

MOUNTAIN MUTUAL WATER COMPANY CISTERN REQUIREMENTS as of 2010

1. Tapping will only be done between May 15th and October 1st. All water system plans pertaining to water cisterns must be approved by the Manager of Mountain Mutual Water Company.
2. All residents will be required to install a concrete cistern with a minimum capacity of 1500 gallons. The cistern will be a precast concrete cistern. Under NO circumstances will fiberglass cisterns be permitted. Each cistern will have two ¾ inch fittings installed at the bottom of the cistern. One fitting so that water can be supplied to the cistern and one fitting so that water can be pumped from cistern to residence. All cisterns will be required to have 2x4 concrete rings with a lid and heater installed. This is to insure that the float valve inside the cistern will not freeze.
3. **NO CISTERN SHALL BE BY-PASSED.**
4. No water cistern shall be put under structure (house, garage, etc). In case of fire, the cistern needs to be accessible.
5. The piping in the cistern can be ¾ inch galvanized pipe, ¾ inch copper pipe or ¾ inch plastic pipe. If plastic is used, it must be schedule 40. If plastic pipe is used, 6 inch galvanized nipples are required from both shut-off valves. All piping must be buried at least 7 (seven) feet underground.
6. Galvanized pipe must be used inside cistern. All cisterns will be required to have a ¾ inch float valve installed inside the cistern not less than one foot from the top of the cistern. These valves are used to control the flow of water inside the cistern. **Float valve ball needs to be 4 inch and solid copper shell.**
7. All cisterns will be required to have a thermal coil meter box 15" diameter with a 7" bury. A meter with a wireless transmitter must be acquired from and installed by MMWC at a cost of \$324. **Meter box is required at property line and must be accessible to MMWC at all times.** The on/off valve, meter and meter box are the property of MMWC. Property owner shall recognize that any tampering with the water meter and/or valves and fittings will make all damages/adverse impacts to the integrity of the water system the responsibility of the property owner and all repairs, lost water revenues and property damage shall become the responsibility of the property owner.
8. A ¾ inch Mueller #10283 (or equal) curb stop valve will be installed at the cistern. This valve will be equipped with a valve box of 2 inch or 3 inch schedule 40 stand pipe and cap to be placed at the cistern. It will extend at least 6 inches above ground level. In case of emergency, property owner should be able to shut-off water at their own cistern and not have to call the office for shut-off.
9. All cisterns will be required to install an in-line ¾ inch pressure reducing valve inside the cistern.
10. It is the responsibility of the property owner to bring their piping to the point of connection (main line). **From the point of connection to curb valve, a Type K copper pipe MUST be used.**
11. The Water Company will be responsible for tapping onto the main line. **The repair to any portion of the water line from the main line to the property shall be the responsibility of the property owner after connection to the water main.** Repairs and replacement of the valve or meter in the meter box shall be the Water Company's responsibility, except that any repairs made necessary as a result of property owner's negligence or misuse shall be chargeable to that owner.
12. **Property owner MUST be informed by the contractor that once tapped on to the main line, the charge is \$50.00 a month or \$25.00 and .05 cents a gallon, whichever is less, whether property owner is living there or not.** Property owner MUST inform office that they are aware of the monthly charge.
13. Water usage is for **domestic** use only. Outside watering must be restricted or additional charges will be assessed.
14. All new systems must be inspected by the Manager of Mountain Mutual Water Company (MMWC) to ensure that all the above regulations are complied with before any tap will be made.
15. All fees MUST be paid and current prior to tapping on to the water system. A charge of \$500.00 will be invoiced at the time of connection.

Cistern Diagram (typical setup)

Side View

