



# RMB Environmental Laboratories, Inc.

22796 County Highway 6 • Detroit Lakes, MN 56501-7002 • 218-846-1465 Phone and Fax • rmbel@rmbel.info • www.rmbel.info  
Certification/Accreditation Numbers: Minnesota Department of Health # 027-005-336 • North Dakota Department of Health # R187

Laboratory Results  
June 3, 2016  
Original Report  
Page 3 of 3

Report To: Lake Washington Improvement Associatio  
Attn: Ken Klehr  
69693 233rd St  
Dassel, MN 55325

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

Project: Lake Washington Holding Pond  
Lab Code: 305260  
Matrix:  
Collection: Grab  
Samplers: Ken Klehr  
Date/Time Sampled: 05/26/16 1000  
Date/Time Received: 05/27/16 1143  
Sample Description: Pond " Site 306 Pond"

Laboratory: RMB Environmental Laboratories, Inc.  
Contact/Phone: Robert Borash, 218-846-1465  
Sample Receipt: Samples meet proper sampling and transportation guidelines  
Received on ice.  
Temperature: 2.7 °C

Compound	Analysis Method	Analysis Date	Analysis Time	DF	MDL	RL	Sample Result	
<b>Classical Chemistry</b>								
Nitrogen, Nitrate & Nitrite	EPA 353.2 Rev 2.0	5/31/2016	1708	25	0.011	0.75	13.7	mg/L di
Nitrogen, Total Kjeldahl	EPA 351.2 Rev 2.0	5/31/2016	1652	1	0.082	0.3	1.67	mg/L
Orthophosphate, as P (dissolved)	EPA 365.3	5/27/2016	1501	1	0.0009	0.003	0.087	mg/L , op, op-1
Phosphorus, Total as P	EPA 365.3	6/1/2016	1310	1	0.0005	0.003	0.13	mg/L
Residue- Nonfilterable (TSS)	SM 2540 D-97	5/27/2016				1	2	mg/L , wr

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.  
op-1 = Orthophosphorus result represents the dissolved fraction (soluble reactive phosphorus).  
op = The Ortho-phosphorus sample was not filtered within 15 minutes of collection, per 40 CFR 136.  
wr = The weight of the residue did not meet method requirements of a minimum of 2.5mg.

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.

EPA Lab ID # MN00918, MDH # 027-005-336, ND # R-187



# RMB Environmental Laboratories, Inc.

22796 County Highway 6 • Detroit Lakes, MN 56501-7002 • 218-846-1465 Phone and Fax • rmbel@rmbel.info • www.rmbel.info  
Certification/Accreditation Numbers: Minnesota Department of Health # 027-005-336 • North Dakota Department of Health # R187

Laboratory Results  
June 3, 2016  
Original Report  
Page 1 of 3

Report To: Lake Washington Improvement Associatio  
Attn: Ken Klehr  
69693 233rd St  
Dassel, MN 55325

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

Project: Lake Washington Holding Pond  
Lab Code: 305258  
Matrix:  
Collection: Grab  
Samplers: Ken Klehr  
Date/Time Sampled: 05/26/16 1000  
Date/Time Received: 05/27/16 1143  
Sample Description: South " Site 306W

Laboratory: RMB Environmental Laboratories, Inc.  
Contact/Phone: Robert Borash, 218-846-1465  
Sample Receipt: Samples meet proper sampling and transportation guidelines  
Received on ice.  
Temperature: 2.7 °C

Compound	Analysis Method	Analysis Date	Analysis Time	DF	MDL	RL	Sample Result		
<b>Classical Chemistry</b>									
Nitrogen, Nitrate & Nitrite	EPA 353.2 Rev 2.0	5/31/2016	1604	25	0.011	0.75	14.9	mg/L	di
Nitrogen, Total Kjeldahl	EPA 351.2 Rev 2.0	5/31/2016	1652	1	0.082	0.3	1.37	mg/L	
Orthophosphate, as P (dissolved)	EPA 365.3	5/27/2016	1440	1	0.0009	0.003	0.12	mg/L	. op, op-1
Phosphorus, Total as P	EPA 365.3	6/1/2016	1310	1	0.0005	0.003	0.133	mg/L	
Residue- Nonfilterable (TSS)	SM 2540 D-97	5/27/2016				1	2	mg/L	. wr

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.  
op-1 = Orthophosphorus result represents the dissolved fraction (soluble reactive phosphorus).  
op = The Ortho-phosphorus sample was not filtered within 15 minutes of collection, per 40 CFR 136.  
wr = The weight of the residue did not meet method requirements of a minimum of 2.5mg.

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.

