




Hygienic Laboratory

The University of Iowa

Date of report: 08-31-2007


 ROGER BALLEW
 BOONE CO PWSD #9
 391 N RANGELINE RD

 COLUMBIA MO 65201

Sample Number 2007027559
Date Received 07-27-2007
Project MORAD 2006
Date Collected 07-25-2007 07:25
Collection Site harg-2001 olivet rd
Collection Town Columbia Mo
Description water
Reference BOONE
Collector DARLING TIM
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: 08-02-2007
 Method: EPA 200.8

Analyst: SB
 Verified: DS

Gross alpha

Analyte	Concentration pCi/L	Uncertainty +/-	Quantitation Limit pCi/L
Gross Alpha	22.6	2.6	0.8

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: 08-03-2007
 Method: EERF 00-02

Analyst: SM
 Verified: MM

Gross Alpha minus Uranium

Analyte	Concentration pCi/L	Uncertainty +/-	Quantitation Limit pCi/L
Compliance gross alpha	22.6	2.6	0.8

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: 08-17-2007
 Method: EERF 00-02

Analyst: MM
 Verified: SM

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Sample Number 2007027559

Sequential Radium 226 and 228

Analyte	Concentration pCi/L	Uncertainty +/-	Quantitation Limit pCi/L
Radium-226	5.9	0.6	0.7
Radium-228	1.1	0.6	0.5
Combined Radiums	7.0		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: 08-23-2007
Method: EPA 904.0,903.0

Analyst: MM
Verified: SM

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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