

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: 1020015 Program Code: HZ Type: X

System Name: MN Correctional Facility - Lino Lakes

City: Lino Lakes

Date Received: 09/04/25 13:54 Collector Name: Daniel Aggaard

Rep. Temp. (°C): 14.1 Collector ID: None

MDH Sample Number: 25I0359-01

Location ID: A01 Collect Date: 09/04/25 Field Residual Chlorine Result: None

Sampling Point: 0.5 L - West Living C Unit Cell 105,205 Collect Time: 12:16 Field Fluoride Result: None

Matrix: Wtr-Drink 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
Copper	214	10.0	ug/L	B5I0947	09/10/25 07:30	09/10/25 11:46	RCC	EPA 200.8	_
Lead	<	1.00	ug/L	B5I0947	09/10/25 07:30	09/10/25 11:46	RCC	EPA 200.8	

MDH Sample Number: 2510359-02

Location ID: A01 Collect Date: 09/04/25 Field Residual Chlorine Result: None

Sampling Point: 0.5 L - Mayo Living Unit Kitchen

Collect Time: 12:40

Matrix: Wtr-Drink

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
Copper	68.8	10.0	ug/L	B510947	09/10/25 07:30	09/10/25 11:47	RCC	EPA 200.8	
Lead	<	1.00	ug/L	B5I0947	09/10/25 07:30	09/10/25 11:47	RCC	EPA 200.8	

FINAL REPORT Report ID: 09112025104355 Generated: 9/11/2025 10:43:52AM

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PWSID: 1020015

MDH Sample Number: 25l0359-03

Location ID: A01 Collect Date: 09/04/25 Field Residual Chlorine Result: None Collect Time: 12:25

Sampling Point: 0.5 L - South Living C Unit Cell 221-222 Matrix: Wtr-Drink Field pH Result: None

Field PO₄ Result: None

Field Fluoride Result: None

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Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Copper	78.3	10.0	ug/L	B510947	09/10/25 07:30	09/10/25 11:48	RCC	EPA 200.8	
Lead	<	1.00	ug/L	B5I0947	09/10/25 07:30	09/10/25 11:48	RCC	EPA 200.8	

MDH Sample Number: 2510359-04

Location ID: A01 Collect Date: 09/04/25 Field Residual Chlorine Result: None

Sampling Point: 0.5 L - South Living B Unit Cell 221-222 Field Fluoride Result: None Collect Time: 12:28 Matrix: Wtr-Drink 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
Copper	51.2	10.0	ug/L	B510947	09/10/25 07:30	09/10/25 11:49	RCC	EPA 200.8	
Lead	<	1.00	ug/L	B5I0947	09/10/25 07:30	09/10/25 11:49	RCC	EPA 200.8	

MDH Sample Number: 2510359-05

Collect Date: 09/04/25 Location ID: A01 Field Residual Chlorine Result: None

Sampling Point: 0.5 L - South Living A Unit Cell 221-222 Collect Time: 12:31 Field Fluoride Result: None Field pH Result: None Matrix: Wtr-Drink

Field PO₄ Result: None

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Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Copper	77.4	10.0	ug/L	B510947	09/10/25 07:30	09/10/25 11:50	RCC	EPA 200.8	
Lead	<	1.00	ug/L	B5I0947	09/10/25 07:30	09/10/25 11:50	RCC	EPA 200.8	

