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
System Name: 00004227
City: None

Program Code: HK

Type:

Date Received: 09/13/24 10:21
Rep. Temp. (°C): 23.8

Collector Name: Facility Staff
Collector ID: None

MDH Sample Number: 24I1696-01

Location ID: 102
Sampling Point: Initial

Collect Date: 09/12/24
Collect Time: 07:15
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO_4 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
Sampling Point: Initial

Collect Date: 09/12/24
Collect Time: 07:15
Matrix: Drinking Water

Field Residual Chlorine Result: None
Field Fluoride Result: None
Field pH Result: None
Field PO_4 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 15:08	RCC	EPA 200.8	V1

Authorized by:

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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_4 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 15:11	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_4 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 15:14	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_4 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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PWSID: Art and Science Academy

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_4 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 15:24	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_4 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_4 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	B4J0911	10/08/24 11:34	10/08/24 15:40	RCC	EPA 200.8	V1

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PWSID: Art and Science Academy

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_4 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	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_4 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: 24I1659-25 — **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: 24I1696-04 — **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: 24I1659-25 — **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: 24I1696-04 — **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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Final Report

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Data Qualifiers and Definitions

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

Work Order Comments

Samples were received in proper condition.

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