



Susquehanna River Basin Commission

a water management agency serving the Susquehanna River Watershed

Surface Water Withdrawal Instructions and Application

Who Must Submit an Application:

An application must be submitted by anyone proposing :

- ➔ A new withdrawal from a surface source(s) in excess of 100,000 gallons per day (gpd).
 - ➔ A new surface withdrawal or an increased withdrawal for a project that has an SRBC approved surface water withdrawal, regardless of the quantity of the proposed increase or the proposed withdrawal from the new source.
 - ➔ An increase in any surface water withdrawal initiated prior to November 11, 1995, by 100,000 gpd or more.
 - ➔ An increase in any surface water withdrawal initiated on or after November 11, 1995, to 100,000 gpd or more.
- NOTE: All quantities are 30-day averages. Surface water sources include stream and river intakes, reservoirs, lakes, and springs.**

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 water 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 intakes, existing sources and any water storage facilities must be identified on the map.
- ___ 3. Attach sheets showing method of safe yield computations, present and future use, and alternate sources of supply considered. (See application Sections 4, 6, and 8.)
- ___ 4. The application must be signed by the preparer and the applicant
- ___ 5. Submit the appropriate application fee based on Fee Resolution 98-19 (available on our web site). If you also have 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 the application submittal.

Where to File Application:

Project Review Coordinator
Susquehanna River Basin Commission
1721 N. Front Street
Harrisburg, PA 17102-2391

If you need assistance, contact the Susquehanna River Basin Commission, Water Management Division at (717) 238-0425, fax (717) 238-2436, or via e-mail addressed to srbc@srbc.net.



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Surface Water Withdrawal Application

1. Applicant information:

Name _____

Mailing Address _____

Contact Person _____ Title _____
Telephone (____) _____ Fax (____) _____
E-mail Address _____

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

State _____ County _____
Municipality _____

b. You must attach a copy of a USGS 7 1/2 Minute Quadrangle map indicating location of proposed intake(s), all existing project sources, and any water storage facilities.

3. Purpose of proposed withdrawal(s): _____

Provide method of computation for the safe yield estimates of all sources of water supply or submit copies of flow or pumping test data. (See Application Sections 4 and 8.) Use the 7-day, 10-year low flow as the safe yield for all run-of-stream sources and sources with limited storage. Whenever an intake is located on an ungaged stream, the applicant must use an acceptable method for computing the safe yield, such as selecting a reference U.S. Geological Survey gaging station and proportioning the yield based on drainage area. The selected gaging station must be on a watershed having similar geologic and climatic characteristics to those of the ungaged watershed. Other factors to consider are relative size of drainage areas and whether the reference gaging station is influenced by upstream reservoirs or other flow regulation activities. Up-to-date low flow data for specific gaged watersheds may be obtained from the U.S. Geological Survey district offices. Actual flow data collected at the project intake may be used to supplement the use of a reference gaging station. Any data provided should indicate the method used to measure the flow (current meter, weir, etc.), the dates of observation and the flow observed. In application Section 6, show calculation for determining the quantity of withdrawal requested for present and future use (over the next 25 years). Describe alternate sources of supply considered in lieu of requesting a new or increased withdrawal for the sources listed in Application Section 4.

4. Source(s) from which withdrawal is being requested:

Name of Source	Quantity of Withdrawal Requested		Safe Yield ² (mgd ¹)	Drainage Area (square miles)	Location of Taking Point (latitude/longitude)
	Maximum 30-Day Average (mgd ¹)	Maximum Day (mgd ¹)			
Total					

¹ mgd = million gallons per day

² Use 7-day, 10-year low flow for safe yield of run-of-stream sources.

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5. Prior or pending state or federal permits:

Permit Name	Status ¹	Agency	Permit Issue Date	Permit Number
Safe Drinking Water Permit				
Dams Permit				
Encroachment or Water Obstruction Permit				
Water Allocation/Appropriation Permit				
Other (Please Specify)				
Other (Please Specify)				

¹ If not applicable list (NA); if pending, (P); if required but not applied for, (R)

6. Show by calculation how the “Quantity of Withdrawal Requested” was determined. (See Application Section 4.) Describe how sufficient this allocation will be in meeting the future needs of this project. Describe alternative sources of supply considered in lieu of requesting a new or increased allocation from the sources listed in Application Section 4. (Attach additional sheets, as necessary.)

7. Existing and projected total water use:

Total Project Water Usage ¹	Existing (mgd) ²	Projected (mgd) ³ for Design Year _____
Average Daily Water Demand		
Maximum Daily Water Demand		
System Capacity ⁴		

Explanation

¹ Project water usage should be on an annual basis, unless the application is for a seasonal operation. For seasonal uses, indicate the duration of the use (the number of months on which the average is based).

² For new projects, the existing use should be the proposed use during the first year of operation.

³ The projected use should be for 25 years in the future (design year). If the project duration is less than 25 years, indicate the year for which projections were made.

⁴ The existing system capacity should not include the proposed sources unless the application is for a new project having no prior withdrawal.

8. Existing sources of water:

a. Wells

Well Identification	Frequency of Use ¹	Purpose ²	Well Depth (ft)	Cased Depth (ft)	Screened Interval (ft to ft)	Existing Pump Capacity (mgd)	Number of Days Used During Calendar Year	Metered (yes/no)	Average Daily Withdrawal (mgd)	Safe Yield ³
Total										

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¹ Indicate if well is used on Regular (R), Auxiliary (A), or Emergency (E) basis.
² Indicate purpose such as potable supply, non-contact cooling, or water quality remediation.
³ Provide method of computation or submit copies of pumping test data.

8. Existing sources of water—Continued

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

Name	Description	Frequency of Use ¹	Purpose ²	Drainage Area, If Applicable (square miles)	Existing Pump Capacity ³ (mgd)	Number of Days Used During Calendar Year	Metered (yes/no)	Average Daily Withdrawal (mgd)	Safe Yield ⁴ (mgd)
Total									

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¹ Indicate if source is used on Regular (R), Auxiliary (A), or Emergency (E) basis .

² Indicate purpose such as potable supply, process water, non-contact cooling, or irrigation.

³ If gravity-fed, give maximum hydraulic capacity and label as such.

⁴ Use 7-day, 10-year low flow for safe yield of run-of-stream sources. Provide method of computation or submit copies of test data.

9. Raw water ponds, lakes, intake dams, and storage dams (existing and/or proposed):

Name	Year Constructed	Year of Last Sedimentation Survey	Storage Capacity (mg)	Surface Area (acres)	Drainage Area (sq mi)	Release Works ¹	
						(yes)	(no)

¹ Does the dam have facilities to provide a release of water to the stream when water is not flowing over the spillway or top of dam? If yes, describe length, diameter, depth, valving, etc.

10. Preparer:

Name _____

Title _____

Company _____

Address _____

Phone (____) _____ Fax (____) _____

Signature _____

Date _____ E-mail Address _____

11. Applicant:

Name (print or type) _____ Title _____

Signature _____ Date _____