



SUSQUEHANNA RIVER BASIN COMMISSION

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Web <http://www.srbc.net>

NOTICE OF INTENT FOR APPROVAL BY RULE Pursuant to 18 CFR Section 806.22(e) for Gas Wells in Marcellus Shale and Similar Formations

Note: This application is for consumptive water use purchased from an approved public water supplier for a project comprised of a single well or multiple wells from a **single drilling pad**.

1. Project Sponsor Information*:

Company Name: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Contact Person: _____ Title: _____

Telephone: (____) _____ Fax: (____) _____

Mobile: (____) _____ E-mail: _____

*The project sponsor submitting this Notice of Intent must be the same as the project applicant for the well drilling permit as issued by the state.

Attachment 1 – Susquehanna River Basin Commission (SRBC) Project Information form (SRBC #72).

2. Proposed Consumptive Use Type(s): (check all that apply)

Well Drilling Dust Control Hydrofracture Stimulation Hydrostatic Testing

Maximum Daily Consumptive Water Use Requested: _____ million gallons per day (mgd)

(This is the maximum amount that will be consumptively used in any 24-hour period, not the amount that will be transported to the drilling pad and placed in storage.)

3. Project Description: SRBC regulations define consumptive water use as follows:

The loss of water transferred through a manmade conveyance system or any integral part thereof (including such water that is purveyed through a public water supply system), due to transpiration by vegetation, incorporation into products during their manufacture, evaporation, injection of water or wastewater into a subsurface formation from which it would not reasonably be available for future use in the basin, diversion from the basin, or any other process by which the water is not returned to the waters of the basin undiminished in quantity.

For purposes of SRBC regulation, please note that a gas well development project is considered to include the drilling of well(s) and all facilities and activities related to the development of such well(s) for the production of natural gas. Spatially, the project is considered to include the area leased by a company for gas exploration and

extraction that can be geographically separated from other holdings from the same company either intended for the same or other purposes. For purposes of the Approval by Rule, each drill pad will require a separate application and approval. It is anticipated that these approvals will be issued for a duration not to exceed eighteen (18) months.

Describe below the planned activities and facilities related for the drill pad, including anticipated dates of initiation and completion.

4. Location:

Municipality: _____ County: _____ State: _____

Pad ID: _____ Latitude **N** __° __' ____" Longitude **W** __° __' ____"

Well Identification	Well Type (horizontal/vertical)	Expected SPUD Date	Expected Completion Date	API Number

Attachment 2 – Copy(ies) of state permits or approvals for well drilling, if already issued. If not issued, draft copy of application and anticipated submittal date.

Attachment 3 – Topographic map showing drill pad location.

5. Public Water Supply Information: SRBC regulations define public water supply as follows:

A system, including facilities for collection, treatment, storage and distribution, that provides water to the public for human consumption, that: (1) Serves at least 15 service connections used by year-round residents of the area served by the system; or (2) Regularly serves at least 25 year-round residents.

System 1: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Contact Person: _____ Title: _____

Telephone: (____) _____ Fax: (____) _____ E-mail: _____

Permitted System Capacity: _____ mgd Current Average System Demand: _____ mgd Historical Peak System Demand: _____ mgd

Type of Water Being Supplied: Raw Water Finished (Treated) Water

Anticipated Maximum Daily Amount: _____ gallons per day (gpd) transported from the public water supplier

State Permit Number(s): _____

SRBC Docket Number(s) (if applicable): _____

Description of Public Water Supply Connection:

Location: _____

Latitude **N** __° __' _____" Longitude **W** __° __' _____"

Type: Hydrant Standpipe Other _____

(Water withdrawal must be made through a manmade conveyance owned by the public water supply.)

Metered by: Water Supplier Project Sponsor Other _____

Meter Make: _____ Model: _____ Serial #: _____

System 2: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Contact Person: _____ Title: _____

Telephone: (____) _____ Fax: (____) _____ E-mail: _____

Permitted System Capacity: _____ mgd Current Average System Demand: _____ mgd Historical Peak System Demand: _____ mgd

Type of Water Being Supplied: Raw Water Finished (Treated) Water

Anticipated Maximum Daily Amount: _____ gpd transported from the public water supplier

State Permit Number(s): _____

SRBC Docket Number(s) (if applicable): _____

Description of Public Water Supply Connection:

Location: _____

Latitude **N** __° __' _____" Longitude **W** __° __' _____"

Type: Hydrant Standpipe Other _____

(Water withdrawal must be made through a manmade conveyance owned by the public water supply.)

Metered by: Water Supplier Project Sponsor Other _____

Meter Make: _____ Model: _____ Serial #: _____

System 3: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Contact Person: _____ Title: _____

Telephone: (____) _____ Fax: (____) _____ E-mail: _____

Permitted System Capacity: _____ mgd Current Average System Demand: _____ mgd Historical Peak System Demand: _____ mgd

Type of Water Being Supplied: Raw Water Finished (Treated) Water

Anticipated Maximum Daily Amount: _____ gpd transported from the public water supplier

State Permit Number(s): _____

SRBC Docket Number(s) (if applicable): _____

Description of Public Water Supply Connection:

Location: _____

Latitude **N** __° __' ____" Longitude **W** __° __' ____"

Type: Hydrant Standpipe Other _____

(Water withdrawal must be made through a manmade conveyance owned by the public water supply.)

