

# 2013 WATER QUALITY REPORT FOR LAKOTA WATER SUPPLY

This report contains important information regarding the water quality in our water system. The source of our water is groundwater. Our water quality testing shows the following results:

CONTAMINANT	MCL - (MCLG)	Compliance		Date	Violation Yes/No	Source
		Type	Value & (Range)			
Lead (ppb)	AL=15 (0)	90th	ND	2012	No	Corrosion of household plumbing systems; erosion of natural deposits
Copper (ppm)	AL=1.3 (1.3)	90th	0.26 (0.05 - 0.26)	2012	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives
<b>950 - DISTRIBUTION SYSTEM</b>						
Chlorine (ppm)	MRDL=4.0 (MRDLG=4.0)	RAA	1.7 (1.45 - 2.65)	12/31/2013	No	Water additive used to control microbes
Total Trihalomethanes (ppb) [TTHM]	80 (N/A)	SGL	18.00	08/07/2012	No	By-products of drinking water chlorination
Total Haloacetic Acids (ppb) [HAA5]	60 (N/A)	SGL	14.00	08/07/2012	No	By-products of drinking water disinfection
<b>01 - S/EP WELLS #4-1999 AND #2-1925-TREATED</b>						
Combined Radium (pCi/L)	5 (0)	SGL	1.3	03/02/2010	No	Erosion of natural deposits

Note: Contaminants with dates indicate results from the most recent testing done in accordance with regulations.

## DEFINITIONS

- Maximum Contaminant Level (MCL) – The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
- Maximum Contaminant Level Goal (MCLG) -- The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
- ppb -- parts per billion.
- ppm -- parts per million.
- pCi/L – picocuries per liter
- N/A – Not applicable
- ND -- Not detected
- RAA – Running Annual Average
- LRAA – Locational Running Annual Average
- IDSE – Initial Distribution System Evaluation
- Treatment Technique (TT) – A required process intended to reduce the level of a contaminant in drinking water.
- Action Level (AL) – The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
- Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
- SGL – Single Sample Result
- TCR – Total Coliform Rule

## GENERAL INFORMATION

If you are a water wholesaler, you must provide monitoring results to the systems that retail your water by April 1. While the IDNR has already provided this data to the consecutive systems, it is still necessary to provide this as the consecutive system may need to include additional information, such as turbidity data, for which DNR does not have on record.

The Iowa Association of Municipal Utilities IAMU will be conducting CCR training workshops during April (times and locations will be announced in a separate mailing from IAMU).

Direct delivery of the CCR can be accomplished through electronic delivery. Systems electing to distribute the CCR electronically must ensure delivery guidelines are met. To determine if electronic delivery is appropriate for your system, and to ensure distribution meets regulatory requirements, please go to the following link: <http://water.epa.gov/lawsregs/rulesregs/sdwa/ccr/upload/ccrdeliveryoptionsmemo.pdf>

In summary, your water supply must:

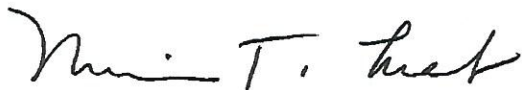
1. Distribute the Consumer Confidence Report to your customers no later than July 1, 2014. Remember to make any changes, if necessary, as discussed above.
2. Send a copy of the report to the IDNR Water Supply Operations Section at 502 E. 9th Street, Wallace State Office Building, Des Moines, IA, 50319-0034, postmarked no later than July 1, 2014.

The IDNR will inform you if you must deliver a copy of your report to any other agency (e.g., County Board of Health).

3. Complete and return the enclosed CCR Certification Form to the IDNR Water Supply Operations Section at 502 E. 9th Street, Wallace State Office Building, Des Moines, IA, 50319-0034, no later than October 1, 2014.

If the provided data does not match your records, or if you have any questions regarding your CCR, please contact me at 515-725-0358.

Sincerely,



MARIE LEAT

Environmental Specialist Water Supply Section

cc: File: LAKOTA WATER SUPPLY, PWSID 5540049