



LEADERS IN WATER TECHNOLOGY

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Date: May 25, 2011

Lab ID Number: JF006-479

Client: Buffalo Owners Association

Property Address: Buffalo Owners Association "Cabin Pond Pump", Como Colorado

Date & Time [Location] Collected: May 24, 2011 @ 0805
[Cabin Pond Pump] by J. Just

COLIFORM TEST RESULTS
This sample FAILS
BACTERIA POTABILITY

<u>Bacteriological Test</u>	<u>Results</u>	<u>State/EPA Primary Maximum Contaminant Level</u>	<u>Acceptable</u>
Total Coliforms per 100 mls:	<i>PRESENT</i>	ABSENT	NO
Fecal Coliforms (<i>Escherichia coli</i>) per 100 mls:	<i>ABSENT</i>	ABSENT	YES

Total coliforms are opportunistic pathogens, which are useful to indicate whether other potentially harmful bacteria may be present. They can enter a well from different sources: floodwater over the cap of a well, abandoned well near the affected well, improperly sealed wells, etcetera. Typically, Total Coliform bacteria do not cause disease in a healthy immune system. A compromised immune system, however, may present an "opportunity" for total coliform bacteria to infect. This includes both animals and humans that are very old, very young, and/or immunocompromised. Since total coliform have been detected, your water is considered to be potentially unsafe; and [Shock Chlorination](#) or installation of an [Ultra Violet Treatment System](#) or [Chlorine Treatment System](#) for your well and home is recommended.

If you have any question regarding this laboratory report, then please call me at 303-670-3348. If you are interested in mitigation of total coliform bacteria, then please call Jeff McCarty in our mitigation department at 303-670-3348.

Scott A. Verrill, Microbiologist

Laboratory Manager
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