



REQUIRED PRIVATE WATER SYSTEM REPORTS FOR SUBDIVISIONS

WATER QUALITY, WATER QUANTITY AND WATER DEPENDABILITY

1. REQUIRED INFORMATION

The following information is required for your private water system. Land divisions in Delta County require a water system that will deliver a safe, adequate, dependable supply. The following information shall be submitted to this office for review in order to determine the adequacy of the system.

1. A well decree or well permit.
2. A well driller's "Well Completion and Pump Installation Report" for a well water system. If you are developing a spring: a schematic drawing of the spring development, collection, storage, and transmission system.
3. A certification or statement of the quantity of water produced by the water system by a licensed pump installer or testing company.
4. A copy of the most recent standard bacteriological water test report.
5. A copy of the most recent chemical analysis with the following list of analytes that are required for the first test:

Calcium Carbonate	pH	Conductivity	Total Alkalinity	Temperature
Total Dissolved Solids	Iron	Hardness & Langelier Index	Sulfate	Potassium
Nitrate-N	Nitrite-N	Nitrate/Nitrite-N	Sodium	Magnesium

2. DEPARTMENT REVIEW

All the information will be reviewed and a survey will be made by the Department. The Department will issue a letter of its findings to the subdivider and the Delta County Planning Office. If the Department finds any irregularities or questionable activities affecting water quality then further testing will be required. If a second test is needed the following analysis will be required in addition to those listed above. This following list contains the analytes that are required by the Colorado Primary Drinking Water Regulations. The Department or independent well water consultant will be required to collect the sample.

Antimony	Beryllium	Copper	Lead	Selenium	21 Regulated VOC's
Arsenic	Cadmium	Cyanide	Mercury	Thallium	30 Regulated SOC's
Barium	Chromium	Fluoride	Nickel	Radon	

3.WATER TREATMENT DEVICE REQUIRED

The Department shall require treatment devices to render the water satisfactory for domestic uses if the analyses show high levels of the contaminants. An independent water treatment specialist shall be contacted to specify a system to improve the water quality. The subdivider shall provide information regarding the treatment system to the Department for review. The Department shall notify the subdivider and the planning Department of acceptance of the treatment system.

4. THE FOLLOWING LABS ARE AVAILABLE FOR WATER SAMPLE TESTING:

1. National Testing Laboratory....www.watercheck.com ... (800) 458-3330
2. Colorado Department of Public Health and Environment Laboratory and Radiation Services Division, Western Slope Branch Lab 1-970-248-6999 or Denver 1-303-692-3090
3. Enviro-Chem Analytical, Inc.....1-970-242-6154
4. Grand Junction Laboratories.....1-970-242-7618
5. RADON- Hazen Research1-303-279-4501