

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
MAIL CODE 401-03
DIVISION OF WATER SUPPLY & GEOSCIENCE
BUREAU OF WATER ALLOCATION & WELL PERMITTING
P.O. BOX 420
TRENTON, NEW JERSEY 08625-0420
(609) 984-6831



WATER ALLOCATION PERMIT APPLICATION
RENEWALS

PLEASE READ THE INSTRUCTIONS BEFORE COMPLETING THIS APPLICATION FORM.
Provide all requested information, as applicable.

A. LOCATION AND PROPERTY INFORMATION

The Department is now maintaining a single database of regulated sites. The following information will prevent unnecessary duplication of data.

1. ACTUAL DIVERSION LOCATION

Name of Facility Application is for (For facilities pending or under construction, please use the proposed facility name)

Street Address/Location (or nearest cross streets if no address is available; P.O. Boxes are not acceptable)

City or Town _____ State _____ Zip Code _____ + _____

Municipality _____ Does the Facility span multiple municipalities? Yes No

County _____ Does the Facility span multiple counties? Yes No

2. PROPERTY/LAND OWNERS(S) INFORMATION

Name _____ Telephone () _____

Mailing Address _____

City or Town _____ State _____ Zip Code _____ + _____

Organization Type: Authority/District/Commission Municipal County State
(Check one) Commercial/Industry Individually Owned Utility Corporation
 Investor (Non-BPU) Investor (BPU) Other _____

3. APPLICANT/OPERATING ENTITY(IES)

Name _____ Telephone () _____

Mailing Address _____

City or Town _____ State _____ Zip Code _____ + _____

Fax () _____ E-Mail address _____

CONTACT INFORMATION

Application Contact (contact at the above address for all application matters):

If an agent has been authorized under the certification section of the application to act as the agent/representative in all matters pertaining to the application, please check here:

If an agent has not been authorized, provide an Application Contact:

Name _____ Telephone () _____

Report Form Recipient/Permit Contact (contact at the above address for permit information and monitoring reports):

Name _____ Telephone () _____

Title _____ Department _____

4. RESPONSIBLE ENTITY/ORGANIZATION

If the responsible organization is the Applicant located in No. 3 above, check here:

If the responsible organization is different from the Applicant in No. 3 above, complete the following:

Organization Name _____ Telephone () _____

Mailing Address _____

City or Town _____ State _____ Zip Code _____ + _____

Fax () _____ E-Mail _____

Organization Type: Authority/District/Commission Municipal County State
 (Check one) Commercial/Industry Individually Owned Utility Corporation
 Investor (Non-BPU) Investor (BPU) Other _____

5. BILLING CONTACT

Billing should go to mailing address of:

Responsible Entity/Organization address in No. 4 Applicant/Operating Entities address in No. 3

Name _____ Telephone () _____

6. OTHER PERMITS/AGENCIES

Provide the following for any other state, local or federal permit that has been applied for in relation to this project.

Permit Type	Application No./ Permit No./Relevant DEP No.	Application Date	Application Status
● Water Quality Management Plan Amendment			
● Safe Drinking Water System/Potable Water Supply Well or Intake			
● Hazardous Waste Management Program			
● Land Use Permits (Freshwater Wetlands, etc.)			
● Relevant Environmental Permits – Including Federal, State, & Local Approvals – Specify:			

Is the project located within the New Jersey Pinelands Area? ___ Yes ___ No

If this application includes a new source of supply, which is located in the New Jersey Pinelands Area, or is for an increase in allocation, then a Certificate of Filing from the New Jersey Pinelands Commission must be submitted with the application. The Pinelands Commission can be contacted at (609) 894-7300.

Is the project located in the Delaware River Basin? ___Yes ___No

If Yes, has a docket been issued for this project by the Delaware River Basin Commission?

___Yes Docket No. _____

___No Docket applied for on _____ (Date)

The Delaware River Basin Commission can be contacted at (609) 883-9500.

B. CERTIFICATIONS

In cases where the official required to sign Certification 1 below is the same person as the official required to sign the Certification 2 below, only Certification 1 need be signed. In all other cases, both certifications shall be completed.

