




Hygienic Laboratory

The University of Iowa

Date of report: 09-25-2008


 ROGER BALLEW
 BOONE CO PWSD #9
 391 N RANGELINE RD

 COLUMBIA MO 65201

Sample Number 2008032818
Date Received 08-27-2008
Project MORAD 2006
Date Collected 08-25-2008 11:45
Collection Site harg-2001 olivet rd
Collection Town Columbia Mo
Description water
Reference BOONE
Collector BALLEW ROGER
Phone (573) 474-9521
Purchase Order

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: 08-28-2008
 Method: EPA 200.8

Analyst: BRW
 Verified: DS

Gross Alpha including Uranium

Analyte	Concentration pCi/L	Uncertainty +/-	Quantitation Limit pCi/L
Gross Alpha	3.6	0.9	1.2

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: 09-05-2008
 Method: EPA 900.0

Analyst: SMC
 Verified: MM

Gross Alpha minus Uranium

Analyte	Concentration pCi/L	Uncertainty +/-	Quantitation Limit pCi/L
Compliance gross alpha	3.6	0.9	1.2

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: 09-23-2008
 Method: EPA 900.0

Analyst: SMC
 Verified: MM



Hygienic Laboratory

The University of Iowa

Page 2
Sample Number 2008032818

Sequential Radium 226 and 228

Analyte	Concentration pCi/L	Uncertainty +/-	Quantitation Limit pCi/L
Radium-226	1.9	0.4	0.7
Radium-228	<0.6		0.6
Combined Radiums	1.9		1.0
Comments	<i>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.</i>		

Date Analyzed: 09-19-2008
Method: EPA 904.0,903.0

Analyst: SMC
Verified: MM

Description of units used within this report

ug/L - Micrograms per Liter
Quant Limit - Lowest concentration reliably measured

pCi/L - PicoCuries per Liter

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.

16265
PRINTED: 2-
PROJECT