



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: Cologne Academy Program Code: HK Type:
System Name: [none]
City: None

Date Received: 04/17/24 10:14 Collector Name: Facility Staff
Rep. Temp. (°C): 17.1 Collector ID: None

MDH Sample Number: 24D1113-01

Location ID: 101 Collect Date: 04/15/24 Field Residual Chlorine Result: None
Sampling Point: Initial Collect Time: 07:16 Field Fluoride Result: None
Matrix: Drinking Water 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	B4D1199	04/24/24 10:20	04/24/24 16:51	RCC	EPA 200.8	

MDH Sample Number: 24D1113-02

Location ID: 102 Collect Date: 04/15/24 Field Residual Chlorine Result: None
Sampling Point: Initial Collect Time: 07:14 Field Fluoride Result: None
Matrix: Drinking Water 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	B4D1199	04/24/24 10:20	04/24/24 16:53	RCC	EPA 200.8	

Authorized by:

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

PWSID: Cologne Academy

MDH Sample Number: 24D1113-03

Location ID: 103
 Sampling Point: Initial

Collect Date: 04/15/24
 Collect Time: 07:12
 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	B4D1199	04/24/24 10:20	04/24/24 16:56	RCC	EPA 200.8	

MDH Sample Number: 24D1113-04

Location ID: 104
 Sampling Point: Initial

Collect Date: 04/15/24
 Collect Time: 07:10
 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	B4D1199	04/24/24 10:20	04/24/24 16:59	RCC	EPA 200.8	

MDH Sample Number: 24D1113-05

Location ID: 105
 Sampling Point: Initial

Collect Date: 04/15/24
 Collect Time: 07:09
 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	B4D1199	04/24/24 10:20	04/24/24 17:01	RCC	EPA 200.8	

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Batch B4D1199 - EPA 200 Series Prep

Blank (B4D1199-BLK1) Prepared: 04/24/24 10:20 Analyzed: 04/24/24 16:27

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

LCS (B4D1199-BS1) Prepared: 04/24/24 10:20 Analyzed: 04/24/24 16:30

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	46.8		ug/L	50		94	85-115			RCC	

Duplicate (B4D1199-DUP1) Source: 24D0958-38 Prepared: 04/24/24 10:20 Analyzed: 04/24/24 16:40

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 (B4D1199-DUP2) Source: 24D1127-08 Prepared: 04/24/24 10:20 Analyzed: 04/24/24 17:30

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	2.45	1.00	ug/L		2.41			1	20	RCC	

Matrix Spike (B4D1199-MS1) Source: 24D0958-38 Prepared: 04/24/24 10:20 Analyzed: 04/24/24 16:43

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	50.5		ug/L	50		101	70-130			RCC	

Matrix Spike (B4D1199-MS2) Source: 24D1127-08 Prepared: 04/24/24 10:20 Analyzed: 04/24/24 17:33

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	52.6		ug/L	50		100	70-130			RCC	

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Work Order Comments

Samples were received in proper condition.

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