1. HIGHEST RANKING INDIVIDUAL OF FACILITY

This certification is to be signed by the highest-ranking individual at the facility with overall responsibility for that facility.

I certify under penalty of law that the information provided in this document is true, accurate and complete. I am aware that there are significant civil and criminal penalties for submitting false, inaccurate or incomplete information, including fines and/or imprisonment.

Date

Signature

Name (please print)

Title

2. HIGHEST RANKING INDIVIDUAL

This certification shall be signed as follows:

- (a) For a corporation, by a principal executive officer of at least the level of vice president; or
- (b) For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
- (c) For a municipality, State, Federal or other public agency, by either the principal executive officer ranking elected official.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information. I believe that the submitted information is true, accurate and complete. I am aware that there are significant civil and criminal penalties for submitting false, inaccurate or incomplete information, including the possibility of fines and/or imprisonment.

Date

Signature

Name (please print)

Title

3. APPLICANT'S AGENT (IF APPLICABLE)

I, the Applicant/Owner _____ or Applicant/Operator (when the owner of the facility and the operator of the facility are distinct parties) _____ or Co-permittee (if applicable) _____ authorize to act as my agent/representative in all matters pertaining to my application the following person:

Name _____ Phone _____

Company/Employer _____

Address _____ County _____

City or Town _____ State _____ Zip Code _____

Occupation/Profession _____

(Signature of Applicant/Owner)

(Signature of Applicant/Owner)

(Signature of Co-permittee)

AGENT'S CERTIFICATION

Sworn before me
this _____ day of
_____ 20 _____

Notary Public

I agree to serve as agent for the above mentioned applicant

(Signature of Agent)

4. STATEMENT OF PREPARER OF PLANS, SPECIFICATIONS, SURVEYORS OR TECHNICAL REPORT (IF APPLICABLE)

I hereby certify that the engineering plans, specifications and engineer's report applicable to this project comply with the current rules and regulations of the State Department of Environmental Protection with the exceptions as noted.

(Signature of Engineer)

Type: Name and Date

Position, Name of Firm

PROFESSIONAL ENGINEER'S
EMBOSSSED SEAL

C. REQUIRED SUBMITTALS/ APPLICATION ATTACHMENTS

Check to ensure the following are included with the application:

Included		
<input type="checkbox"/>	1.	Proof of Meter Calibration for each source
<input type="checkbox"/>	2.	Water conservation and Drought Management Plan <i>If not required, please indicate why:</i> _____
<input type="checkbox"/>	3.	Information supporting Future Demands Projections listed in Section E.1.

D. DIVERSION REQUEST AND DIVERSION SOURCE INFORMATION

This application is for:

Renewal of existing Permit No. _____ Activity No. (if known) _____

1. Present Allocation:

a. Groundwater: _____ million gallons of water per month at a maximum rate of _____ gallons per minute.

Please note the present Aquifer Specific Allocation:

Aquifer/Formation Name	Present Allocation (million gallons)	
	Per Month (mgm)	Per Year (mgy)

b. Surface water: _____ million gallons of water per month at a maximum rate of _____ gallons per minute.

c. All sources: _____ million gallons of water per month at a maximum rate of _____ gallons per minute.

d. All sources: _____ million gallons of water per year.

Note: Monthly allocations are established based upon the maximum withdrawal expected during any one month (31 days) of the calendar year.

2. Diversion to be used for _____.

3. Complete the following for each diversion source:

a. Groundwater (wells)

State Well Permit No. (mandatory)	Well Local Name	Location Description	Existing (E) Proposed (P)	Proposed Maximum Withdrawal Rate (million gallons)	
				Per Month	Per Year

¹ If source specific surface water allocations are requested, please attach requests as necessary.

b. Groundwater (continued from previous page)

State Well Permit No. (mandatory ¹)	Well Local Name	Location Description	Existing (E) Proposed (P)	Proposed Maximum Withdrawal Rate (million gallons)	
				Per Month	Per Year

b. Surface water (streams, reservoirs, ponds)

Intake Subject Item Identification No. ²	Intake Local Name	Location Description	Existing (E) Proposed (P)	Proposed Maximum Withdrawal Rate (million gallons)	
				Per Month	Per Year

4. Complete Addendum A and B for each diversion source.

E. WATER USE

1. The current and projected average and peak water demands in million of gallons for 5 year intervals are as follows:

WATER DEMAND	AVERAGE DEMAND			PEAK DEMAND	
	Daily	Monthly	Annual	Daily	Monthly
Current Demand					
5 Year Projections					
10 Year Projections					
15 Year Projections					

¹ State Well Permit No. is mandatory for existing wells (see instructions).

