



SHASTA PREMIER INSPECTION GROUP

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WATER QUALITY ANALYSIS - BACTERIA

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04/24/2026



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Purpose of This Analysis: This screening provides a presence/absence evaluation for total coliform and E. coli bacteria using a 100-mL enzyme substrate method. Results reflect only the condition of the water at the date and time of sampling, and do not represent a full well inspection, flow test, or comprehensive water chemistry analysis. Private well systems can change over time due to use, maintenance, weather, equipment, or seasonal factors, and regular testing is an important part of well ownership.

EPA Test Method Statement: EPA-approved presence/absence methods are used for this screening; however, Shasta Premier Inspection Group is not an accredited laboratory.

Summary: Any summary section is not the full report. The complete Water Quality Analysis—including all sections and attachments—should be reviewed in full to understand the sampling conditions, test method, and results. The summary highlights select information but does not imply that any specific corrective work must be completed.

Photos: Photos, if included, are representative examples of the sampling process or test results. They illustrate key steps or findings but may not show every detail or condition. Evaluate all text and sample information rather than relying on photos alone.

Inspection Scope, Use & Limitations: This Water Quality Analysis is a single-sample, presence/absence screening for total coliform and E. coli bacteria. It is not a full well inspection, flow test, chemical analysis, or a measure of overall well capacity or system performance. Water sample collection is performed by a California-certified Water Distribution and Wastewater Operator trained in state-approved sampling procedures. The test reflects only the 100-mL sample collected and analyzed on the date and time shown. Water quality can vary with use, system maintenance, groundwater conditions, and environmental factors. This analysis does not determine the cause, location, or extent of contamination, nor does it predict future water quality. No warranty, guarantee, or prediction of future performance is expressed or implied. Shasta Premier Inspection Group does not determine or confirm well registration, permitting, depth, design, code compliance, or the condition of buried or inaccessible components.

For comprehensive evaluation—including well system inspection, flow testing, or chemistry analysis—additional services are available upon request.

Ownership and Use: This report is the property of Shasta Premier Inspection Group and the client named herein. It is non-transferable and may not be sold, copied, or relied upon by any other party. Unauthorized use or reliance voids the report in its entirety. Third parties seeking water testing information should contact Shasta Premier Inspection Group directly to obtain current testing for their specific transaction.

Contact: For questions or to schedule additional services, contact Shasta Premier Inspection Group at (530) 598-7856 or info@shastapremier.com.

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1: WATER QUALITY – BACTERIA

Information

Information: About This Test

This presence/absence (P/A) test screens a 100-mL sample for total coliform and E. coli bacteria using an EPA-approved enzyme substrate method. Total coliform are environmental indicator organisms. E. coli indicates fecal contamination. This test does not evaluate chemical, mineral, or other microbiological parameters.

Detection Limit: This method detects the presence or absence of indicator bacteria in a 100-mL sample, consistent with EPA and Standard Methods 9223B protocols.

Sample Location	Date and Time of Sampling	Sample Collected by
At Well	04/24/26 2:00 pm	Inspector

Sampling Method

At the time of sampling, a 100-mL drinking water sample was collected in a sterile bottle containing sodium thiosulfate for chlorine neutralization. The sample was analyzed using the Neogen Colitag™ presence/absence enzyme substrate method (Standard Methods 9223B equivalent). Results reflect only the condition of the sample at the time of collection.

Test Method

Neogen Colitag™, Presence/Absence Method

100-mL Presence/Absence enzyme substrate method (EPA-approved / Standard Methods 9223B equivalent)

Bacteria Test Results: Date and Time of Report	Bacteria Test Results: Water Quality – Bacteria (P/A Test)
4//27/26 12:19 pm	Negative for Coliform, Negative for E.coli

Bacteria Test Results: Negative for the Presence of Bacteria

Total coliform bacteria: **Absent**

E. coli: **Absent**

The absence of these indicator organisms suggests the water system was free of detectable bacterial contamination at the time of sampling. No corrective action is recommended. Routine periodic testing is advised as part of ongoing well system maintenance. Shasta Premier Inspection Group can provide future water quality testing upon request.

Limitations

Information

SCOPE OF SCREENING

This analysis provides a presence/absence screening of a single 100-mL water sample for indicator bacteria. Results are based solely on the sample collected at the date and time shown and reflect conditions at that moment only. The screening identifies whether total coliform or E. coli organisms were detected but does not determine the source, extent, or cause of contamination, nor does it evaluate chemical, mineral, or other water quality parameters. No prediction of future conditions is expressed or implied. This screening is not a substitute for a well system inspection, flow test, or comprehensive water chemistry analysis.

Bacteria Test Results

BACTERIA PRESENCE/ABSENCE TESTING

This presence/absence field screening reflects only the sample collected at the stated date and time. Bacterial levels can vary with system use, seasonal changes, and recent disturbances. No chemical, mineral, or additional microbiological analyses were performed. The inspector disclaims the condition of any areas or components not accessible during sampling.

STANDARDS OF PRACTICE

Water Quality – Bacteria

Scope of Service: This Standard of Practice applies to the Water Quality Analysis – Bacteria screening performed by Shasta Premier Inspection Group. This service evaluates a single 100-mL water sample for the presence or absence of total coliform and E. coli bacteria using an EPA-approved enzyme substrate method. The purpose of this screening is to document bacteriological conditions at the time of sampling.

Sampling Procedure: Water samples are collected using sterile, sealed sampling containers. Collection is performed by a California-certified Water Distribution and Wastewater Operator trained in state-approved sampling procedures. Samples are handled according to manufacturer and method instructions and analyzed promptly to maintain sample integrity.

Analytical Method: The screening uses an EPA-approved presence/absence (P/A) enzyme substrate method consistent with Standard Methods 9223B. The method identifies whether total coliform or E. coli bacteria are detected in a 100-mL sample. This screening is qualitative and does not provide bacterial counts or quantification.

Service Limitations: This screening evaluates only the sample collected at the date and time shown. Results reflect conditions at that moment and may change due to system use, maintenance, groundwater characteristics, or environmental factors. The screening does not: a) determine the source, extent, or cause of contamination; b) evaluate chemical, mineral, or additional microbiological parameters; c) assess well construction, pump performance, or system components; d) represent a full water quality analysis or potability certification; or d) predict future water quality conditions. This screening is not a substitute for a well system inspection, flow test, or comprehensive water chemistry analysis.

Accreditation Statement: EPA-approved presence/absence methods are used for this screening; however, Shasta Premier Inspection Group is not an accredited laboratory, and this screening is not a certified laboratory test.

Client Responsibilities: Clients are responsible for determining whether a certified laboratory analysis, full chemistry panel, or regulatory compliance testing is required for their transaction, lender, or personal preference. Additional testing is available upon request.

Use of Report: This Standard of Practice defines the scope and limits of the water bacteria screening. The report is intended solely for the client named and reflects conditions at the time of sampling. No warranty, guarantee, or prediction of future performance is expressed or implied.