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Batch B5I0947 - EPA 200 Series F	Prep											
Blank (B5l0947-BLK1)		Prepared: 09/10/25 07:30 Analyzed: 09/10/25 11:22 Reporting Spike Source RPD										
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers	
Copper	<	10.0	ug/L							RCC		
Lead	<	1.00	ug/L							RCC		
LCS (B510947-BS1)					-	d: 09/10/2	25 07:30 Analyze	ed: 09/10				
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers	
Copper	49.3		ug/L	50		99	85-115			RCC		
Lead	48.3		ug/L	50		97	85-115			RCC		
Duplicate (B5l0947-DUP1)		Source: 25	H2852-02		Prepare	d: 09/10/2	25 07:30 Analyze	ed: 09/10/	25 11:25			
Analyte	Result	Reporting	Units	Spike	Source	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers	
Copper	39.8	Limit 10.0	ug/L	Level	Result 40.4			2	Limit 20	RCC		
rr	55.0		J.					_				
Lead	<	1.00	ug/L		<				20	RCC		
Duplicate (B5l0947-DUP2)		Source: 25 Reporting	-	Spike	Prepare Source	d: 09/10/2 %REC	25 07:30 Analyze %REC Limits	ed: 09/10 / RPD	25 11:51 RPD	RCC	Qualifiers	
Duplicate (B5l0947-DUP2) Analyte		Source: 25	10359-05	Spike Level	Prepare		_		25 11:51		Qualifiers	
Duplicate (B5l0947-DUP2) Analyte Copper	Result	Source: 25 Reporting Limit	10359-05 Units	•	Prepared Source Result		_	RPD	25 11:51 RPD Limit	Init.	Qualifiers	
Duplicate (B5l0947-DUP2) Analyte Copper Lead	Result 78.4	Source: 25 Reporting Limit 10.0	Units ug/L ug/L	•	Prepared Source Result 77.4	%REC	_	RPD 1 1	25 11:51 RPD <u>Limit</u> 20 20	Init.	Qualifiers	
Duplicate (B5l0947-DUP2) Analyte Copper Lead Matrix Spike (B5l0947-MS1)	Result 78.4 0.66	Source: 25 Reporting Limit 10.0 1.00 Source: 25	Units ug/L ug/L	Level	Prepared Source Result 77.4 < Prepared Source	%REC	%REC Limits	RPD 1 1	25 11:51 RPD Limit 20 20 25 11:27 RPD	Init.		
Duplicate (B5l0947-DUP2) Analyte Copper Lead Matrix Spike (B5l0947-MS1)	78.4 0.66	Source: 25 Reporting Limit 10.0 1.00 Source: 25	Units ug/L ug/L	Level	Prepared Source Result 77.4 <	%REC	%REC Limits	RPD 1 1	25 11:51 RPD Limit 20 20 20	Init. RCC RCC		
Duplicate (B510947-DUP2) Analyte Copper Lead Matrix Spike (B510947-MS1) Analyte Copper	Result 78.4 0.66	Source: 25 Reporting Limit 10.0 1.00 Source: 25	Units Units ug/L ug/L H2852-02	Level Spike Level	Prepared Source Result 77.4 < Prepared Source	%REC	%REC Limits 25 07:30 Analyze %REC Limits	RPD 1 1	25 11:51 RPD Limit 20 20 25 11:27 RPD	Init. RCC RCC		
Duplicate (B510947-DUP2) Analyte Copper Lead Matrix Spike (B510947-MS1) Analyte Copper	Result 78.4 0.66 Result 84.9	Source: 25 Reporting Limit 10.0 1.00 Source: 25	Units Ug/L ug/L H2852-02 Units ug/L ug/L	Spike Level 50	Preparer Source Result 77.4 < Preparer Source Result	%REC d: 09/10/2 %REC 89 98	%REC Limits 25 07:30 Analyze %REC Limits 70-130	RPD 1 1 1 ed: 09/10 / RPD	25 11:51 RPD Limit 20 20 25 11:27 RPD Limit	Init. RCC RCC		
Duplicate (B510947-DUP2) Analyte Copper Lead Matrix Spike (B510947-MS1) Analyte Copper Lead Matrix Spike (B510947-MS2)	Result 78.4 0.66 Result 84.9 49.1	Source: 25 Reporting Limit 10.0 1.00 Source: 25 Reporting Limit Source: 25 Reporting	Units Ug/L ug/L H2852-02 Units ug/L ug/L	Spike Level 50 50	Prepared Source Result 77.4 < Prepared Source Result Prepared Source	%REC d: 09/10/2 %REC 89 98	%REC Limits 25 07:30 Analyze %REC Limits 70-130 70-130	RPD 1 1 1 ed: 09/10 / RPD	25 11:51 RPD Limit 20 20 25 11:27 RPD Limit 25 11:53 RPD	Init. RCC RCC	Qualifiers	
Duplicate (B510947-DUP2) Analyte Copper Lead Matrix Spike (B510947-MS1) Analyte Copper Lead	Result Result 84.9 49.1	Source: 25 Reporting Limit 10.0 1.00 Source: 25 Reporting Limit Source: 25	Units Ug/L ug/L H2852-02 Units ug/L ug/L 10359-05	Spike Level 50 50	Prepared Source Result 77.4 < Prepared Source Result Prepared	%REC d: 09/10/2 %REC 89 98	%REC Limits 25 07:30 Analyze %REC Limits 70-130 70-130	RPD 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	25 11:51 RPD Limit 20 20 25 11:27 RPD Limit	Init. RCC RCC Init. RCC RCC	Qualifiers	

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Batch B5I0947 - EPA 200 Series Pr	ер									
Matrix Spike (B510947-MS2)	Source: 2	510359-05		Prepared	d: 09/10/2	25 07:30 Analyze	ed: 09/10/	25 11:53		
Analyte	Reporting Result Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Lead	47.4	ug/L	50		94	70-130			RCC	

Work Order Comments

Program Code is HZ and sample type is X per C. Larson. -CTS 09/05/25

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