

Detroit Lakes, MN22796 County Highway 6
Detroit Lakes, MN 56501
218-846-1465**Grand Rapids, MN**1851 E Hwy 169, Wilson 105-ICC
Grand Rapids, MN 55744
218-322-2304**Bloomington, MN**2200 West 94th Street
Bloomington, MN 55431
952-456-8470**Watford City, ND**1806 24th Avenue SE
Watford City, ND 58854
701-444-2202

Laboratory Results
July 5, 2019
Original Report
Page 1 of 4

Report To: Lake Washington Improvement Assoc
Attn: Dave Rathe
69382 213th St
Darwin, MN 55325

Bill To: Lake Washington Improvement Associatio
PO Box 68
Dassel, MN 55325

Project: Water Inlets: 302, 306, 312
Lab Code: 453194
Matrix: Stormwater
Collection: Grab
Samplers: David Rathe
Date/Time Sampled: 06/27/19 1400
Date/Time Received: 06/28/19 1347
Sample Description: 302/ Water Inlet

Contact/Phone: Robert Borash, 218-846-1465
Sample Receipt: Samples meet proper sampling and transportation guidelines
Received on ice.
Temperature: 2.5 - 5.9 °C

| Compound | Analysis Method | Preparation Date/Time | Analysis Date/Time | DF | Method MDL | Sample RL | Sample Result | Qualifier |
|------------------------------|-----------------|-----------------------|--------------------|----|------------|-----------|---------------|-----------|
| Classical Chemistry | | | | | | | | |
| Phosphorus, Total as P | EPA 365.3 | 07/01/19: 0837 | 07/01/19: 1102 | 5 | 0.01 | 0.015 | 0.770 mg/L | di |
| Residue- Nonfilterable (TSS) | SM 2540 D-2011 | 07/01/19: 1430 | 07/01/19 | | 1 | 4 | 42.0 mg/L | di |

Comments: The client preserved the nutrient bottle with H2SO4 to a pH below 2 units upon collection. The lab verified complete preservation upon receipt.

DF = Dilution Factor
RL = Reporting limit of the analysis method.
MDL = Minimum detection limit of the analysis method.
di = The reporting limit (RL) was raised. Dilution of the sample was necessary due to the high concentrations of this analyte and/or matrix interferences.

Report approved by:

The results in this report apply only to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. All analyses performed at RMB-Detroit Lakes unless appropriately qualified.

Detroit Lakes Certification / Accreditation Numbers: EPA Lab ID #MN00918 • Minnesota Department of Health #027-005-336 • North Dakota Department of Health #R-187
Grand Rapids Certification / Accreditation Numbers: EPA Lab ID #MN01090 • Minnesota Department of Health #027-061-463
Bloomington Certification / Accreditation Numbers: EPA Lab ID #MN01091 • Minnesota Department of Health #027-053-475
Watford City Certification / Accreditation Numbers: EPA Lab ID #ND00934 • Minnesota Department of Health #038-999-476 • North Dakota Department of Health #R-225

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PO Box 68

Dassel, MN 55325

Project: Water Inlets: 302, 306, 312

Lab Code: 453195

Matrix: Stormwater

Collection: Grab

Samplers: David Rathe

Date/Time Sampled: 06/27/19 1400

Date/Time Received: 06/28/19 1347

Sample Description: 306/ Water Inlet

Contact/Phone: Robert Borash, 218-846-1465

Sample Receipt: Samples meet proper sampling and transportation guidelines
Received on ice.

Temperature: 2.5 - 5.9 °C

| Compound | Analysis Method | Preparation Date/Time | Analysis Date/Time | DF | Method MDL | Sample RL | Sample Result | Qualifier |
|------------------------------|-----------------|-----------------------|--------------------|----|------------|-----------|---------------|-----------|
| <u>Classical Chemistry</u> | | | | | | | | |
| Phosphorus, Total as P | EPA 365.3 | 07/01/19: 0837 | 07/01/19: 1031 | 1 | 0.002 | 0.003 | 0.160 mg/L | |
| Residue- Nonfilterable (TSS) | SM 2540 D-2011 | 07/01/19: 1430 | 07/01/19 | | 1 | 1 | 3.4 mg/L | |

Comments: The client preserved the nutrient bottle with H2SO4 to a pH below 2 units upon collection. The lab verified complete preservation upon receipt.

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MDL = Minimum detection limit of the analysis method.

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RMB

Environmental Laboratories, Inc.
www.rmbel.info

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Project: Water Inlets: 302, 306, 312
Lab Code: 453196
Matrix: Stormwater
Collection: Grab
Samplers: David Rathe
Date/Time Sampled: 06/27/19 1400
Date/Time Received: 06/28/19 1347
Sample Description: 312/ Water Inlet

Contact/Phone: Robert Borash, 218-846-1465
Sample Receipt: Samples meet proper sampling and transportation guidelines
Received on ice.
Temperature: 2.5 - 5.9 °C

| Compound | Analysis Method | Preparation Date/Time | Analysis Date/Time | DF | Method MDL | Sample RL | Sample Result | Qualifier |
|------------------------------|-----------------|-----------------------|--------------------|----|------------|-----------|---------------|-----------|
| <u>Classical Chemistry</u> | | | | | | | | |
| Phosphorus, Total as P | EPA 365.3 | 07/01/19: 0837 | 07/01/19: 1051 | 1 | 0.002 | 0.003 | 0.354 | mg/L |
| Residue- Nonfilterable (TSS) | SM 2540 D-2011 | 07/01/19: 1430 | 07/01/19 | | 1 | 1 | 18.4 | mg/L |

Comments: The client preserved the nutrient bottle with H2SO4 to a pH below 2 units upon collection. The lab verified complete preservation upon receipt.

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