

May 21, 2024
Laboratory Report

Lake Washington Improvement Association
David Rathe
69382 213th St
Darwin, MN 55324

RE: Surface Water
Work Order: D059057

Report approved by:



Jared Dickinson
Senior Project Manager
jared.dickinson@rmbel.com

Lake Washington Improvement Association
69382 213th St
Darwin MN, 55324

Project:Surface Water
Project Number:[none]

Date Received
05/14/2024 10:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled
301 Inlet	D059057-01	Water	05/10/2024 09:00
302 Inlet	D059057-02	Water	05/10/2024 09:10
306 E East Inlet	D059057-03	Water	05/10/2024 09:20
306 W West Inlet	D059057-04	Water	05/10/2024 09:20
309 Inlet	D059057-05	Water	05/10/2024 09:40
312 Inlet	D059057-06	Water	05/10/2024 10:00

Additional information:
All samples will be retained for 30 days from date sampled, unless otherwise requested.
Record retention policy is 5 years unless otherwise agreed to in writing.
All calculations are performed using the raw data results.

Case Narrative

Laboratory Results
May 21, 2024

Report To: Lake Washington Improvement
Association
David Rathe
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Bill To: Lake Washington Improvement Association
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Project: Surface Water
Lab Code: D059057-01
Matrix: Wtr-Surf
Date/Time Sampled: 05/10/2024 09:00
Date/Time Received: 05/14/2024 10:15

Sample Description: 301 Inlet
Collection Method: G
Sampled by: David Rathe
Sample Receipt Information: See chain of custody.

Analyte	Result	Units	Sample RL	DF	Preparation Method	Prepared	Analysis Method	Analyzed	Analyte Qualifiers	Facility
Chemistry Parameters										
Phosphorus, Total as P	0.217	mg/L	0.003	1	EPA 365.3	05/17/24 07:57	EPA 365.3	05/17/24 15:49		DL
Residue - nonfilterable (TSS)	1.4	mg/L	1.0	1			USGS I3765-85	05/15/24 08:40		DL

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Project: Surface Water
Lab Code: D059057-02
Matrix: Wtr-Surf
Date/Time Sampled: 05/10/2024 09:10
Date/Time Received: 05/14/2024 10:15

Sample Description: 302 Inlet
Collection Method: G
Sampled by: David Rathe
Sample Receipt Information: See chain of custody.

Analyte	Result	Units	Sample RL	DF	Preparation Method	Prepared	Analysis Method	Analyzed	Analyte Qualifiers	Facility
Chemistry Parameters										
Phosphorus, Total as P	0.227	mg/L	0.003	1	EPA 365.3	05/17/24 07:57	EPA 365.3	05/17/24 15:49		DL
Residue - nonfilterable (TSS)	< 1.0	mg/L	1.0	1			USGS I3765-85	05/15/24 08:40		DL

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Project: Surface Water
Lab Code: D059057-03
Matrix: Wtr-Surf
Date/Time Sampled: 05/10/2024 09:20
Date/Time Received: 05/14/2024 10:15

Sample Description: 306 E East Inlet
Collection Method: G
Sampled by: David Rathe
Sample Receipt Information: See chain of custody.

Analyte	Result	Units	Sample RL	DF	Preparation Method	Prepared	Analysis Method	Analyzed	Analyte Qualifiers	Facility
Chemistry Parameters										
Phosphorus, Total as P	0.083	mg/L	0.003	1	EPA 365.3	05/17/24 07:57	EPA 365.3	05/17/24 15:30		DL
Residue - nonfilterable (TSS)	< 1.0	mg/L	1.0	1			USGS I3765-85	05/15/24 08:40		DL

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Project: Surface Water
Lab Code: D059057-04
Matrix: Wtr-Surf
Date/Time Sampled: 05/10/2024 09:20
Date/Time Received: 05/14/2024 10:15

Sample Description: 306 W West Inlet
Collection Method: G
Sampled by: David Rathe
Sample Receipt Information: See chain of custody.

Analyte	Result	Units	Sample RL	DF	Preparation Method	Prepared	Analysis Method	Analyzed	Analyte Qualifiers	Facility
Chemistry Parameters										
Phosphorus, Total as P	0.329	mg/L	0.003	1	EPA 365.3	05/17/24 07:57	EPA 365.3	05/17/24 15:49		DL
Residue - nonfilterable (TSS)	< 1.0	mg/L	1.0	1			USGS I3765-85	05/15/24 08:40		DL

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Project: Surface Water
Lab Code: D059057-05
Matrix: Wtr-Surf
Date/Time Sampled: 05/10/2024 09:40
Date/Time Received: 05/14/2024 10:15

Sample Description: 309 Inlet
Collection Method: G
Sampled by: David Rathe
Sample Receipt Information: See chain of custody.

Analyte	Result	Units	Sample RL	DF	Preparation Method	Prepared	Analysis Method	Analyzed	Analyte Qualifiers	Facility
Chemistry Parameters										
Phosphorus, Total as P	0.024	mg/L	0.003	1	EPA 365.3	05/17/24 07:57	EPA 365.3	05/17/24 15:31		DL
Residue - nonfilterable (TSS)	1.6	mg/L	1.0	1			USGS I3765-85	05/15/24 08:40		DL

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Project: Surface Water
Lab Code: D059057-06
Matrix: Wtr-Surf
Date/Time Sampled: 05/10/2024 10:00
Date/Time Received: 05/14/2024 10:15

Sample Description: 312 Inlet
Collection Method: G
Sampled by: David Rathe
Sample Receipt Information: See chain of custody.

Analyte	Result	Units	Sample RL	DF	Preparation Method	Prepared	Analysis Method	Analyzed	Analyte Qualifiers	Facility
Chemistry Parameters										
Phosphorus, Total as P	0.107	mg/L	0.003	1	EPA 365.3	05/17/24 07:57	EPA 365.3	05/17/24 15:31		DL
Residue - nonfilterable (TSS)	< 1.0	mg/L	1.0	1			USGS I3765-85	05/15/24 08:40		DL

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Qualifiers and Definitions

Item	Definition
RL	Reporting Limit (Corrected for dilution factor when applicable due to sample preparation variation.)
DF	Dilution Factor
DL	Indicates test performed by RMB Environmental Laboratories - Detroit Lakes.

