

Alexander County Environmental Health
Phone: (828) 632-1000 option # 2 Fax: (828) 632-1354
Well Information Sheet

1. Make sure all information is completed on your application, especially type of well.

Please note that if you are building on a lot which will require drilling or boring a well, you **MUST** apply for the well permit at the same time as the septic permit, so that the well site can be determined at the time of the evaluation.

2. A (plat) or site plan shall be provided. It shall include all easements, structures or proposed structures, existing or proposed wastewater systems, existing or proposed wells, spring, or water lines, any surface waters, chemical or petroleum storage tanks above or below ground. Be sure to include in your (plat) or site plan, all septic tank and drainfield locations within 50 feet of your property line.

3. Once you have prepared your land for evaluation, call Environmental Health to schedule an appointment time.

4. Once you have received your Permit, you may contract with a well installer. Well installers shall register with the Alexander County Environmental Health Department annually.

5. The Environmental Health Department will make several visits to determine final approval of your well:

A. Site evaluations will be made to determine suitable areas for well placement. Make sure you **give a copy of your Permit to the well installer** who must install the well within the areas marked on your Permit as "Well Location Area".

B. Grouting inspections will be made to determine sufficient amount of grout (cement) outside of the well casing.

C. Well Head inspections will be conducted to determine proper capping and sealing of well top to prevent outside contamination from entering the well. **Thorough disinfection of the well (as with a chlorine solution) must be completed once the well head is completed and prior to use of the water.**

D. A bacteriological, inorganic and nitrate/nitrite water samples will be taken during the time of well head inspection if possible (pump has power and completed disinfection procedure) or at your request. Samples should be taken **ONLY** after proper disinfection and purging of the disinfectant.

Please Note: You have 30 days after our approval of the well head to request the water sample included in your well permit fee. After 30 days, if you want a water sample, you must apply and pay the fee for a water sample.

******* (see fee schedule).**

6. Your well installer and/or pump installer will have to make several contacts with the Environmental Health Department. **Please make sure they have a copy of the Permit and this Well Information Sheet:**

A. The **well installer** uses the Permit and locates your well in the approved location. The **well installer must call the Environmental Health Department to schedule a joint visit to the site if the well can not be located in the designated Permit area.**

B. The **well installer** proceeds with the installation of the well and **calls the Environmental Health Department before 9:00 am to schedule an inspection during the grouting process that day. The well installer must make available to the Environmental Health Department a copy of the Well Record prior to receiving final approval of the well.**

C. The **well installer, pump installer, or whoever is responsible for the well head development (installation of the pump and piping, sanitary seal, well head tap, and disinfection) calls the Environmental Health Department to notify that the well head development is completed and ready for inspection. If possible, provision should be made for the EHS to obtain a water sample while conducting the well head inspection (power on and well purged of disinfectant).**

******* YOU ARE ENCOURAGED TO MAKE SURE THAT A WATER SAMPLE IS OBTAINED DURING THIS PROCESS. A COPY OF THE RESULTS WILL BE MAILED TO YOU. *******