



Protecting, Maintaining and Improving the Health of All Minnesotans

To: Community Water System Owner/Operator

From: Community Water Supply Unit
Section of Drinking Water Protection

Subject: Sample Analysis Results for your Public Water System

Enclosed are the results of analyses performed on water sample(s) collected from your public water system. These results show that your system is in compliance with maximum contaminant levels set by the state and federal Safe Drinking Water Rules for the contaminants analyzed. These results must be kept in your files for a minimum of ten (10) years.

Analyses are attached for the contaminant groups checked below:

- Ammonia, Coliform Bacteria, Inorganics, Nitrate, Nitrite, Radiochemical(s), Radon (proposed rule-MCL 4000), Synthetic Organics, Trihalomethanes/Haloacetic Acids, Volatile Organics, Other

If you have any questions concerning these results, please contact your Department of Health district engineer.

Table with 2 columns: City and Contact Information. Rows include Bemidji, Duluth, Fergus Falls, Mankato, Marshall, Rochester, and St. Cloud.





# 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: 1700021  
System Name: Westridge Lake Estates  
City: Shakopee

Program Code: HC

Type: B

Date Received: 08/27/21 07:22  
Rep. Temp. (°C): 4.9

Collector Name: Jessie Kolar  
Collector ID: 8106

## MDH Sample Number: 21H2331-01

Location ID: D01  
Sampling Point: Distribution

Collect Date: 08/26/21  
Collect Time: 10:00  
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.

### General Chemistry Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Fluoride, Total	<	0.20	mg/L	B110771	09/08/21 09:05	09/08/21 17:32	NMT	SM 4500-F C 22nd ED	

## MDH Sample Number: 21H2331-02

Location ID: E03  
Sampling Point: COMBINED DISCHARGE

Collect Date: 08/26/21  
Collect Time: 10:05  
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.

### General Chemistry Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Sulfate	28.2	0.50	mg/L	B110663	09/01/21 12:21	09/10/21 15:40	NMT	EPA 300.1	

### Metal Parameters

Analyte	Result	Reporting Limit	Units	Batch	Prepared	Analyzed	Init.	Method	Qualifiers
Sodium	5.94	0.50	mg/L	B110803	09/09/21 11:39	09/10/21 10:46	DVH	EPA 200.7	

FINAL REPORT

Report ID: 09212021151607

Generated: 9/21/2021 3:15:54PM

Authorized by:

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Paul Moyer, Environmental Laboratory Manager  
Public Health Laboratory, Minnesota Department of Health



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Batch B110663 - General Chemistry Prep

Blank (B110663-BLK1)

Prepared: 09/01/21 12:21 Analyzed: 09/10/21 11:54

Table with 12 columns: Analyte, Result, Reporting Limit, Units, Spike Level, Source Result, %REC, %REC Limits, RPD, RPD Limit, Init., Qualifiers. Row for Sulfate shows result < 0.50 mg/L, NMT.

LCS (B110663-BS1)

Prepared: 09/01/21 12:21 Analyzed: 09/10/21 12:13

Table with 12 columns. Row for Sulfate shows result 101 mg/L, 101 %REC, 85-115 %REC Limits, NMT.

Duplicate (B110663-DUP1)

Source: 21H2069-01

Prepared: 09/01/21 12:21 Analyzed: 09/10/21 12:51

Table with 12 columns. Row for Sulfate shows result 17.2 mg/L, 17.2 %REC, 0.1 RPD, 10 RPD Limit, NMT.

Duplicate (B110663-DUP2)

Source: 21H2074-01

Prepared: 09/01/21 12:21 Analyzed: 09/10/21 13:29

Table with 12 columns. Row for Sulfate shows result 73.4 mg/L, 73.4 %REC, 0.07 RPD, 10 RPD Limit, NMT.

Matrix Spike (B110663-MS1)

Source: 21H2077-01

Prepared: 09/01/21 12:21 Analyzed: 09/10/21 14:06

Table with 12 columns. Row for Sulfate shows result 106 mg/L, 106 %REC, 75-125 %REC Limits, NMT.

Matrix Spike (B110663-MS3)

Source: 21H2228-01RE1

Prepared: 09/01/21 12:21 Analyzed: 09/16/21 13:47

Table with 12 columns. Row for Sulfate shows result 1660 mg/L, 1160 %REC, 101 %REC, 75-125 %REC Limits, NMT, D2.

Batch B110771 - General Chemistry Prep

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Handwritten signature of Paul Moyer

Paul Moyer, Environmental Laboratory Manager
Public Health Laboratory, Minnesota Department of Health



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**Batch B110771 - General Chemistry Prep**

Blank (B110771-BLK1) Prepared: 09/08/21 09:05 Analyzed: 09/08/21 17:03

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Fluoride, Total	<	0.20	mg/L							NMT	

LCS (B110771-BS1) Prepared: 09/08/21 09:05 Analyzed: 09/08/21 17:06

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Fluoride, Total	1.99		mg/L	2		100	90-110			NMT	

Duplicate (B110771-DUP1) Source: 21H2285-01 Prepared: 09/08/21 09:05 Analyzed: 09/08/21 17:12

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Fluoride, Total	0.51	0.20	mg/L		0.51			0	10	NMT	

Matrix Spike (B110771-MS1) Source: 21H2311-01 Prepared: 09/08/21 09:05 Analyzed: 09/08/21 17:18

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Fluoride, Total	3.10		mg/L	2		98	90-110			NMT	

Matrix Spike Dup (B110771-MSD1) Source: 21H2311-01 Prepared: 09/08/21 09:05 Analyzed: 09/08/21 17:21

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Fluoride, Total	3.13		mg/L	2		99	90-110	0.9	10	NMT	

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Batch B110803 - Metals Prep

**Blank (B110803-BLK1)**

Prepared: 09/09/21 11:39 Analyzed: 09/10/21 09:36

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Sodium	<	0.50	mg/L							DVH	

**LCS (B110803-BS1)**

Prepared: 09/09/21 11:39 Analyzed: 09/10/21 09:38

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Sodium	9.72		mg/L	10		97	85-115			DVH	

**Duplicate (B110803-DUP1)**

Source: 21H1762-01

Prepared: 09/09/21 11:39 Analyzed: 09/10/21 09:47

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Sodium	11.0	0.50	mg/L		11.4			4	20	DVH	

**Duplicate (B110803-DUP2)**

Source: 21H2329-01

Prepared: 09/09/21 11:39 Analyzed: 09/10/21 10:28

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Sodium	5.58	0.50	mg/L		5.51			1	20	DVH	

**Matrix Spike (B110803-MS1)**

Source: 21H1762-01

Prepared: 09/09/21 11:39 Analyzed: 09/10/21 09:50

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Sodium	21.0		mg/L	10		96	85-115			DVH	

**Matrix Spike (B110803-MS2)**

Source: 21H2329-01

Prepared: 09/09/21 11:39 Analyzed: 09/10/21 10:31

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Init.	Qualifiers
Sodium	15.5		mg/L	10		100	85-115			DVH	

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PWSID: 1700021

## Data Qualifiers and Definitions

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D2 Sample required dilution due to high concentration of target analyte(s). Reporting limit has been raised.

## Work Order Comments

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Samples were received in proper condition.

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