



Protecting, maintaining and improving the health of all Minnesotans

August 11, 2014

Carleton College
Superintendent of Buildings
One North College Street
Northfield, Minnesota 55057

Gentlemen/Ladies:

SUBJECT: Lead/Copper Tap Water Monitoring Report, PWSID 1660013

This letter is to report the results of your recent lead/copper monitoring that is required by the Safe Drinking Water Act. The results revealed the following 90th percentile levels:

90th percentile lead level = $<1 \mu\text{g/l}$ (rounded as $<0.001 \text{ mg/l}$).
The action level for lead is $15.0 \mu\text{g/l}$.

90th percentile copper level = $35 \mu\text{g/l}$ (rounded as 0.035 mg/l).
The action level for copper is $1300 \mu\text{g/l}$.

Based on these results, your public water system **has not exceeded** the action level for lead and **has not exceeded** the action level for copper.

By federal rule, 40 CFR 141.85, you are required to provide the lead/copper results to persons served at the sites that were tested. In addition, you must provide them with an explanation of the health effects of lead/copper, list steps consumers can take to reduce exposure to lead/copper in drinking water, and water utility contact information. The notification must also provide the maximum contaminant level goals, the action levels for lead/copper, and the definitions for these two terms.

Notification must be made within 30 days by U.S. Mail, hand/direct delivery, or posting. Please refer to the enclosed Lead/Copper Results Delivery Certification form for delivery method requirements. If the residence is a rental property, both the occupant(s) of the residence and rental property owner must be notified. To assist you in meeting the notification requirements, we have enclosed the results notification letters which must be delivered/posted along with a copy of the fact sheet on lead/copper in drinking water.

The lead/copper sampling site addresses are private data. This information was classified as "nonpublic" by the Minnesota Department of Administration in October 2004, upon the request of Minnesota Department of Health (MDH) and Minnesota community water supply systems. When notifying the persons served at the sites that were tested, provide them with the results for that address only.

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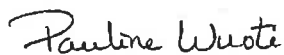
Within 10 days after notifying the residents of their results, you must complete the enclosed Lead/Copper Results Delivery Certification form and return it to us. If you chose not to use the results notification letters MDH sent to you and created your own results notification letters, you must submit a copy of one of the letters along with this certification form. The letter you create must contain the same language as the enclosed results notification letters as this is EPA required language. A return envelope is enclosed for your convenience.

Please note that all enclosures are sent to the addressee of this letter. Persons receiving a copy (cc) of the letter do not receive any enclosures. It is the responsibility of the addressee to follow through with the requirements.

Your next round of lead/copper monitoring has been scheduled for July 2017. Sample bottles will be sent to you from a contract laboratory early in the monitoring period. The enclosed report should be placed in your records and a copy maintained on or near the water supply premises and available for public inspection for not less than ten (10) years.

If you have any questions, please contact me at 651/201-4674, or Lih-in Rezanian at 651/201-4661.

Sincerely,



Pauline A. Wuoti
Community Public Water Supply Unit
Environmental Health Division
P.O. Box 64975
St. Paul, Minnesota 55164-0975

PAW
Enclosures
cc: Water Superintendent



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Sample Location: 215 Goodsell Circle - Olin Hall

From: Carleton College, PWSID 1660013, Phone: 507/222-4132

Thank you for participating in the lead/copper tap monitoring that was recently conducted.

This letter is to report the lead/copper results for the above-designated sample location. The reported results are < 1 parts per billion (ppb) for lead, and 18 ppb for copper.

The 90th percentile lead and copper levels for our system are <1 for lead, and 35 for copper. The action level for lead is 15.0 ppb with the maximum contaminant level goal (MCLG) set at zero. The action level and MCLG for copper is 1300.0 ppb. The results indicate that we have not exceeded lead and have not exceeded copper.

The following definitions will be helpful with regard to the information provided above:

90th Percentile Level - This is the value obtained after disregarding 10 percent of the samples taken that had the highest levels. (For example, in a situation in which 10 samples were taken, the 90th percentile level is determined by disregarding the highest result, which represents 10 percent of the samples.) Note: In situations in which only 5 samples are taken, the average of the two with the highest levels is taken to determine the 90th percentile level.

Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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.

For additional information on lead and copper in your drinking water, please refer to the enclosed fact sheet or go to www.health.state.mn.us/water.



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Sample Location: 214 Winona Street North - Music Hall

From: Carleton College, PWSID 1660013, Phone: 507/222-4132

Thank you for participating in the lead/copper tap monitoring that was recently conducted.

This letter is to report the lead/copper results for the above-designated sample location. The reported results are 2 parts per billion (ppb) for lead, and 9 ppb for copper.

The 90th percentile lead and copper levels for our system are <1 for lead, and 35 for copper. The action level for lead is 15.0 ppb with the maximum contaminant level goal (MCLG) set at zero. The action level and MCLG for copper is 1300.0 ppb. The results indicate that we have not exceeded lead and have not exceeded copper.

