



Susquehanna River Basin Commission

a water management agency serving the Susquehanna River Watershed

Groundwater Withdrawal Instructions and Application

Who Must Submit an Application:

An application must be submitted by anyone proposing :

- A new withdrawal from a single well or well field in excess of 100,000 gallons per day (gpd).
- A new well(s) or an increased withdrawal for a project that has an SRBC approved groundwater withdrawal, regardless of the quantity of the proposed increase or the withdrawal from the new well(s).
- An increase in any groundwater withdrawal initiated prior to July 13, 1978, by 100,000 gpd or more.
- An increase in any groundwater withdrawal initiated on or after July 13, 1978, to 100,000 gpd or more.

NOTE: All quantities are 30-day averages.

Check List of Items to Accompany Application:

- ___ 1. All appropriate attachments:
 - a. Public water suppliers must complete the attached Public Water Supply Information, SRBC #24P, and
 - b. All other users except agriculture must complete the attached Consumptive Use Application, SRBC #24C.
- ___ 2. Copy of USGS 7 1/2' quadrangle map showing project location. Proposed and nearby wells must be identified on the map.
- ___ 3. Well Record - Proposed Well(s). (See application section 8.)
- ___ 4. Well Record - Existing Nearby Well(s). (See application section 9.)
- ___ 5. Copy of pumping test data sheets, etc.

NOTE: Review and approval by the Susquehanna River Basin Commission of the test procedures to be used by the applicant are necessary before the test is started.
- ___ 6. Copy of chemical analysis. Public water suppliers should submit a copy of the analysis required by the respective state for new sources. Other users must provide the analyses listed on Chemical Analysis of Groundwater, SRBC #24A.
- ___ 7. The application must be signed by the preparer and the applicant.
- ___ 8. Submit the appropriate application fee based on Fee Resolution 98-19 (available on our web site). If you also are submitting a consumptive use application, submit the higher fee.

Notification Material:

Please submit the appropriate notification material, as required by Section 803.25 of our *Regulations and Procedures for Review of Projects* (all of which are available on our web site), within 10 days of application submittal.

Where to File Application:

Project Review Coordinator
Susquehanna River Basin Commission
4423 North Front Street
Harrisburg, PA 17110-1788

If you need assistance, contact the Susquehanna River Basin Commission (717) 238-0423, fax (717) 238-2436, or via e-mail addressed to srbc@srbc.net.



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Groundwater Withdrawal Application

1. Applicant Information:

Company Name _____
Mailing Address _____

City _____ State _____ Zip _____
Contact Person _____ Title _____
Telephone (____) _____ Fax (____) _____ E-mail _____

2. a. Location of proposed well(s):

State _____ County _____
Municipality _____

b. You must attach a copy of a USGS 7 1/2 Minute Quadrangle map indicating location of proposed well(s), all existing project wells, and any nearby wells.

3. Purpose of proposed withdrawal(s): _____

4. Requested withdrawal from proposed well(s) based on a 30-day average and maximum instantaneous withdrawal rate (MIWR):

	<u>30-Day Average</u>	<u>MIWR</u>
Well Number _____	- _____ mgd	- _____ gpm
Well Number _____	- _____ mgd	- _____ gpm
Well Number _____	- _____ mgd	- _____ gpm
Well Number _____	- _____ mgd	- _____ gpm

mgd = million gallons per day
gpm = gallons per minute

5. Total combined withdrawal from proposed well(s) _____ mgd (based on a 30-day average).

b. Other sources of water (stream intakes, interconnections, reservoirs, springs, etc.):

Name	Description	Average Daily Withdrawal (mgd)	Number Days Used During Calendar Year	Safe Yield (mgd)	Metered (yes/no)

8. Well record (proposed well(s)):

Well No. _____ Geologic Formation _____
 Date Drilled _____ Well Driller _____
 Depth Drilled _____ ft Diameter _____ in
 Casing: Min. Diameter _____ in Max. Length _____ ft
 Well Screen: Type _____ Diameter _____ in
 Top of Screen _____ ft Bottom of Screen _____ ft
 Well Yield _____ gpm Specific Capacity _____ gpm/ft
 Permanent Pump: Type _____
 Capacity _____ gpm Intake Setting _____ ft
 Air Line Depth _____ ft Type of Metering _____

Well No. _____ Geologic Formation _____
 Date Drilled _____ Well Driller _____
 Depth Drilled _____ ft. Diameter _____ in
 Casing: Min. Diameter _____ in Max. Length _____ ft
 Well Screen: Type _____ Diameter _____ in
 Top of Screen _____ ft Bottom of Screen _____ ft
 Well Yield _____ gpm Specific Capacity _____ gpm/ft
 Permanent Pump: Type _____
 Capacity _____ gpm Intake Setting _____ ft
 Air Line Depth _____ ft Type of Metering _____

Attach copies of this page as needed.

9. Existing nearby wells:

Attach map identifying all nearby wells owned by others that could be affected by pumpage of the proposed well(s) and complete items below for each well.

Existing nearby wells:

Owner _____ Phone _____
Address _____
Well No. _____ Well Use _____
Date Drilled _____ Well Driller _____
Well Depth _____ ft Estimated Yield _____ gpm
Depth to Water-Bearing Zone(s) _____ ft Screened Interval _____ ft to _____ ft
Pump Type _____ Pump Intake Setting _____ ft
Distance from Proposed Well(s) _____ ft

Owner _____ Phone _____
Address _____
Well No. _____ Well Use _____
Date Drilled _____ Well Driller _____
Well Depth _____ ft Estimated Yield _____ gpm
Depth to Water-Bearing Zone(s) _____ ft Screened
Interval _____ ft to _____ ft
Pump Type _____ Pump Intake Setting _____ ft
Distance from Proposed Well(s) _____ ft

Attach copies of this page as needed.

10. Driller's log:

Attach separate sheet describing the nature and depth interval of subsurface materials and water-bearing zones penetrated during drilling of each proposed well.

11. Pumping test:

NOTE: Review and approval by the Susquehanna River Basin Commission of the test procedures to be used by the applicant are necessary before the test is started.

Attach copies of basic data sheets and any resultant water level charts, tables, graphs, etc., for the pumped well, monitoring wells, and nearby perennial stream sites. The pumping test shall be of not less than 48 hours pumping duration and at a constant withdrawal rate not less than the proposed rate. A step-drawdown pumping test may precede the 48-hour test, however, water levels should be allowed to essentially recover prior to the constant-rate test. The following information from the test is generally required:

- a. Date and time of all static, pumping, and recovery water level measurements.
- b. Record of pumping rate measured frequently throughout the test.

- c. Sufficient static water level measurements in all wells to determine any trends in water level changes prior to the beginning of pumping. All water levels are to be measured to an accuracy of one-tenth of a foot.
- d. Pumping and recovery measurements from the pumped well.
- e. Monitoring data from a sufficient number of wells to determine all possible interference.
- f. Records of precipitation, measurements or observations of nearby streamflows, and weather conditions throughout the test.

12. Preparer:

Name _____

Title _____

Company _____

Address _____

Phone (____) _____ Fax (____) _____

Signature _____

Date _____ E-mail Address _____

13. Applicant:

Name (print or type) _____ Title _____

Signature _____ Date _____