Metered by: Water Supplier Project Sponsor Other _____

Meter Make: _____ Model: _____ Serial #: _____

Attachment 4 – Letter(s) or agreement(s) from each public water supplier indicating that it has capacity to serve the project’s requested quantity and that it intends to provide water.

6. Water Handling:

Method of Water Delivery to the Drilling Pad: Bulk Hauling Pipeline

On-Site Storage (in gallons):

Frac Tank (capacity: _____ and total number: _____)

Engineered Impoundment(s) (dimensions/capacity: _____)

Both (total capacity: _____)

Duration of Use: Expected Start Date for Water Delivery: _____ Expected End Date for Water Delivery: _____

7. Consumptive Use Monitoring, Recordkeeping, and Reporting (including type of meters): The project sponsor shall comply with metering, monitoring, and quarterly reporting as specified in 18 CFR Sections 806.22 and 806.30, as follows:

Metering:

- a. Measure and record on a daily basis, the quantity of all water withdrawn from the Public Water Supply system using meters approved by SRBC.
- b. Certify at the time of installation the accuracy of all meters to within five (5) percent of actual flow.
- c. Maintain metering to provide a continuous, accurate record of the withdrawal.

Reporting: Project sponsors shall report:

- a. The daily metered consumptive water use as measured by the meter installed on the Public Water Supply system withdrawal quarterly, and as otherwise required. Quarterly monitoring reports shall be submitted on-line and are due within thirty (30) days after the close of the preceding quarter.
- b. Project sponsors shall report to the SRBC with fourteen (14) days following well drilling completion, hydrofracture stimulation, or hydrostatic testing (if applicable):
 - (1) Total amount of water used for well drilling activities by well;
 - (2) Total amount of water used for well hydrofracture stimulation by well;
 - (3) Total amount of water used for hydrostatic testing;
 - (4) Total amount of water used for dust control for the drill pad site; and
 - (5) The maximum amount of water used in any 24-hour period for each of the above activities.
- c. Violations of consumptive use limits or any conditions of approval within five (5) days of such violation.
- d. Gas well application approvals granted by the state environmental agency associated with well pad identified in Section 4 of this application within seven (7) days following receipt of the approval.
- e. Copies of impoundment approvals, if required under state regulations.

8. Consumptive Use Mitigation: In accordance with 18 CFR Section 806.22(e)(4), project sponsors shall select one of the two following options as mitigation for consumptive use.

- The project sponsor agrees to exclusively use, as a source of consumptive use water, surface storage that is subject to maintenance of a conservation release acceptable to SRBC in accordance with 18 CFR Section 806.22(b)(2). *(Limited applicability – additional information will need to be submitted and reviewed; please contact SRBC staff.)*
- The project sponsor agrees to comply with the SRBC consumptive use mitigation requirements by payment of the consumptive use fee in accordance with 18 CFR Section 806.22(b)(3), based on the rate of \$0.14 per 1,000 gallons of the water consumptively used by the project. The rate of payment, after appropriate notice to consumptive users of water using this method of compliance, is subject to change at the SRBC’s discretion.

9. Application Fee: Project sponsor shall make payment of a nonrefundable project review fee in accordance with the Project Fee Schedule in effect as excerpted below.

Effective January 1, 2008 to December 31, 2008:

<u>Requested Quantity</u>	<u>Application Fee (Approval by Rule)</u>
<input type="checkbox"/> 20,000 gpd – 99,999 gpd	\$ 975
<input type="checkbox"/> 100,000 gpd – 499,999 gpd	\$ 1,950
<input type="checkbox"/> 500,000 gpd – 999,999 gpd	\$ 3,895
<input type="checkbox"/> 1.000 mgd – 5.000 mgd	\$11,690
<input type="checkbox"/> Over 5.000 mgd	\$19,485

Attachment 5 – Application fee.

10. Notices: As required by 18 CFR Section 806.22(e)(1), the project sponsor shall submit a copy of this Notice of Intent to the appropriate agencies of the member state and to each municipality and county in which the project is located:

- a. _____
(state gas well permitting office)
- b. _____
(state public water supply office)
- c. _____
(county)
- d. _____
(municipality)

11. Publication of Notice: Project sponsor shall within ten (10) days after submittal of the Notice of Intent submit to the SRBC proof of publication in a newspaper of general circulation in the location of the project that contains a sufficient description of the project, its purpose, and its location. The Notice of Intent shall also contain the SRBC's address, electronic mail address (pballaron@srbc.net), and telephone number (717-238-0423).

- a. _____ (newspaper name)
- b. _____ (expected publication date)

Attachment 6 – Proof of submission of notices.

12. Required Attachments:

- Project Information form.
- Copies of state permits or approvals for well drilling, or draft copy and anticipated submittal date.
- Map showing location of drilling pad and withdrawal point from public water supplier.
- Public water supplier letter or agreement.
- Application fee.
- Proof of submission of notices.
- Proof of publication for newspaper notice (to follow when available).

13. Name and Signature of Project Sponsor:

The undersigned representative of the project sponsor certifies, under penalty of law (or perjury), as provided by 18 Pa. C. S. §4904, Section 210.45, of the New York Penal Law, Section 9-101 Maryland Crimes Code and 28 U.S.C. §1746, and attests that the information contained herein and all information accompanying this application is true and correct, and they are authorized to act as representatives of the project sponsor.

Project Sponsor Representative: _____ Date: _____

Signature: _____

Title: _____

Company: _____