

3/27/2024

North Metro Flex Academy
2350 Helen Street North
North St. Paul, MN 55109



Dear Parents/Guardians, Students and Staff,

On February 19th, 2024 North Metro Flex Academy conducted sampling for lead in drinking water. While the major source of lead exposure for most Minnesota children is paint, lead in plumbing fixtures can add to a person's overall exposure. Drinking water in schools and homes may contain lead from old lead pipes, plumbing fixtures (e.g., fountains and faucets), or solder that joins pipe sections together. A school designee sampled 13 taps that are commonly used for drinking and cooking and sent them to a certified drinking water laboratory for analysis. A summary of these results is included with this letter.

None of the taps sampled had results at or above 1.00 parts per billion (ppb) for lead in school drinking water. **Any tap that tested at or above 5 ppb was immediately taken out of service.** 13 total samples were tested, none of the taps required action based on our school testing plan.

Our school is committed to protecting student, teacher, and staff health. If you have questions about a lead sample result at a specific tap and actions taken, or if you have concerns, please contact Chelsea Smieja at csmieja@nmfamn.org.

To learn more about lead hazards and lead poisoning prevention, [MDH Lead Program \(https://www.health.state.mn.us/communities/environment/lead/index.html\)](https://www.health.state.mn.us/communities/environment/lead/index.html).

Sincerely,

Chelsea Smieja
Operations Manager



Final Report

Minnesota Department of Health
Public Health Laboratory
Environmental Laboratory Section
601 Robert St. N., P.O. Box 64899
St. Paul, MN 55164-0899
651-201-5300

PWSID: North Metro Flex Academy
System Name: [none]
City: None

Program Code: HK

Type:

Date Received: 02/20/24 09:06
Rep. Temp. (°C): 14.7

Collector Name: Facility Staff
Collector ID: None

MDH Sample Number: 24B1481-01

Location ID: 101
Sampling Point: Initial

Collect Date: 02/19/24
Collect Time: 07:26
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO₄ Result: None

Results were produced by the Minnesota Department of Health, except where noted.

Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4B0904	02/28/24 13:15	02/28/24 18:25	RCC	EPA 200.8	

MDH Sample Number: 24B1481-02

Location ID: 102
Sampling Point: Initial

Collect Date: 02/19/24
Collect Time: 07:30
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO₄ Result: None

Results were produced by the Minnesota Department of Health, except where noted.

Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4B0904	02/28/24 13:15	02/28/24 18:27	RCC	EPA 200.8	

FINAL REPORT

Report ID: 03182024 93639

Generated: 3/18/2024 9:36:37AM

Authorized by:

Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

*The results in this report apply only to the samples analyzed.
This report must not be reproduced, except in full, without the written approval of the laboratory.*

PWSID: North Metro Flex Academy

MDH Sample Number: 24B1481-03

Location ID: 103
Sampling Point: Initial

Collect Date: 02/19/24
Collect Time: 07:31
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO₄ Result: None

Results were produced by the Minnesota Department of Health, except where noted.

Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4B0904	02/28/24 13:15	02/28/24 18:30	RCC	EPA 200.8	

MDH Sample Number: 24B1481-04

Location ID: 104
Sampling Point: Initial

Collect Date: 02/19/24
Collect Time: 07:40
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO₄ Result: None

Results were produced by the Minnesota Department of Health, except where noted.

Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4B0904	02/28/24 13:15	02/28/24 18:38	RCC	EPA 200.8	

MDH Sample Number: 24B1481-05

Location ID: 105
Sampling Point: Initial

Collect Date: 02/19/24
Collect Time: 07:32
Matrix: Drinking Water

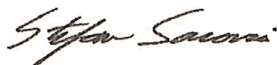
Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO₄ Result: None

Results were produced by the Minnesota Department of Health, except where noted.

Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4B0904	02/28/24 13:15	02/28/24 18:40	RCC	EPA 200.8	

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PWSID: North Metro Flex Academy

MDH Sample Number: 24B1481-06

Location ID: 106
Sampling Point: Initial

Collect Date: 02/19/24
Collect Time: 07:32
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO₄ Result: None

Results were produced by the Minnesota Department of Health, except where noted.

Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4B0904	02/28/24 13:15	02/28/24 18:43	RCC	EPA 200.8	

MDH Sample Number: 24B1481-07

Location ID: 107
Sampling Point: Initial

Collect Date: 02/19/24
Collect Time: 07:33
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO₄ Result: None

Results were produced by the Minnesota Department of Health, except where noted.

Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4B0904	02/28/24 13:15	02/28/24 18:46	RCC	EPA 200.8	

MDH Sample Number: 24B1481-08

Location ID: 108
Sampling Point: Initial

Collect Date: 02/19/24
Collect Time: 07:35
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO₄ Result: None

Results were produced by the Minnesota Department of Health, except where noted.

Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4B0904	02/28/24 13:15	02/28/24 18:48	RCC	EPA 200.8	

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PWSID: North Metro Flex Academy

MDH Sample Number: 24B1481-09

Location ID: 109
Sampling Point: Initial

Collect Date: 02/19/24
Collect Time: 07:35
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4B0904	02/28/24 13:15	02/28/24 18:51	RCC	EPA 200.8	

MDH Sample Number: 24B1481-10

Location ID: 110
Sampling Point: Initial

Collect Date: 02/19/24
Collect Time: 07:36
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4B0904	02/28/24 13:15	02/28/24 18:54	RCC	EPA 200.8	

MDH Sample Number: 24B1481-11

Location ID: 111
Sampling Point: Initial

Collect Date: 02/19/24
Collect Time: 07:37
Matrix: Drinking Water

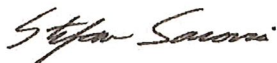
Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

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Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4B0904	02/28/24 13:15	02/28/24 19:01	RCC	EPA 200.8	

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651-201-5300

PWSID: North Metro Flex Academy

MDH Sample Number: 24B1481-12

Location ID: 112
Sampling Point: Initial

Collect Date: 02/19/24
Collect Time: 07:38
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4B0904	02/28/24 13:15	02/28/24 19:04	RCC	EPA 200.8	

MDH Sample Number: 24B1481-13

Location ID: 113
Sampling Point: Initial

Collect Date: 02/19/24
Collect Time: 07:39
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO4 Result: None

Results were produced by the Minnesota Department of Health, except where noted.

Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4B0904	02/28/24 13:15	02/28/24 19:07	RCC	EPA 200.8	

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Batch B4B0904 - EPA 200 Series Prep

Blank (B4B0904-BLK1)

Prepared: 02/28/24 13:15 Analyzed: 02/28/24 18:19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	<	1.00	ug/L							RCC	

LCS (B4B0904-BS1)

Prepared: 02/28/24 13:15 Analyzed: 02/28/24 18:22

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	47.6		ug/L	50		95	85-115			RCC	

Duplicate (B4B0904-DUP1)

Source: 24B1481-03

Prepared: 02/28/24 13:15 Analyzed: 02/28/24 18:33

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	<	1.00	ug/L		<				20	RCC	

Duplicate (B4B0904-DUP2)

Source: 24B1603-03

Prepared: 02/28/24 13:15 Analyzed: 02/28/24 19:23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	<	1.00	ug/L		<				20	RCC	

Matrix Spike (B4B0904-MS1)

Source: 24B1481-03

Prepared: 02/28/24 13:15 Analyzed: 02/28/24 18:35

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	44.1		ug/L	50		88	70-130			RCC	

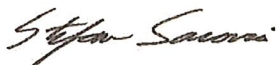
Matrix Spike (B4B0904-MS2)

Source: 24B1603-03

Prepared: 02/28/24 13:15 Analyzed: 02/28/24 19:25

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	44.4		ug/L	50		89	70-130			RCC	

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Work Order Comments

Samples were received in proper condition.

FINAL REPORT

Report ID: 03182024 93639

Generated: 3/18/2024 9:36:37AM

Authorized by:

A handwritten signature in black ink that reads 'Stefan Saravia'.

Stefan Saravia, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health

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