The following definitions will be helpful with regard to the information provided above:

90th Percentile Level - This is the value obtained after disregarding 10 percent of the samples taken that had the highest levels. (For example, in a situation in which 10 samples were taken, the 90th percentile level is determined by disregarding the highest result, which represents 10 percent of the samples.) Note: In situations in which only 5 samples are taken, the average of the two with the highest levels is taken to determine the 90th percentile level.

Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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.

For additional information on lead and copper in your drinking water, please refer to the enclosed fact sheet or go to www.health.state.mn.us/water.



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Sample Location: 201 College Street North - Willis Hall

From: Carleton College, PWSID 1660013, Phone: 507/222-4132

Thank you for participating in the lead/copper tap monitoring that was recently conducted.

This letter is to report the lead/copper results for the above-designated sample location. The reported results are < 1 parts per billion (ppb) for lead, and 5 ppb for copper.

The 90th percentile lead and copper levels for our system are <1 for lead, and 35 for copper. The action level for lead is 15.0 ppb with the maximum contaminant level goal (MCLG) set at zero. The action level and MCLG for copper is 1300.0 ppb. The results indicate that we have not exceeded lead and have not exceeded copper.

The following definitions will be helpful with regard to the information provided above:

90th Percentile Level - This is the value obtained after disregarding 10 percent of the samples taken that had the highest levels. (For example, in a situation in which 10 samples were taken, the 90th percentile level is determined by disregarding the highest result, which represents 10 percent of the samples.) Note: In situations in which only 5 samples are taken, the average of the two with the highest levels is taken to determine the 90th percentile level.

Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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.

For additional information on lead and copper in your drinking water, please refer to the enclosed fact sheet or go to www.health.state.mn.us/water.



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Sample Location: 105 College Street - Scoville

From: Carleton College, PWSID 1660013, Phone: 507/222-4132

Thank you for participating in the lead/copper tap monitoring that was recently conducted.

This letter is to report the lead/copper results for the above-designated sample location. The reported results are < 1 parts per billion (ppb) for lead, and 35 ppb for copper.

The 90th percentile lead and copper levels for our system are <1 for lead, and 35 for copper. The action level for lead is 15.0 ppb with the maximum contaminant level goal (MCLG) set at zero. The action level and MCLG for copper is 1300.0 ppb. The results indicate that we have not exceeded lead and have not exceeded copper.

The following definitions will be helpful with regard to the information provided above:

90th Percentile Level - This is the value obtained after disregarding 10 percent of the samples taken that had the highest levels. (For example, in a situation in which 10 samples were taken, the 90th percentile level is determined by disregarding the highest result, which represents 10 percent of the samples.) Note: In situations in which only 5 samples are taken, the average of the two with the highest levels is taken to determine the 90th percentile level.

Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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.

For additional information on lead and copper in your drinking water, please refer to the enclosed fact sheet or go to www.health.state.mn.us/water.



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Sample Location: 405 1st Street East - Chapel

From: Carleton College, PWSID 1660013, Phone: 507/222-4132

Thank you for participating in the lead/copper tap monitoring that was recently conducted.

This letter is to report the lead/copper results for the above-designated sample location. The reported results are < 1 parts per billion (ppb) for lead, and 2 ppb for copper.

The 90th percentile lead and copper levels for our system are <1 for lead, and 35 for copper. The action level for lead is 15.0 ppb with the maximum contaminant level goal (MCLG) set at zero. The action level and MCLG for copper is 1300.0 ppb. The results indicate that we have not exceeded lead and have not exceeded copper.

The following definitions will be helpful with regard to the information provided above:

90th Percentile Level - This is the value obtained after disregarding 10 percent of the samples taken that had the highest levels. (For example, in a situation in which 10 samples were taken, the 90th percentile level is determined by disregarding the highest result, which represents 10 percent of the samples.) Note: In situations in which only 5 samples are taken, the average of the two with the highest levels is taken to determine the 90th percentile level.

Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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.

For additional information on lead and copper in your drinking water, please refer to the enclosed fact sheet or go to www.health.state.mn.us/water.



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Sample Location: 103 Maple Street - Watson

From: Carleton College, PWSID 1660013, Phone: 507/222-4132

Thank you for participating in the lead/copper tap monitoring that was recently conducted.

This letter is to report the lead/copper results for the above-designated sample location. The reported results are < 1 parts per billion (ppb) for lead, and 13 ppb for copper.

The 90th percentile lead and copper levels for our system are <1 for lead, and 35 for copper. The action level for lead is 15.0 ppb with the maximum contaminant level goal (MCLG) set at zero. The action level and MCLG for copper is 1300.0 ppb. The results indicate that we have not exceeded lead and have not exceeded copper.

The following definitions will be helpful with regard to the information provided above:

90th Percentile Level - This is the value obtained after disregarding 10 percent of the samples taken that had the highest levels. (For example, in a situation in which 10 samples were taken, the 90th percentile level is determined by disregarding the highest result, which represents 10 percent of the samples.) Note: In situations in which only 5 samples are taken, the average of the two with the highest levels is taken to determine the 90th percentile level.

Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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.

For additional information on lead and copper in your drinking water, please refer to the enclosed fact sheet or go to www.health.state.mn.us/water.



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Sample Location: 715 Evans Drive - Evans Hall

From: Carleton College, PWSID 1660013, Phone: 507/222-4132

Thank you for participating in the lead/copper tap monitoring that was recently conducted.

This letter is to report the lead/copper results for the above-designated sample location. The reported results are < 1 parts per billion (ppb) for lead, and 42 ppb for copper.

The 90th percentile lead and copper levels for our system are <1 for lead, and 35 for copper. The action level for lead is 15.0 ppb with the maximum contaminant level goal (MCLG) set at zero. The action level and MCLG for copper is 1300.0 ppb. The results indicate that we have not exceeded lead and have not exceeded copper.

The following definitions will be helpful with regard to the information provided above:

90th Percentile Level - This is the value obtained after disregarding 10 percent of the samples taken that had the highest levels. (For example, in a situation in which 10 samples were taken, the 90th percentile level is determined by disregarding the highest result, which represents 10 percent of the samples.) Note: In situations in which only 5 samples are taken, the average of the two with the highest levels is taken to determine the 90th percentile level.

Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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.

For additional information on lead and copper in your drinking water, please refer to the enclosed fact sheet or go to www.health.state.mn.us/water.



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Sample Location: 103 Union Street - Musser Hall

From: Carleton College, PWSID 1660013, Phone: 507/222-4132

Thank you for participating in the lead/copper tap monitoring that was recently conducted.

This letter is to report the lead/copper results for the above-designated sample location. The reported results are < 1 parts per billion (ppb) for lead, and < 1 ppb for copper.

The 90th percentile lead and copper levels for our system are <1 for lead, and 35 for copper. The action level for lead is 15.0 ppb with the maximum contaminant level goal (MCLG) set at zero. The action level and MCLG for copper is 1300.0 ppb. The results indicate that we have not exceeded lead and have not exceeded copper.

The following definitions will be helpful with regard to the information provided above:

90th Percentile Level - This is the value obtained after disregarding 10 percent of the samples taken that had the highest levels. (For example, in a situation in which 10 samples were taken, the 90th percentile level is determined by disregarding the highest result, which represents 10 percent of the samples.) Note: In situations in which only 5 samples are taken, the average of the two with the highest levels is taken to determine the 90th percentile level.

Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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.

For additional information on lead and copper in your drinking water, please refer to the enclosed fact sheet or go to www.health.state.mn.us/water.



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Sample Location: 104 Union Street North - Davis Hall

From: Carleton College, PWSID 1660013, Phone: 507/222-4132

Thank you for participating in the lead/copper tap monitoring that was recently conducted.

This letter is to report the lead/copper results for the above-designated sample location. The reported results are < 1 parts per billion (ppb) for lead, and 3 ppb for copper.

The 90th percentile lead and copper levels for our system are <1 for lead, and 35 for copper. The action level for lead is 15.0 ppb with the maximum contaminant level goal (MCLG) set at zero. The action level and MCLG for copper is 1300.0 ppb. The results indicate that we have not exceeded lead and have not exceeded copper.

The following definitions will be helpful with regard to the information provided above:

90th Percentile Level - This is the value obtained after disregarding 10 percent of the samples taken that had the highest levels. (For example, in a situation in which 10 samples were taken, the 90th percentile level is determined by disregarding the highest result, which represents 10 percent of the samples.) Note: In situations in which only 5 samples are taken, the average of the two with the highest levels is taken to determine the 90th percentile level.

Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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.

For additional information on lead and copper in your drinking water, please refer to the enclosed fact sheet or go to www.health.state.mn.us/water.



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Sample Location: 117 North College Street - Burton Hall

From: Carleton College, PWSID 1660013, Phone: 507/222-4132

Thank you for participating in the lead/copper tap monitoring that was recently conducted.

This letter is to report the lead/copper results for the above-designated sample location. The reported results are < 1 parts per billion (ppb) for lead, and 8 ppb for copper.

The 90th percentile lead and copper levels for our system are <1 for lead, and 35 for copper. The action level for lead is 15.0 ppb with the maximum contaminant level goal (MCLG) set at zero. The action level and MCLG for copper is 1300.0 ppb. The results indicate that we have not exceeded lead and have not exceeded copper.

The following definitions will be helpful with regard to the information provided above:

90th Percentile Level - This is the value obtained after disregarding 10 percent of the samples taken that had the highest levels. (For example, in a situation in which 10 samples were taken, the 90th percentile level is determined by disregarding the highest result, which represents 10 percent of the samples.) Note: In situations in which only 5 samples are taken, the average of the two with the highest levels is taken to determine the 90th percentile level.

Action Level - The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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.

For additional information on lead and copper in your drinking water, please refer to the enclosed fact sheet or go to www.health.state.mn.us/water.