² Intake Subject Item Identification No. is the identification number assigned to the intake by the DEP. For existing, approved sources, this number can be found on the Pre-Printed Monitoring Report Forms or the existing permit.

2. Present annual average water use:

WATER USE	Self Supplied		Other Sources (mgd)	Total (mgd)	Estimated Consumptive Use ¹ (%)
	Ground (mgd)	Surface (mgd)			
Domestic Supply					
Industrial Process					
Industrial Cooling					
Irrigation					
Commercial					
Remediation					
Other					
Total Water Use					

¹ Consumptive use is water withdrawn that is not returned to the surface or ground waters at or near the point from which it was taken without substantial diminution in quantity or substantial impairment of quality.

3. The water, after use for above purposes stated in D.2., will discharge into _____ (Name of Stream, Sewage System, or Subsurface Disposal System). For wastewater discharged directly by the facility or via a sewerage system to treatment plant, provide the location of the plant and its NJPDES Permit Number. Location: _____
 NJPDES Permit No. _____

4. For non-potable diversions, what is the source of water for sanitary use? _____

F. IRRIGATION

Complete if water is to be used for irrigation purposes.

1. Check to ensure the following is included:

Included	
<input type="checkbox"/>	Attach a diagram of the irrigation system piping between the diversion sources, any storage ponds and wet wells, up to the irrigation system distribution piping. Include the position of all water meters.

2. Irrigation is to be used for (e.g. golf course, landscape, grounds maintenance)

3. Describe the types of grasses, acreage and maximum need for each in extreme dry weather, in gallons per week.

4. Describe the irrigation system (type, capacity of nozzles in gpm, maximum number of nozzles operating at one time, average and maximum irrigation time in hours per day, how diversion is metered, how the ponds are fed.)

5. Is there any treated wastewater used for irrigation? ___Yes ___No

G. PUBLIC WATER/SUPPLY SYSTEMS

Complete only if diversion is for public water supply.

1. Population

- a. Population supplied at the time of application: _____
- b. Provide source or basis as to how figure in 1a. was determined: _____
- c. The population supplied is projected to be _____ by the year _____. The method used to calculate the population is (or include in attached report): _____

2. Estimated Consumption (average day of maximum month (MGD)):

- a. Immediate _____
- b. Future (_____ years) _____

3. Quantity or percentage of water supplied during the last calendar year for the following:

	<u>Annual</u>	<u>Maximum Month</u>
Total	_____	_____
Domestic	_____	_____
Commercial	_____	_____
Industrial	_____	_____
Other	_____	_____

4. Quantity or percentage of unaccounted-for water (as defined by N.J.A.C. 7:19-6.2): _____ for _____ (Year), of a total water production of _____ million gallons.

5. Number of Service Taps: Domestic _____ Commercial and Industrial _____

Number of Meters: Domestic _____ Commercial and Industrial _____

6. Capacity of Plant (gallons daily) _____

7. Total System Storage (million gallons) _____

8. The following is required for all Public Water Supply Applications:

Included		
<input type="checkbox"/>	a.	Provide a list of all contracts with other municipalities or water companies to supply or purchase water. Provide copies of the all contracts not previously approved by the Bureau.
<input type="checkbox"/>	b.	List of municipalities to be supplied . Submit a map of the service area when not restricted by established municipal limits. (If not submitted previously.)
<input type="checkbox"/>	c.	List of all interconnections , size of each interconnection, and the water system serviced.
<input type="checkbox"/>	d.	Other drawings and information deemed pertinent.

