

Water System DNR Response

Based on 4/22/14 Inspection

The following are the existing or new plans of Big Country Acres in response to the Compliance and Operation Inspection Report of our community public water system. No Significant Deficiencies were found during the inspection. A copy of this document will be distributed to our homeowners and posted on our website, www.bigcountryacres.info.

OTHER DEFICIENCIES (correction required)

1. The water system is not following their Coliform Sampling Plan and is not rotating through the sample sites each month.

Our Certified Operator will collect the future samples from five different sampling points throughout the subdivision. Homeowners will be asked to permit the test whenever possible if contacted.

2. Some of the records for the system were unavailable.

Copies of our records are kept on our website, www.bigcountryacres.info under the Water tab, so they may be viewed at any time by anyone. If additional records are needed in the future, please provide notification of inspections more than one business day in advance in case the trustee with the record box is out of town. In addition, we will keep a plastic file box of certain records, procedures and emergency information in the well house.

3. The system does not have a written contract with the contract operator.

Terms of our agreement have now been documented and signed. The unsigned version is on our website as well.

RECOMMENDATIONS (correction optional)

4. The water system does not have a lead ban ordinance.

Our subdivision falls under the St. Charles County Building Codes, under which lead-based products are prohibited. The subdivision is also under DNR's Lead & Copper samples requirements and those results show no Lead issues.

5. The public water system does not have adequate emergency electrical power.

An emergency contact sheet is being developed which will be posted on the wall in the well house. It will include emergency generator suppliers and an emergency plan that incorporates suggestions from DNR.

6. Master meter readings are not being taken or recorded on a weekly basis.

We have generated a chart that will kept in the well house for recording various readings. Our Water Operator will record any tests there and homeowners with access will also be able to record meter readings. The association will discuss a meter reading schedule at the next Annual Meeting in September.

7. Drawdown measuring equipment is installed by readings are not routinely conducted on the well.

Our Certified Operator will perform this test three times per year.

8. The system does not have up-to-date plans of the distribution system.

The trustees do have a rough drawing of the water system, but we will plan to obtain a copy of the subdivisions plans that should have been supplied to the county building and planning departments when the subdivision was built and will post on the well house wall.

9. The system does not have a written valve inspection, testing and exercising program.

Our Certified Operator will exercise the valves annually and record the information on the chart in the well house file.

10. The public water system does not have a program for flushing of water mains that is written, systematic and unidirectional.

Our Certified Operator will flush the water mains at least once a year at a low velocity to remove any settlement.