



# State Hygienic Laboratory

*The University of Iowa*

CURT BENTER  
LEWISTON CITY OF  
CITY HALL - PUBLIC WORKS DIR  
75 RICE ST  
LEWISTON, MN 55952

<i>Accession Number</i>	616647
<i>Date Sample Finalized</i>	2018-03-12 16:26
<i>Date Received</i>	2018-01-31 09:36
<i>Sample Source</i>	Drinking Water
<i>Project</i>	
<i>Date Collected</i>	2018-01-30 07:58 ←
<i>Collection Site</i>	well tap
<i>Collection Address</i>	WELL #5 ← LEWISTON,
<i>Sample Description</i>	
<i>Client Reference</i>	city of lewiston mn
<i>Collector</i>	holtz bryan
<i>Phone</i>	507/993-1112

*Note:* There was an error in sample collection date/time (e.g. missing, mismatched, postdated or incorrect). 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

### Radium 226, EPA 903.0

<i>Units</i>	pCi/L	<i>Analyzed In</i>	Coralville
<i>Date Analyzed</i>	2018-03-09 11:41	<i>Date Verified</i>	2018-03-12 16:25
<i>Analyst</i>	LMT	<i>Verifier</i>	DMM
<i>Analysis Prep</i>	Sample Check-In, RAD 7.0 V3		

Analyte	Result	Uncertainty	Quant Limit
Radium-226	1.4	0.3	0.5

*Note:* Measurement uncertainty is reported as an expanded uncertainty with a coverage factor (k) of 2, correlating to a 95% level of confidence, unless otherwise noted.

### Radium 228, EPA 904.0

<i>Units</i>	pCi/L	<i>Analyzed In</i>	Coralville
<i>Date Analyzed</i>	2018-02-23 13:11	<i>Date Verified</i>	2018-02-26 11:34
<i>Analyst</i>	LMT	<i>Verifier</i>	AMC
<i>Analysis Prep</i>	Sample Check-In, RAD 7.0 V3		

Analyte	Result	Uncertainty	Quant Limit
Radium-228	1.6	0.8	0.8

*Note:* Measurement uncertainty is reported as an expanded uncertainty with a coverage factor (k) of 2, correlating to a 95% level of confidence, unless otherwise noted.

### Combined Radium 226 and 228, EPA 903.0/904.0

<i>Units</i>	pCi/L	<i>Analyzed In</i>	Coralville
<i>Date Analyzed</i>	2018-03-09 11:41	<i>Date Verified</i>	2018-03-12 16:26
<i>Analyst</i>	LMT	<i>Verifier</i>	DMM



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Analyte	Result	Quant Limit	MCL
Combined Radiums	3.0	1.0	5.0

*Note:* The MCL (maximum contaminant level) is only applicable to compliance monitoring samples under the Safe Drinking Water Act (SDWA). Measurement uncertainty is reported as an expanded uncertainty with a coverage factor (k) of 2, correlating to a 95% level of confidence, unless otherwise noted.

**Description of Units used within this report**

pCi/L = PicoCuries per Liter

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.