EPA Lab ID # MN00918, MDH # 027-005-336, ND # R-187



# RMB Environmental Laboratories, Inc.

22796 County Highway 6 • Detroit Lakes, MN 56501-7002 • 218-846-1465 Phone and Fax • rmbel@rmbel.info • www.rmbel.info  
Certification/Accreditation Numbers: Minnesota Department of Health # 027-005-336 • North Dakota Department of Health # R187

Laboratory Results  
June 3, 2016  
Original Report  
Page 2 of 3

Report To: Lake Washington Improvement Associatio  
Attn: Ken Klehr  
69693 233rd St  
Dassel, MN 55325  
Bill To: Lake Washington Improvement Associatio  
PO Box 68  
Dassel, MN 55325

Project: Lake Washington Holding Pond  
Lab Code: 305259  
Matrix:  
Collection: Grab  
Samplers: Ken Klehr  
Date/Time Sampled: 05/26/16 1000  
Date/Time Received: 05/27/16 1143  
Sample Description: Lake *Site 306*

Laboratory: RMB Environmental Laboratories, Inc.  
Contact/Phone: Robert Borash, 218-846-1465  
Sample Receipt: Samples meet proper sampling and transportation guidelines  
Received on ice.  
Temperature: 2.7 °C

Compound	Analysis Method	Analysis Date	Analysis Time	DF	MDL	RL	Sample Result	
<b>Classical Chemistry</b>								
Nitrogen, Nitrate & Nitrite	EPA 353.2 Rev 2.0	5/31/2016	1605	25	0.011	0.75	14	mg/L di
Nitrogen, Total Kjeldahl	EPA 351.2 Rev 2.0	5/31/2016	1652	1	0.082	0.3	1.66	mg/L
Orthophosphate, as P (dissolved)	EPA 365.3	5/27/2016	1440	1	0.0009	0.003	0.098	mg/L , op, op-1
Phosphorus, Total as P	EPA 365.3	6/1/2016	1310	1	0.0005	0.003	0.131	mg/L
Residue- Nonfilterable (TSS)	SM 2540 D-97	5/27/2016				1	3	mg/L , wr

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.  
op-1 = Orthophosphorus result represents the dissolved fraction (soluble reactive phosphorus).  
op = The Ortho-phosphorus sample was not filtered within 15 minutes of collection, per 40 CFR 136.  
wr = The weight of the residue did not meet method requirements of a minimum of 2.5mg.

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.

**Laboratory Results**  
**August 23, 2016**  
**Original Report**  
**Page 1 of 1**

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

**Bill To:** Lake Washington Improvement Assoc  
 67946 217th St  
 Darwin, MN 55324

**Project:** Lake Washington Holding Pond - Sit  
**Lab Code:** 325856  
**Matrix:**  
**Collection:** Lake Surface 2m Integrated  
**Samplers:** Skip Sustacek  
**Date/Time Sampled:** 08/15/16 1030  
**Date/Time Received:** 08/16/16 1005  
**Sample Description:** Lake site 101

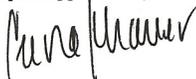
**Laboratory:** RMB Environmental Laboratories, Inc.  
**Contact/Phone:** Robert Borash, 218-846-1465  
**Sample Receipt:** Samples meet proper sampling and transportation guidelines  
 Received on ice.  
 Temperature: 4.4 °C

Compound	Analysis Method	Analysis Date	Analysis Time	DF	MDL	RL	Sample Result	
<b>Classical Chemistry</b>								
Nitrogen, Nitrate & Nitrite	EPA 353.2 Rev 2.0	8/16/2016	1341	1	0.01	0.03	< 0.03	mg/L
Nitrogen, Total Kjeldahl	EPA 351.2 Rev 2.0	8/18/2016	1717	1	0.146	0.3	0.98	mg/L
Orthophosphate, as P (dissolved)	EPA 365.3	8/16/2016	1707	1	0.0009	0.003	0.014	mg/L , op, op-1
Phosphorus, Total as P	EPA 365.3	8/17/2016	1145	1	0.0005	0.003	0.037	mg/L
Residue- Nonfilterable (TSS)	SM 2540 D-97	8/17/2016				1	8	mg/L , wr

