



Protecting, Maintaining and Improving the Health of All Minnesotans

August 26, 2024

Minnewaska School  
c/o Jeremy Armstrong  
25122 Highway 28 West  
Glenwood, Minnesota 56334

Water System Owner/Operator:

SUBJECT: Lead/Copper Tap Water Monitoring Report, Minnewaska School, Glenwood, Pope County, PWSID 5610168

Federal rules under 40 CFR 141.86, as implemented by Minnesota Rules, part 4720.0350, require public water systems to monitor for lead and copper at a specific number of drinking water taps. Compliance with the Lead and Copper Rule (LCR) is based on an Action Level (AL) for lead and copper, as established by the United States Environmental Protection Agency (EPA) under 40 CFR 141.80, as implemented by Minnesota Rule 4720.0350. A system is in exceedance of the AL if the concentration of lead or copper in more than 10 percent of the samples collected in a monitoring period exceeds the AL (known as the 90<sup>th</sup> Percentile Level).

Listed below are the calculated 90<sup>th</sup> percentile values for lead and copper samples collected July 24, 2024, from your water system.

EPA Action Level (micrograms/liter)		Your 90 <sup>th</sup> Percentile Values (micrograms/liter)
LEAD	15	< 1.0
COPPER	1300	39.0

Based on these monitoring results, your public water system has **NOT** exceeded the AL established for lead or copper for this sampling period.

As owner of the water system, you are required to:

- Provide consumer notice to all water users regarding the results of the monitoring. A Consumer Notice packet is enclosed. This packet contains all the materials necessary to complete the Consumer Notice requirements of the LCR:
  - The enclosed Consumer Notice must be posted in a common area visible to all water users **within 30 days of receipt of this letter**. The name of a representative of the water system and phone number must be placed on the notice. We recommend that the posting be kept in place for a minimum of 7 days.
  - Once posted complete and return the enclosed "Consumer Notice Delivery Certification" form.
  - Failure to meet these deadlines will result in a violation.

Minnewaska School

PWSID 5610168

Page 2

August 26, 2024

Your next monitoring is June 1 through August 30, 2027. A sample kit will be sent shortly after the start of the monitoring period. If you have any questions, please contact me at 651/201-4689 or [Rochelle.Steinbruckner@state.mn.us](mailto:Rochelle.Steinbruckner@state.mn.us).

Sincerely,

A handwritten signature in black ink that reads "Rochelle Steinbruckner". The signature is written in a cursive style with a large initial "R".

Rochelle L. Steinbruckner, Compliance Officer  
Noncommunity Public Water Supply Unit  
Drinking Water Protection Section  
P.O. Box 64975  
St. Paul, Minnesota 55164-0975

RLS

Enclosure: Consumer Notice, Consumer Notice Certification, Results  
cc: Jill DeBrito, MDH Sanitarian, Fergus Falls District Office

**Noncommunity Public Water System  
CONSUMER NOTICE  
Minnewaska School  
Lead and Copper Water Sample Results**

A water system's compliance with the Lead and Copper Rule is based on all water samples collected from taps used for drinking or cooking. The lead or copper results at any particular sampling tap may be higher or lower than the compliance limit and do not reflect our water system's compliance with the rule. We will notify all water users if our water system exceeds the lead regulatory limit and provide public education.

We collected the required lead and copper samples for this monitoring period. Results are reported in micrograms per liter ( $\mu\text{g/L}$ ).

