**Water**

**Water Supply Well Construction Permit**

**What Activities Require This Permit?** The location and construction of the following types of water supply wells under the jurisdiction of the Division of Water Resources (DWR): (1) a water-well or well system with a design capacity (yield) of 100,000 gallons per day (gpd) or greater; (2) a well added to an existing system where the design capacity of the existing well system and added well will equal or exceed 100,000 gpd; and, (3) any well with a design deviation (i.e., variance) from the standards specified under 15A NCAC 02C.

**What Is The Purpose of This Permit?** To comply with 15A NCAC 02C .0105 and protect the public welfare, safety, health and groundwater resources through proper construction and location of supply wells.

**Who Issues This Permit?** The N.C. Division of Water Resources, Water Quality Regional Operations Section serving the county where the wells are to be located - visit the following link for regional office contact information: [http://deq.nc.gov/contact/regional-offices](http://deq.nc.gov/contact/regional-offices). Please note that the Environmental Health Section, Department of Health and Human Services permits the construction, repair or abandonment of private drinking water wells pursuant to G.S. 87-85 through the local health departments including variances to these well construction standards.

**How Much Will This Permit Cost?** Currently, there are no fees for this permit.

**What Are My Payment Options for Permit Application Fees?** Not applicable.

**If Paying by Check, Who do I Make the Check Payable to and Where Do I Send the Check?** Not applicable.

**Where Can I Get The Application For This Permit?** Contact your local N.C. Department of Environmental Quality regional office for wells or well systems equal to or greater than 100,000 gpd: [https://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/ground-water-protection/ground-water-applications](https://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/ground-water-protection/ground-water-applications) (look for the application titled "Large Capacity Water Supply Wells APPLICATION")

For wells requiring a variance from the rules use this application: [https://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/ground-water-protection/ground-water-applications](https://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/ground-water-protection/ground-water-applications) (look for the application titled "Well Construction Variance Request 2C .0100”

**How Long Will It Take To Review My Application?** Permits are reviewed and issued within 15 calendar days or less.

**Where Do I Submit My Application?** Permit applications are submitted to the Division of Water Resources, Water Quality Regional Operations Section office serving the county where the wells are to be located: [http://deq.nc.gov/contact/regional-offices](http://deq.nc.gov/contact/regional-offices).

**How Long Is My Permit or License or Certificate Valid?** The permit is typically valid for construction within six months following issuance of the permit, although other periods may be specific to the permit issued.

**Notes/Comments:** The construction, repair or abandonment of private drinking water wells requires a permit from your local health department. These types of wells include (1) private wells that serve a single residence and (2) transient non-community water supply wells that do not meet the definition of “public water supply” in 15A NCAC 18C (i.e. restaurants, churches, schools, child care facilities, and medical facilities). [Learn more](#) about private drinking water well permitting. You may also need a permit from the N.C. Division of Water Resources, Public Water Supply Section. Please refer to these associated permits within this directory or contact your local [DEQ regional office](#).

**Legal Authority/Statute Reference:** G.S. 87-87; 143-215.1 and 15A NCAC 02C Section .0100.

**Link:** [https://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/ground-water-protection/well-program](https://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/ground-water-protection/well-program)
Statewide Contact Information:
NC Division of Water Resources  
Water Quality Regional Operations Section  
1611 Mail Service Center  
Raleigh, NC 27699-1617  
Telephone: (919) 807-6300  
Fax: (919) 807-6492