ADDENDUM A
SOURCE DATA FOR GROUNDWATER (WELLS)

Complete Well information for all existing and proposed sources. This information is mandatory. Refer to instructions for acceptable values. Please reference the same State Well Permit Numbers and Well Names as referenced in Section D of the application. Attach additional copies of addendum as needed.

State Well Permit No.		State Well Permit No.	
Well Local Name		Well Local Name	
Date Drilled		Date Drilled	
Total Finished Depth (feet) (include tailpiece if any)		Total Finished Depth (feet) (include tailpiece if any)	
Depth to Top of Open Hole Interval or Screen (feet)		Depth to Top of Open Hole Interval or Screen (feet)	
Depth to Bottom of Open Hole Interval or Screen (feet)		Depth to Bottom of Open Hole Interval or Screen (feet)	
Rated Pump Capacity (gpm)		Rated Pump Capacity (gpm)	
Yield (gpm)		Yield (gpm)	
Aquifer/Geological Formation		Aquifer/Geological Formation	
Elevation Information:		Elevation Information:	
Site Elevation		Site Elevation	
Elevation System Description		Elevation System Description	
Elevation Method Description		Elevation Method Description	
Absolute Elevation Accuracy		Absolute Elevation Accuracy	
Absolute Elevation Accuracy Units (feet or meters)		Absolute Elevation Accuracy Units (feet or meters)	
Locational Information:		Locational Information:	
X coordinate (e.g. Longitude) of well center		X coordinate (e.g. Longitude) of well center	
Y coordinate (e.g. Latitude) of well center		Y coordinate (e.g. Latitude) of well center	
Coordinate System Code and Description		Coordinate System Code and Description	
Coordinate Method Description		Coordinate Method Description	
Absolute Location Accuracy		Absolute Location Accuracy	
Accuracy Units (feet or meters)		Accuracy Units (feet or meters)	

ADDENDUM B

SOURCE DATA FOR SURFACE WATER (STREAMS, RESERVOIRS, PONDS)

Complete Intake information for all existing and proposed sources. This information is mandatory. Refer to instructions for acceptable values. Please reference the same Source Intake ID and Intake Local Name as referenced in Section D of the application. Attach additional copies of addendum as needed:

Source Intake SI ID (if already permitted)		Source Intake SI ID (if already permitted)	
Intake Local Name		Intake Local Name	
Rated Pump Capacity (gpm)		Rated Pump Capacity (gpm)	
MA7CD10 (cfs) at intake opening		MA7CD10 (cfs) at intake opening	
Requested Passing Flow (cfs)		Requested Passing Flow (cfs)	
Surface Water Quality Classification		Surface Water Quality Classification	
Drainage Area Above Intake (square miles)		Drainage Area Above Intake (square miles)	
Locational Information:		Locational Information:	
X coordinate (e.g. Longitude) of intake opening		X coordinate (e.g. Longitude) of intake opening	
Y coordinate (e.g. Latitude) of intake opening		Y coordinate (e.g. Latitude) of intake opening	
Coordinate System Code and Description		Coordinate System Code and Description	
Coordinate Method Description		Coordinate Method Description	
Absolute Location Accuracy		Absolute Location Accuracy	
Accuracy Units (feet or meters)		Accuracy Units (feet or meters)	

INSTRUCTIONS FOR COMPLETING BWA-001A

1. GENERAL INSTRUCTIONS

This form includes eight sections, A through H, and Addenda A and B. Section G applies to irrigation water users (other than Agricultural/Horticultural water users certified by the County Agricultural Agent under N.J.A.C. 7:20A-1 et seq.). Section H applies to Public Water Suppliers. Addenda A and B apply to each individual diversion source for all applicants. **All applicable sections must be completed or the application will be returned.**

Applications must reference valid State Well Permit Numbers and wells must be permitted for their intended use. A well search can be scheduled by the applicant or performed by the Department for a fee. **Applications without valid State Well Permit Numbers for existing wells will be returned.**

All information required by the regulations under N.J.A.C. 7:19-2.2 must be addressed in this application.

