

## 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: Art and Science Academy Program Code: HK Type:  
System Name: 00004227  
City: None

Date Received: 09/13/24 10:21 Collector Name: Facility Staff  
Rep. Temp. (°C): 23.8 Collector ID: None

### MDH Sample Number: 24I1696-01

Location ID: 102 Collect Date: 09/12/24 Field Residual Chlorine Result: None  
Sampling Point: Initial Collect Time: 07:15 Field Fluoride Result: None  
Matrix: Drinking Water Field pH Result: None  
Field PO<sub>4</sub> 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	B4J0910	10/08/24 11:32	10/08/24 15:06	RCC	EPA 200.8	V1

### MDH Sample Number: 24I1696-02

Location ID: 103 Collect Date: 09/12/24 Field Residual Chlorine Result: None  
Sampling Point: Initial Collect Time: 07:15 Field Fluoride Result: None  
Matrix: Drinking Water Field pH Result: None  
Field PO<sub>4</sub> Result: None

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#### Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4J0910	10/08/24 11:32	10/08/24 15:08	RCC	EPA 200.8	V1

FINAL REPORT

Report ID: 10102024 91940

Generated: 10/10/2024 9:19:33AM

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

PWSID: Art and Science Academy

## MDH Sample Number: 24I1696-03

Location ID: 104  
Sampling Point: Initial

Collect Date: 09/12/24  
Collect Time: 07:18  
Matrix: Drinking Water

Field Residual Chlorine Result: None  
Field Fluoride Result: None  
Field pH Result: None  
Field PO<sub>4</sub> Result: None

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### Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4J0910	10/08/24 11:32	10/08/24 15:11	RCC	EPA 200.8	V1

## MDH Sample Number: 24I1696-04

Location ID: 105  
Sampling Point: Initial

Collect Date: 09/12/24  
Collect Time: 07:19  
Matrix: Drinking Water

Field Residual Chlorine Result: None  
Field Fluoride Result: None  
Field pH Result: None  
Field PO<sub>4</sub> Result: None

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### Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4J0910	10/08/24 11:32	10/08/24 15:14	RCC	EPA 200.8	V1

## MDH Sample Number: 24I1696-05

Location ID: 201  
Sampling Point: Initial

Collect Date: 09/12/24  
Collect Time: 07:25  
Matrix: Drinking Water

Field Residual Chlorine Result: None  
Field Fluoride Result: None  
Field pH Result: None  
Field PO<sub>4</sub> 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	B4J0910	10/08/24 11:32	10/08/24 15:22	RCC	EPA 200.8	V1

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## MDH Sample Number: 24I1696-06

Location ID: 202  
Sampling Point: Initial

Collect Date: 09/12/24  
Collect Time: 07:25  
Matrix: Drinking Water

Field Residual Chlorine Result: None  
Field Fluoride Result: None  
Field pH Result: None  
Field PO<sub>4</sub> Result: None

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### Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4J0910	10/08/24 11:32	10/08/24 15:24	RCC	EPA 200.8	V1

## MDH Sample Number: 24I1696-07

Location ID: 203  
Sampling Point: Initial

Collect Date: 09/12/24  
Collect Time: 07:24  
Matrix: Drinking Water

Field Residual Chlorine Result: None  
Field Fluoride Result: None  
Field pH Result: None  
Field PO<sub>4</sub> Result: None

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### Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4J0911	10/08/24 11:34	10/08/24 15:37	RCC	EPA 200.8	V1

## MDH Sample Number: 24I1696-08

Location ID: 205  
Sampling Point: Initial

Collect Date: 09/12/24  
Collect Time: 07:23  
Matrix: Drinking Water

Field Residual Chlorine Result: None  
Field Fluoride Result: None  
Field pH Result: None  
Field PO<sub>4</sub> Result: None

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### Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4J0911	10/08/24 11:34	10/08/24 15:40	RCC	EPA 200.8	V1

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## MDH Sample Number: 24I1696-09

Location ID: 206  
Sampling Point: Initial

Collect Date: 09/12/24  
Collect Time: 07:26  
Matrix: Drinking Water

Field Residual Chlorine Result: None  
Field Fluoride Result: None  
Field pH Result: None  
Field PO<sub>4</sub> Result: None

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### Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4J0911	10/08/24 11:34	10/08/24 15:42	RCC	EPA 200.8	V1

## MDH Sample Number: 24I1696-10

Location ID: 207  
Sampling Point: Initial

Collect Date: 09/12/24  
Collect Time: 07:27  
Matrix: Drinking Water

Field Residual Chlorine Result: None  
Field Fluoride Result: None  
Field pH Result: None  
Field PO<sub>4</sub> Result: None


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### Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Lead	<	1.00	ug/L	B4J0911	10/08/24 11:34	10/08/24 15:50	RCC	EPA 200.8	V1

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## Batch B4J0910 - EPA 200 Series Prep

### Blank (B4J0910-BLK1)

Prepared: 10/08/24 11:32 Analyzed: 10/08/24 14:14

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	<	1.00	ug/L							RCC	V1

### LCS (B4J0910-BS1)

Prepared: 10/08/24 11:32 Analyzed: 10/08/24 14:16

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	51.7		ug/L	50		103	85-115			RCC	V1

### Duplicate (B4J0910-DUP1)

Source: 2411659-25

Prepared: 10/08/24 11:32 Analyzed: 10/08/24 14:27

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	<	1.00	ug/L		<				20	RCC	V1

### Duplicate (B4J0910-DUP2)

Source: 2411696-04

Prepared: 10/08/24 11:32 Analyzed: 10/08/24 15:16

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	<	1.00	ug/L		<				20	RCC	V1

### Matrix Spike (B4J0910-MS1)

Source: 2411659-25

Prepared: 10/08/24 11:32 Analyzed: 10/08/24 14:29

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	48.9		ug/L	50		98	70-130			RCC	V1

### Matrix Spike (B4J0910-MS2)

Source: 2411696-04

Prepared: 10/08/24 11:32 Analyzed: 10/08/24 15:19

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	47.5		ug/L	50		95	70-130			RCC	V1

## Batch B4J0911 - EPA 200 Series Prep

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Batch B4J0911 - EPA 200 Series Prep

Blank (B4J0911-BLK1)

Prepared: 10/08/24 11:34 Analyzed: 10/08/24 15:32

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

LCS (B4J0911-BS1)

Prepared: 10/08/24 11:34 Analyzed: 10/08/24 15:35

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	51.7		ug/L	50		103	85-115			RCC	

Duplicate (B4J0911-DUP1)

Source: 24I1696-09

Prepared: 10/08/24 11:34 Analyzed: 10/08/24 15:45

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 (B4J0911-DUP2)

Source: 24I2175-11

Prepared: 10/08/24 11:34 Analyzed: 10/08/24 16:35

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	2.46	1.00	ug/L		2.43			0.9	20	RCC	

Matrix Spike (B4J0911-MS1)

Source: 24I1696-09

Prepared: 10/08/24 11:34 Analyzed: 10/08/24 15:48

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	48.7		ug/L	50		97	70-130			RCC	

Matrix Spike (B4J0911-MS2)

Source: 24I2175-11

Prepared: 10/08/24 11:34 Analyzed: 10/08/24 16:37

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	49.8		ug/L	50		95	70-130			RCC	

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Data Qualifiers and Definitions

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V1 Calibration verification standard recovery was above method acceptance limits. This target analyte was not detected in the sample.

Work Order Comments

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Samples were received in proper condition.

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