

# ***ADAIR COUNTY R-1 SCHOOL DISTRICT***



**Mrs. Robin Daniels**  
**Superintendent**

**600 ROMBAUER AVE.**  
**NOVINGER, MISSOURI 63559-0386**  
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**Mr. Allen McDannald**  
**Principal**

## **Get the Lead out of School Drinking Water Act**

In 2022, Missouri Legislation took a step forward to reduce lead exposure in Missouri children by passing the Get the Lead out of School Drinking Water Act (Section 160.077, RSMo). This Act sets a new standard in Missouri for lead concentrations in school drinking water which is lower than the lead action level set nationally by the Environmental Protection Agency for public water systems. The Act requires schools to conduct inventory, sampling, remediation, and monitoring at all potable drinking water outlets used or potentially be used for drinking, food preparation, and cooking or cleaning utensils in a school building.

For information on lead and exposure, you can find resources on the Centers For Disease Control website. [Lead in Drinking Water | Sources of Lead | CDC](#)

Adair County R-I School has begun the process of testing each possible drinking and food preparation source in our schools and buildings. Additional samples are being collected and results will be updated as received. The results will be fully updated by August 2024. Current beginning samples were tested to determine if the lead concentration in the water was above the required action level of five parts per billion (5 ppb), which is equal to 5 micrograms per liter. The 5 ppb level required by the state is below the Environmental Protection Agency's (EPA's) recommended action level of 15 ppb.

The in progress lead testing results for Adair County R- School are available on page 2 of this document and will be updated as new results are obtained.

Should any current or updated tests in the future show these levels above the standard the district will take the following steps:

1. Provide drinking water at the school outside of water fountains if there is not enough water to meet the needs of the students, teachers, and staff.
2. Determine if the source of the lead is the water pipes of the building or the particular water fixture where the water is dispensed.
3. Install filters on the school water lines, sinks, and water fountains as needed per state guidelines.
4. Complete follow-up testing to ensure that the lead results are below five parts per billion.

**Adair County R-I Lead Testing Results**

Adair County R-I School District  
600 Rombauer  
Novinger, MO 63559

Collector: Unknown  
Phone: (660) 488-6411  
PO Number: Lead Testing

Project: Missouri School

Project Number: Lead Testing

Analyte	Result	MRL	Batch	Method	Analyst	Analyzed	Qualifier
1GF2395-01	HS Boys Bathroom			Matrix: Drink Wtr		Collected: 06/22/23 07:00	
Lead, total	2.1 ppb	0.4	1GG0876	200.8	RVV	07/20/23 2:33	
1GF2395-02	Library			Matrix: Drink Wtr		Collected: 06/22/23 07:00	
Lead, total	0.6 ppb	0.4	1GG0876	200.8	RVV	07/20/23 2:37	
1GF2395-03	Kitchen Hand Sink			Matrix: Drink Wtr		Collected: 06/22/23 07:00	
Lead, total	1.9 ppb	0.4	1GG0876	200.8	RVV	07/20/23 2:41	
1GF2395-04	Cafeteria Water Fountain			Matrix: Drink Wtr		Collected: 06/22/23 07:00	
Lead, total	<0.4 ppb	0.4	1GG0876	200.8	RVV	07/20/23 2:46	
1GF2395-05	Middle School Water Fountain			Matrix: Drink Wtr		Collected: 06/22/23 07:00	
Lead, total	2.8 ppb	0.4	1GG0876	200.8	RVV	07/20/23 2:50	
1GF2395-06	Elm. School Water Fountain			Matrix: Drink Wtr		Collected: 06/22/23 07:00	
Lead, total	1.3 ppb	0.4	1GG0876	200.8	RVV	07/20/23 3:02	
1GF2395-07	Preschool Sink			Matrix: Drink Wtr		Collected: 06/22/23 07:00	
Lead, total	0.8 ppb	0.4	1GG0876	200.8	RVV	07/20/23 3:06	
1GF2395-08	HS Water Fountain			Matrix: Drink Wtr		Collected: 06/22/23 07:00	
Lead, total	0.6 ppb	0.4	1GG0876	200.8	RVV	07/20/23 3:10	
1GF2395-09	HS Kitchen North Sink			Matrix: Drink Wtr		Collected: 06/22/23 07:00	
Lead, total	1.7 ppb	0.4	1GG0876	200.8	RVV	07/20/23 3:15	
1GF2395-10	HS Kitchen South Sink			Matrix: Drink Wtr		Collected: 06/22/23 07:00	
Lead, total	1.9 ppb	0.4	1GG0876	200.8	RVV	07/20/23 3:19	
1GF2395-11	Art			Matrix: Drink Wtr		Collected: 06/22/23 07:00	
Lead, total	2.5 ppb	0.4	1GG0876	200.8	RVV	07/20/23 3:23	
1GF2395-12	HS Girls Bathroom			Matrix: Drink Wtr		Collected: 06/22/23 07:00	

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Samples were preserved in accordance with 40 CFR for pH adjustment unless otherwise noted. MRL= Method Reporting Limit.*

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Adair County R-I School District  
600 Rombauer  
Novinger, MO 63559

July 20, 2023

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Work Order: 1GF2395

1GF2395-12	HS Girls Bathroom	Matrix: Drink Wtr	Collected: 06/22/23 07:00
Lead, total	0.5 ppb	0.4	1GG0876 200.8
			RVV 07/20/23 3:27

**Determination of Total Metals - Quality Control**  
**Keystone Laboratories - Newton**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Batch 1GG0876 - DW Metals Prep</b>										
<b>Blank (1GG0876-BLK1)</b>					Prepared: 07/18/23 Analyzed: 07/20/23					
Lead, total	ND	0.2	ppb							
<b>LCS (1GG0876-BS1)</b>					Prepared: 07/18/23 Analyzed: 07/20/23					
Lead, total	20.0	0.2	ppb	20.0000		99.8	85-115			
<b>Matrix Spike (1GG0876-MS1)</b>					Source: 1GF2064-02 Prepared: 07/18/23 Analyzed: 07/20/23					
Lead, total	38.1	0.4	ppb	40.8163	1.1	90.7	70-130			
<b>Matrix Spike Dup (1GG0876-MSD1)</b>					Source: 1GF2064-02 Prepared: 07/18/23 Analyzed: 07/20/23					
Lead, total	38.9	0.4	ppb	40.8163	1.1	92.5	70-130	1.92	20	

ND = Non Detect; REC= Recovery; RPD= Relative Percent Difference

**Certified Analyses Included In This Report**

Method/Matrix		Analyte	Certifications
200.8 in Drink Wtr		Lead, total	SIA1X,MO-NT
Code	Description	Number	Expires
KS-KC	Kansas Department of Health and Environment-KC	E-10110	04/30/2024
KS-NT	Kansas Department of Health and Environment (NELAP)	E-10287	10/31/2023
MO-KC	Missouri Department of Natural Resources (KC)	140	04/30/2024
MO-NT	Missouri Department of Natural Resources (Newton)	10170	04/30/2026
SIA1X	Iowa Dept. of Natural Resources	95	02/01/2024

End of Report

*Sue Thompson*

Keystone Laboratories  
Sue Thompson  
Client Services Manager

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