A. Site Location Information

1. Actual Diversion Location - Provide the Name of the Facility of which the application is for, the physical street address or nearest cross streets of the diversion location. Attach additional sheets if more than one physical location applies.
2. Property/Land Owners – Provide the legal name for the owner of the property/land on which the diversion is located.
3. Applicant/Operating Entity(ies) – Provide the name, as it is legally referred to, of the operating entity of the subject facility. The operating entity is the firm, public agency, individual, or other entity which has the primary management and decision making authority over any part of the facility/site.

The Application Contact is the individual responsible for all aspects/inquiries regarding the application. Check the Agent box if an Agent has been designated in Section B3 of the Application. The Report Form Recipient/Permit Contact is the designated individual responsible for completing Quarterly Monitoring Report Forms. All Monitoring Report Forms will be mailed to the Report Form Recipient/Permit Contact designated at the Operating Entities address.

4. Responsible Entity/Organization – The person, company, or corporation financially responsible for the activity relating to the diversion and has overall legal responsibility of the activities occurring at the site. The organization liable or accountable for overall facility operations. The responsible entity may be the same as the Applicant/Operating Entity noted in Section A3. If so, check the appropriate box provided. If not, provide the requested information for the Responsible Entity
5. Billing Contact – Check the box of the appropriate address (either the Responsible Entity/Organization or the Applicant/Operating Entity) and indicate the individual contact for all billing inquiries.
6. Other Permits – Provide information for all other permits applied to in relation to the project and diversion activities, as indicated.

B. Certifications – Provide Certifications as indicated in Section B.

C. Required Submittals/Application Attachments

1. All diversion sources must be metered prior to treatment. Submit evidence to demonstrate that the flow meter for each source has been calibrated within the past five years. Also include the type of meter for each source. Evidence of meter calibration is not required for new sources (meters must be installed on all approved new sources, however). If the diversion is not metered at each source prior to treatment, please indicate why.
2. A completed Water Conservation and Drought Management Plan. Separate instructions and worksheets for completing the plan should be obtained by contacting the Bureau of Water Allocation & Well Permitting. A Conservation Plan is not required if the application is for ground water remediation, sand and gravel mining, or where diverted water is returned in undiminished quantity to its source.
3. Supporting information that shows how the future demands were determined in Section E.1. of the application.

For Sections D through G, please provide all information as requested in the section.

2. INSTRUCTIONS FOR COMPLETING ADDENDA A AND B

The following tables provide the acceptable values for completing Addenda A and B.

Elevation Information

Elevation System Description	Elevation Method Description
Feet above sea level	Approximate address match
Meters above sea level	DEP program database
	Digital image
	Exact address match
	GPS
	Hard copy match
	Licensed Surveyor
	Topographic Map
	Plot Plan
	Proposed Elevation-Digital Image
	Proposed Elevation-Hard Copy Map

Absolute elevation accuracy is the uncertainty in feet or meters of the elevation measurement.

Locational Information

USGS quadrangle maps have the coordinate system printed on the map. GPS units can usually be set to display a variety of coordinate systems. New Jersey State Plane 83 – USFEET is the State standard.

Coordinate System Code	Coordinate System Description*	Coordinate Method Description
22	Lat/Long (NAD27) – Decimal Degrees	GPS
27	Lat/Long (NAD27) – DMS	DEP Program Database
21	Lat/Long (NAD83) – Decimal Degrees	Exact Address Match
20	Lat/Long (NAD83) – DMS	Digital Image (such as i-Map)
09	New Jersey State Plane 27 – USFEET	Hard Copy Map
02	New Jersey State Plane 83 – Meters	Other (Describe)
01	New Jersey State Plane 83 – USFEET	Approximate Address Match
26	UTM (NAD27) – Meters	Proposed Location - Digital Image (such as i-Map)
08	UTM Zone 18N – Meters	Proposed Location - Hard Copy Map
03	UTM Zone 18N (78 W to 72 W) – Kilometers	

*Coordinates obtained historically from BWA are likely to be Lat/Long (NAD27) – DMS

Absolute location accuracy is the uncertainty in feet or meters of the location from actual ground truth. Modern GPS units can provide this number .