



# State Hygienic Laboratory

The University of Iowa

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Accession Number	154659
Date Sample Finalized	2014-03-28 14:51
Date Received	2014-03-27 13:36
Sample Source	Drinking Water
Project	
Date Collected	2014-03-27 08:15
Collection Site	lab union
Collection Town	UNION
Sample Description	water
Client Reference	uv 2
Collector	hamilton matt
Phone	641/486-2550

Note: Upon arrival, sample met container and preservation requirements for the analysis requested. Please review carefully your sample results for additional analyte comments or method exceptions.

### Results of Analyses

#### Total Coliform and E.coli Bacteria, SM 9223B 21st

Units	[MPN]/100mL
Date Analyzed	2014-03-27 14:30
Analyst	DMJ, PB

Analyzed In	Ankeny
Date Verified	2014-03-28 14:51
Verifier	DMJ

Analyte	Result
Total Coliform Bacteria	<1
E.coli	<1

Note: If the total coliform bacteria and E.coli test results are "Absent" or "<1", these results are satisfactory and the water is bacterially safe for drinking purposes. If the total coliform bacteria test is "Present" or number is greater than or equal to 1 (e.g. 1, 20.7, 50.4, >200.5, etc), this result is UNSATISFACTORY and indicates the water is bacterially UNSAFE and should NOT be used for drinking unless properly disinfected before use (e.g. boiling for one minute). In addition, if the E.coli bacteria test result is also "Present" or number is greater than or equal to 1, this result indicates the water may be contaminated by human or animal sewage. E.coli presence indicates that the water may be contaminated with microorganisms that CAN cause disease and thus, represents a serious health concern. Contact your local county health department or SHL's web site (<http://www.shl.uiowa.edu>; click on Well Water in the left hand menu) for information and guidance to help correct your water quality problem.

#### Description of Units used within this report

[MPN]/100mL = Most Probable Number per 100 Milliliters

The result(s) of this report relate only to the items analyzed. This report shall not be reproduced except in full without the written approval of the laboratory.

Iowa Environmental Laboratory IDs are: Ankeny #397, Iowa City/Coralville #027, Lakeside #393.

If you have any questions, please call Client Services at 800/421-IOWA (4692) or 319/335-4500. Thank you.