

Dear Client,

Thank you for ordering a Livestock Suitability Test Kit through Essential Water Solutions, Inc. ~~Because of the volume Essential Water Solutions does with us, your testing cost have been reduced to \$40 which includes the \$6.95 cost of shipping by UPS.~~

~~Please send us a check made out to Midwest Laboratories in the amount of \$40 along with a completed water analysis form placed in the Styrofoam cooler (an example sheet is included). Please follow the instruction for water sampling below.~~

Thank you again for your business.

Midwest Laboratories Staff

INSTRUCTIONS FOR WATER SAMPLING

1. Before sampling, freeze the cool pack enclosed in the Styrofoam cooler. This will allow the sample to remain **cool** until it reaches the laboratory. *If the outside temperature is below 40 degrees, freezing the cool pack is not necessary.*
2. Open the faucet or hydrant and allow the water to run for several minutes.
3. Fill the enclosed bottle(s). If purity (total coliform) is to be checked, please use caution with the sterile plastic bottle. **DO NOT** rinse this jar and avoid touching any inner surface of the bottle or lid with your fingers. (The white powder is normal for the container)
4. Place the bottle(s) in upright position in the kit. Be sure to include the cooling pack.
5. Complete the submittal form with your reporting name, address, and sample identification. Please include the **date and time** of sampling. Place the form in the plastic bag and include with the bottles. Tape the cooler securely and place a Midwest Labs return label on the cooler. Whether using a parcel service or U.S. mail, be sure to send the sample(s) in such a way that it reaches the laboratory within **24 hours**. Ideal arrival time would be before 1:00 p.m. Monday through Friday.
6. A report of analysis will be sent directly to the address on the submittal form. Please allow 3 to 5 days for results.

If the objective is to test for the presence of coliforms in the well itself, additional measures should be taken. A faucet nearest the well should be chosen, any aerator device should be removed, any chemical that may be added should be shut off, the end of the faucet should be sterilized with a propane torch or isopropyl alcohol and the water should be allowed to run for at least 15 minutes. However, a sample taken without these precautions will be more representative of the purity of the water as it is actually used by

the people of the household. A positive bacteria test under the less exacting conditions may require additional testing to locate the source of the bacteria.