Consumer Notice Instructions: Community PWS

Per the Lead & Copper Rule consumer notice requirements, you must complete the lead consumer notice, distribute the notice to each home or building that was tested with its specific lead result, and submit a certification of your activities and a copy of the notice to Iowa Department of Natural Resources (DNR) at the address listed below.

Consumer Notice Content
You are required to provide the consumer notice to consumers who occupy homes or buildings that are part of your system's lead & copper monitoring program with the analytical results when their drinking water is tested for lead, including those who do not receive water bills. The Consumer Notice must include the mandatory language in the example provided with these instructions. It must be multilingual, where appropriate.

Distribution of the Consumer Notice
Within 30 days of receiving the analytical results from the laboratory, you must provide the required notice to the people served at each residence or building that was a part of the sample plan. The DNR recommends you provide the required notice as soon as available, especially if the result is elevated to allow the customer to take corrective actions in a more timely manner. This can be accomplished through direct mail, including it with the water utility bill, or by hand delivery.

Multi-family dwellings: Where testing occurs in buildings with many units, such as an apartment building, the notice must be provided to each individual unit that was tested. The notice does not have to extend to the entire building.

If you wish to use an alternate method that would still meet the requirements, contact the DNR-Water Supply Operations Section to discuss the method, prior to conducting the notice. (See your current Operation Permit for the contact information.)

Date completed: 09/24/2024 (enclose a copy of notice)

Delivery Certification

I certify under penalty of law that I am familiar with the information submitted in this document and that it is true, accurate, and complete.

Name (print or type) David Frost Title Mechanical Distribution Manager

Signature _____ Date _____

You must send a signed copy of this certification form to the DNR no later than 3 months following the end of the monitoring period. You must include with this certification a representative copy of the consumer notice distributed. Send your consumer notice and certification form to the following address:

Water Supply Operations Section
Iowa Department of Natural Resources
502 E 9th St
Des Moines, IA 50319-0034

Lead and Copper Consumer Notice and Certification Form

PWS Name: Iowa State University PWSID#: 8503528 Date: 09/24/2024

LEAD & COPPER CONSUMER NOTICE
ANALYTICAL RESULTS FOR LEAD & COPPER TAP WATER MONITORING

Our public water supply system is required to periodically collect tap water samples to determine the lead and copper levels in our system. Your residence was selected for this monitoring as part of our system's sample plan. This notice is provided to you with the analytical results of the tap water sample collected at your home.

Sample address: See List attached Sample collection date: 8/23 - 8/27

Analytical Lead result, in mg/L (milligrams per liter): See List Attached

Analytical Copper result, in mg/L (milligrams per liter): See List Attached

Definitions

Action Level (AL): The action level is a concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a public water supply system must follow. The lead action level is 0.015 mg/L. The copper action level is 1.3 mg/L.

Maximum Contaminant Level Goal (MCLG): The maximum contaminant level goal is the level of a contaminant in drinking water below which there is no known or expected risk to health. The MCLG allows for a margin of safety. The lead MCLG is zero. The copper MCLG is 1.3 mg/L.

What are the health effects of lead and how can I reduce my exposure?

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. [NAME OF SYSTEM] is responsible for providing drinking water that meets all federal and state standards, but cannot control the variety of materials used in plumbing components.

When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using the water and using only cold water for drinking or cooking. Information on lead in drinking water and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at *http://www.epa.gov/your-drinking-water/basic-information-about-lead-drinking-water*. When replacing your bathroom or kitchen faucet, consider a "lead-free" faucet that meets NSF/ANSI Standard 61 Annex G (California), which is less than 0.25% lead by weight.

What are the health effects of copper and how can I reduce my exposure?

Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short period of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor. Flushing your tap before using the water as previously described will also reduce copper levels.

Who can I contact at my water system for more information?

Phone number at our public water supply system: (515) 509-1529

E-mail address at our public water supply system: defrost@iastate.edu

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CERTIFICATE OF ANALYSIS

1HH1994

Iowa State University-FP&M

Dave Frost
General Services Bldg
Ames, IA 50011-4001

Project Name: 8503528-

Project / PO Number: C8 02541 26
Received: 08/27/2024
Reported: 09/04/2024

Analytical Testing Parameters

Client Sample ID: Schilleter
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-01
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 9:00

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	<0.0025	0.0025	mg/L	5		08/29/24 1540	08/31/24 0331	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0331	RVV

Client Sample ID: Lied Ree Carter
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-02
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 9:00

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0241**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0336	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0336	RVV

Client Sample ID: Maple Hall
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-03
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 9:38

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0054**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0342	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0342	RVV

Client Sample ID: Elm Hall
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-04
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 9:45

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0771**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0347	RVV
Lead, total	**0.0018**	0.0010	mg/L	5		08/29/24 1540	08/31/24 0347	RVV

Client Sample ID: Birch Hall
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-05
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 9:52

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0317**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0352	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0352	RVV

Client Sample ID: Linden Hall
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-06
Collected By: Hayes, Timothy
Collection Date: 08/23/2024 9:55

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0253**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0357	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0357	RVV

Client Sample ID: Memorial Union
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-07
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 10:02

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0296**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0403	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0403	RVV

Client Sample ID: BeardShear Hall
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-08
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 10:07

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0028**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0418	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0418	RVV

Client Sample ID: Enrollment Services
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-09
Collected By: heuser,Laramie
Collection Date: 08/23/2024 10:14

