. In accordance with Commission Regulation 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.

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

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

13. 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.

14. 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.

15. 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.

16. 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.

17. 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.

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

19. 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

20. 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.

21. 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.

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 this approval pursuant to Commission Regulation 18 CFR § 806.22(f)(12).

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 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.

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. The project sponsor has a period of three (3) years from the date of this approval to commence the withdrawal or this approval will automatically expire, unless an extension is requested, in writing, by the project sponsor no later than one hundred twenty (120) days prior to such expiration and approved by the Commission as provided in Commission Regulation 18 CFR § 806.31(b). 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.

27. This approval is effective until September 6, 2022. As specified in Commission Regulation 18 CFR § 806.31(e), if the project sponsor submits an application on or before March 6, 2022, 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.

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 September 7, 2017.

Dated: September 8, 2017


Stephanie L. Richardson