



Hygienic Laboratory

The University of Iowa

Date of report: 04-04-2008	Sample Number 2008005593 Date Received 03-04-2008 Project MORAD 2006 Date Collected 02-29-2008 08:00 Collection Site harg-2001 olivet rd Collection Town Description water Reference BOONE Collector BALLEW ROGER Phone (573) 474-9521 Purchase Order
 ROGER BALLEW BOONE CO PWSD #9 391 N RANGELINE RD COLUMBIA MO 65201	

Comments 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.

SDWIS Information

PWS Id: MO3024058	Facility Id: TP 10139	Sample Point Id: TP 10139
Sample Category: Radio Chemistry	Sample Type: Routine (RT)	

Results of Analyses

Total Uranium

Analyte	Concentration ug/L	Quantitation Limit ug/L
Total Uranium	<1.0	1.0

Comments The MCL value set by EPA for Uranium is 30 ug/L.

Date Analyzed: 03-11-2008 Analyst: SB
 Method: EPA 200.8 Verified: TAB

Gross Alpha including Uranium

Analyte	Concentration pCi/L	Uncertainty +/-	Quantitation Limit pCi/L
Gross Alpha	10.9	2.3	2.5

Comments The United States Environmental Protection Agency has designated a maximum contaminant level of 15 pCi/L for Gross Alpha excluding Uranium (compliance gross alpha) for public drinking water supplies.

Date Analyzed: 03-15-2008 Analyst: MM
 Method: EPA 900.0 Verified: SM

Gross Alpha minus Uranium

Analyte	Concentration pCi/L	Uncertainty +/-	Quantitation Limit pCi/L
Compliance gross alpha	10.9	2.3	2.5

Comments The United States Environmental Protection Agency has designated a maximum contaminant level of 15 pCi/L for Gross Alpha excluding Uranium (compliance gross alpha) for public drinking water supplies.

Date Analyzed: 04-03-2008 Analyst: SMC
 Method: EPA 900.0 Verified: MM



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Sample Number 2008005593

Sequential Radium 226 and 228

Analyte	Concentration pCi/L	Uncertainty +/-	Quantitation Limit pCi/L
Radium-226	4.0	0.5	0.6
Radium-228	0.9	0.6	0.6
Combined Radiums	4.0		1.0

Comments *The United States Environmental Protection Agency has designated a maximum contaminant level of 5 pCi/L for combined Radium 226 and Radium 228 in public drinking water supplies. Effective since July 9, 1976. For any Radium 226 and or 228 result less than our detection limit a value of zero is to be assumed for the purposes of combining the results.*

Date Analyzed: 03-28-2008

Analyst: SMC

Method: EPA 904.0,903.0

Verified: MM

Description of units used within this report

ug/L - Micrograms per Liter

pCi/L - PicoCuries per Liter

Quant Limit - Lowest concentration reliably measured

The results 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 ID #027.

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

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