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

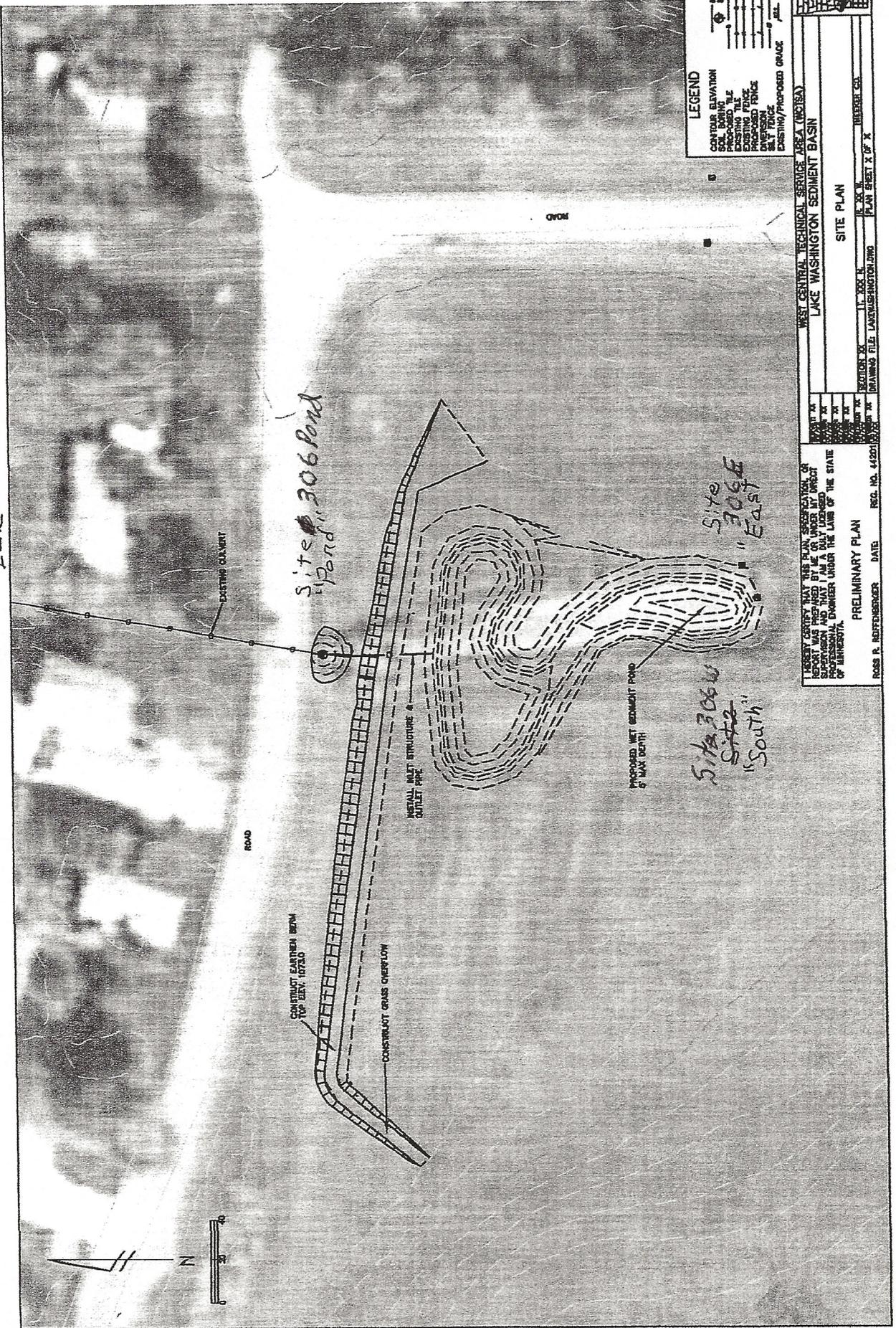
DF = Dilution Factor  
 RL = Reporting limit of the analysis method.  
 MDL = Minimum detection limit of the analysis method.  
 op-1 = Orthophosphorus result represents the dissolved fraction (soluble reactive phosphorus).  
 op = The Ortho-phosphorus sample was not filtered within 15 minutes of collection, per 40 CFR 136.  
 wr = The weight of the residue did not meet method requirements of a minimum of 2.5mg.

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.*

Site 306  
"Lake"



**LEGEND**

CONTOUR ELEVATION	1/8" = 1'
PROPOSED TIE	1/8" = 1'
EXISTING TIE	1/8" = 1'
PROPOSED FENCE	1/8" = 1'
EXISTING FENCE	1/8" = 1'
CONVERSION	1/8" = 1'
SILT FENCE	1/8" = 1'
EXISTING/PROPOSED GRADE	1/8" = 1'

WEST CENTRAL MECHANICAL SERVICE AREA (WCMSEA)  
LAKE WASHINGTON SEDIMENT BASIN

PROJECT NO.	11-2008-01	DATE	11-20-08
SECTION NO.	11-2008-01	DATE	11-20-08
DRAWING FILE	LAKEWASHINGTON.DWG	DATE	11-20-08
DESIGNER	CH	DATE	11-20-08
CHECKER	CH	DATE	11-20-08
SCALE	AS SHOWN	DATE	11-20-08
PROJECT	LAKE WASHINGTON SEDIMENT BASIN	DATE	11-20-08
SHEET NO.	11-2008-01	DATE	11-20-08
TOTAL SHEETS	11-2008-01	DATE	11-20-08

PRELIMINARY PLAN  
ROSS R. BEFFENBERGER  
REG. NO. 415201