The results are:

Location (Site Address)	Site No.	First Draw Sample Results		Collection Date
		Copper ( $\mu\text{g/L}$ )	Lead ( $\mu\text{g/L}$ )	
BOY'S LOCKER	00001	9	< 1	7/24/2024
GIRL'S LOCKER	00002	39	< 1	7/24/2024
AUDITORIUM FOUNT	00003	7	< 1	7/24/2024
CAFETERIA FOUNTAIN	00004	4	< 1	7/24/2024
IN CAFETERIA FOUNTAIN	00005	3	< 1	7/24/2024
C-WING FOUNTAIN	00006	4	< 1	7/24/2024
B-WING FOUNTAIN	00007	22	< 1	7/24/2024
A-WING FOUNTAIN	00008	9	< 1	7/24/2024
LARGE GYM FOUNTAIN	00009	19	< 1	7/24/2024
FRONT LOBBY FOUNTAIN	00010	133	< 1	7/24/2024
<b>90<sup>th</sup> Percentile</b>		<b>39</b>	<b>&lt; 1</b>	<b>7/24/2024</b>

The maximum contaminant level goal (MCLG) is the level of a contaminant in drinking water below which there are no known or expected risks to health. MCLGs allow for a margin of safety. The regulatory limits for lead and copper are called action levels. An exceedance occurs when the concentration of the lead or copper in more than 10 percent of the tap water samples exceeds an action level.

- The MCLG for lead is "0" and the action level is 15  $\mu\text{g/L}$ .
- The MCLG and action level for copper are both 1,300  $\mu\text{g/L}$ .

For more information, please contact:

Name: Jeremy Armstrong  
 Street: 25122 MN - 28  
 City: Glenwood Zip: 56334

*Please share this information with all the other people who drink this water, especially those who may not have received this notice directly. You can do this by posting this notice in a public place or distributing copies by hand or mail.*

**This notice was prepared with guidance from the Minnesota Department of Health.**

## Consumer Notice: Lead in Your Drinking Water

### How Lead Gets Into Water

Lead in drinking water most often comes from water distribution lines or household plumbing rather than from the water system source. Plumbing sources can include lead pipes, lead solder, faucets, valves, and other components made of brass. Lead from other sources (such as lead based paint and contaminated dust or soil) can increase a person's overall exposure, which adds to the effects of lead in water.

### Potential Health Effects of Lead

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

### How Copper Gets Into Water

Copper is a mineral and natural component in soils. In the correct amounts, it is an essential nutrient for humans and plants. Most copper in drinking water comes from corrosion of household plumbing. Plumbing sources can include copper pipe and brass fixtures. Copper from plumbing corrosion can accumulate overnight.

### Potential Health Effects of Copper

The human body has a natural mechanism for maintaining the proper level of copper in it. However, children under one year old have not yet developed this mechanism and, as a result, are more vulnerable to the toxic effects of copper. People with Wilson's disease also have a problem with maintaining the proper balance and should also exercise particular care in limiting exposure to copper.

### How you can reduce exposure:

- If you suspect the water has been sitting in the pipes for several hours, flush the pipe by running the cold-water tap until the water is noticeably colder before using the water for drinking or cooking. **(The longer water has been sitting in the pipes, the more dissolved metals it may contain).**
- Use only cold water for drinking, cooking, and making baby formula. Hot water may contain higher levels of lead or copper.
- Frequently clean the filter screens and aerators in faucets to remove captured particles.
- If building or remodeling, only use "lead free" or low lead piping and materials. Avoid using copper piping or brass fixtures for locations where water will be consumed or used in food preparation (such as kitchen or bathroom sinks).

# Minnesota Department of Health Consumer Notice Certification Form

System Name: Minnewaska School (5610168)

I certify that the above-named water system has completed the required Consumer Notification by performing the actions listed below:

- Placed Consumer Notice information provided in a public place or common area in each of the buildings served by the system:

08 / 26 / 2024

Date Posted

Jeremy Armstrong

Name (please print)

Jeremy Armstrong

Signature of owner or operator

08 / 26 / 2024

Date Mailed/E-mailed

***The Consumer Notice must be posted within 30 days of receipt of this letter. Please submit this form after the Consumer Notice requirements have been completed. Failure to meet this deadline will result in a violation.***

**Return To:**

HEALTH.nonCommunityLeadAndCopper@state.mn.us

OR

Minnesota Department of Health  
Noncommunity Public Water Supply Unit  
c/o Rochelle L. Steinbruckner  
625 Robert Street North  
PO Box 64975  
St. Paul, MN 55164-0975

08/26/2024