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0360**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0423	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0423	RVV

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Client Sample ID:	Friley Hall		
Sample Matrix:	Drinking Water	**Collected By:**	Heuser,Laramie
Lab Sample ID:	1HH1994-10	**Collection Date:**	08/23/2024 10:20

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0130**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0429	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0429	RVV

Client Sample ID:	Eaton Hall		
Sample Matrix:	Drinking Water	**Collected By:**	Heuser,Laramie
Lab Sample ID:	1HH1994-11	**Collection Date:**	08/23/2024 10:24

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0133**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0434	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0434	RVV

Client Sample ID:	Black Enginering		
Sample Matrix:	Drinking Water	**Collected By:**	Heuser,Laramie
Lab Sample ID:	1HH1994-12	**Collection Date:**	08/23/2024 10:29

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0191**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0439	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0439	RVV

Client Sample ID:	Town Enginering		
Sample Matrix:	Drinking Water	**Collected By:**	Heuser,Laramie
Lab Sample ID:	1HH1994-13	**Collection Date:**	08/23/2024 10:34

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0175**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0455	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0455	RVV

Client Sample ID:	Durham Center		
Sample Matrix:	Drinking Water	**Collected By:**	Heuser,Laramie
Lab Sample ID:	1HH1994-14	**Collection Date:**	08/23/2024 10:39

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0389**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0521	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0521	RVV

Client Sample ID: Parks Library
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-15
Collected By: heuser,Laramie
Collection Date: 08/23/2024 10:43

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0196**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0526	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0526	RVV

Client Sample ID: Horticulture
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-16
Collection Date: 08/23/2024 10:50

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0319**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0531	RVV
Lead, total	**0.0012**	0.0010	mg/L	5		08/29/24 1540	08/31/24 0531	RVV

Client Sample ID: Bessey Hall
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-17
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 10:52

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0394**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0537	RVV
Lead, total	**0.0048**	0.0010	mg/L	5		08/29/24 1540	08/31/24 0537	RVV

Client Sample ID: Agronomy Addition
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-18
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 11:04

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0138**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0542	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0542	RVV

Client Sample ID: Food Service
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-19
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 11:10

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0411**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0547	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0547	RVV

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Client Sample ID: Agronomy Greenhouse
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-20
Collected By: Hayes, Timothy
Collection Date: 08/23/2024 11:15

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0247**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0552	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0552	RVV

Client Sample ID: Financial Services
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-21
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 11:20

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0178**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0558	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0558	RVV

Client Sample ID: Meat Lab
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-22
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 11:27

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0380**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0603	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0603	RVV

Client Sample ID: Science
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-23
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 11:34

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0185**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0608	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0608	RVV

Client Sample ID: Spedding Hall
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-24
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 11:40

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0055**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0624	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0624	RVV

Client Sample ID: Gilman Addition
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-25
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 11:51

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0121**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0629	RVV
Lead, total	**0.0011**	0.0010	mg/L	5		08/29/24 1540	08/31/24 0629	RVV

Client Sample ID: Molecular Biology
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-26
Collected By: Hayes, Timothy
Collection Date: 08/23/2024 11:56

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0307**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0634	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0634	RVV

Client Sample ID: Publications
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-27
Collected By: Heuser,Laramie
Collection Date: 08/23/2024 12:01

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0428**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0639	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0639	RVV

Client Sample ID: Mackay Hall
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-28
Collected By: heuser,Laramie
Collection Date: 08/27/2024 6:10

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0259**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0645	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0645	RVV

Client Sample ID: Schilleter 39A
Sample Matrix: Drinking Water
Lab Sample ID: 1HH1994-29
Collected By: Heuser,Laramie
Collection Date: 08/26/2024 9:05

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0066**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0650	RVV
Lead, total	<0.0010	0.0010	mg/L	5		08/29/24 1540	08/31/24 0650	RVV

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1HH1994

Client Sample ID:	Schilleter 25A		
Sample Matrix:	Drinking Water	**Collected By:**	Heuser,Laramie
Lab Sample ID:	1HH1994-30	**Collection Date:**	08/26/2024 9:06

Determination of Total Metals	Result	RL	Units	DF	Note	Prepared	Analyzed	Analyst
200.8								
Copper, total	**0.0077**	0.0025	mg/L	5		08/29/24 1540	08/31/24 0655	RVV
Lead, total	**0.0027**	0.0010	mg/L	5		08/29/24 1540	08/31/24 0655	RVV

Definitions

RL: Reporting Limit

Project Requested Certification(s)

Microbac Laboratories, Inc., Newton

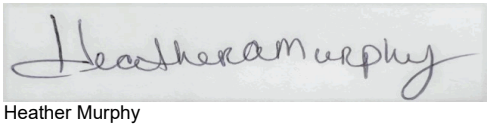
95 Iowa Dept. of Natural Resources

Report Comments

Samples were received in proper condition and the reported results conform to applicable accreditation standard unless otherwise noted.

The data and information on this, and other accompanying documents, represents only the sample(s) analyzed. This report is incomplete unless all pages indicated in the footnote are present and an authorized signature is included. ***The services were provided under and subject to Microbac's standard terms and conditions which can be located and reviewed at <https://www.microbac.com/standard-terms-conditions>.***

Reviewed and Approved By:



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09/04/24 08:21