Detroit Lakes Laboratory 22796 County Highway 6 Detroit Lakes, MN 56501 218-846-1465 www.rmbel.info



Grand Rapids Laboratory 1851 East Highway 169 ICC - Wilson Hall, Room 105 Grand Rapids, MN 55744 218-322-2304

Laboratory Results

July 27, 2016

Original Report Page 1 of 4

Report To: LMKP LID

Box 133

Perham, MN 56573

Bill To: LMKP LID

Box 133

Perham, MN 56573

Project:

AIS monitoring

Lab Code: Matrix:

322596 Surface Water

Collection: Samplers:

Comp Other Emelia Hauck

Date/Time Sampled: Date/Time Received: Sample Description:

07/15/16 0800 07/15/16 1600 Little McDonald Laboratory:

RMB Environmental Laboratories, Inc.

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

Sample Receipt: Samples meet proper sampling and

transportation guidelines

Compound	Analysis Method	Analysis Date	Analysis Time	DF	MDL	RL	Sample Result
Miscellaneous Analyses							
Spiny water fleas	Microscopy	7/27/2016		1		1	Absent /100mL
Zebra Mussel Veligers	Microscopy	7/27/2016		1		1	Absent /sample

Comments:

Sample preserved with 91% Isopropyl Alcohol.

DF = Dilution Factor

RL = Reporting limit of the analysis method.

MDL = Minimum detection limit of the analysis method.

Report approved

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.

Detroit Lakes Laboratory 22796 County Highway 6 Detroit Lakes, MN 56501 218-846-1465 www.rmbel.info



Laboratory:

Grand Rapids Laboratory 1851 East Highway 169 ICC - Wilson Hall, Room 105 Grand Rapids, MN 55744 218-322-2304

Laboratory Results

Report To: LMKP LID

Box 133

July 27, 2016 **Original Report** Page 2 of 4

Perham, MN 56573

Bill To: LMKP LID

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

Sample Receipt: Samples meet proper sampling and

transportation guidelines

Box 133

Perham, MN 56573

RMB Environmental Laboratories, Inc.

Project:

AIS monitoring

Lab Code:

322597

Matrix:

Surface Water

Collection:

Comp Other

Samplers:

Emelia Hauck

Date/Time Sampled: Date/Time Received: 07/15/16 0820 07/15/16 1600

Sample Description:

Kerbs

Compound	Analysis Method	Analysis Date	Analysis Time	DF	MDL	RL	Sample Result
Miscellaneous Analyses							
Spiny water fleas	Microscopy	7/27/2016		1		1	Absent /100mL
Zebra Mussel Veligers	Microscopy	7/27/2016		1		1	Absent /sample

Comments:

Sample preserved with 91% Isopropyl Alcohol.

DF = Dilution Factor

RL = Reporting limit of the analysis method.

MDL = Minimum detection limit of the analysis method.

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.

Detroit Lakes Laboratory 22796 County Highway 6 Detroit Lakes, MN 56501 218-846-1465 www.rmbel.info



Grand Rapids Laboratory
1851 East Highway 169
ICC – Wilson Hall, Room 105
Grand Rapids, MN 55744
218-322-2304

Laboratory Results

July 27, 2016

Original Report Page 3 of 4 Report To: LMKP LID

Box 133

Perham, MN 56573

Bill To: LMKP LID

Box 133

Perham, MN 56573

Project:

AIS monitoring

Lab Code:

322598

Matrix: Collection:

Surface Water Comp Other

Samplers:

Emelia Hauck

Date/Time Sampled: Date/Time Received:

07/15/16 0950 07/15/16 1600

Sample Description:

Rusche

Laboratory: R

RMB Environmental Laboratories, Inc.

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

Sample Receipt: Samples meet proper sampling and

transportation guidelines

Compound	Analysis Method	Analysis Date	Analysis Time	DF	MDL	RL	Sample Result
Miscellaneous Analyses							
Spiny water fleas	Microscopy	7/27/2016		1		1	Absent /100mL
Zebra Mussel Veligers	Microscopy	7/27/2016		1		1	Absent /sample

Comments: Sample preserved with 91% Isopropyl Alcohol.

MIM

DF = Dilution Factor

RL = Reporting limit of the analysis method.

MDL = Minimum detection limit of the analysis method.

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.

Detroit Lakes Laboratory

22796 County Highway 6 Detroit Lakes, MN 56501 218-846-1465 www.rmbel.info



Grand Rapids Laboratory
1851 East Highway 169
ICC – Wilson Hall, Room 105
Grand Rapids, MN 55744
218-322-2304

Laboratory Results

July 27, 2016

Original Report Page 4 of 4 Report To: LMKP LID

Box 133

Perham, MN 56573

Bill To: LMKP LID

Box 133

Perham, MN 56573

Project:

AIS monitoring

Lab Code:

322599

Matrix:

Surface Water

Collection: Samplers:

Comp Other Emelia Hauck

Date/Time Sampled: Date/Time Received:

07/15/16 1015 07/15/16 1600

Sample Description:

Paul

Laboratory: RMB Environmental Laboratories, Inc.

Contact/Phone: Robert Borash, 218-846-1465 Sample Receipt: Samples meet proper sampling and

transportation guidelines

Compound	Analysis Method	Analysis Date	Analysis Time	DF	MDL	RL	Sample Result
Miscellaneous Analyses							
Spiny water fleas	Microscopy	7/27/2016		1		1	Absent /100mL
Zebra Mussel Veligers	Microscopy	7/27/2016		1		1	Absent /sample

Comments:

Sample preserved with 91% Isopropyl Alcohol.

DF = Dilution Factor

RL = Reporting limit of the analysis method.

MDL = Minimum detection limit of the analysis method.

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.

RMB Environmental Laboratories, Inc.

22796 County Highway 6, Detroit Lakes, MN 56501 phone & fax: 218-846-1465 · rmbel@rmbel.info · www.rmbel.info

CHAIN OF CUSTODY RECORD Electronic version available at http://www.rmbel.info/lab/chains-of-custody/

Page	
of	

	Other:						Comments:	er:	Other:				
	Equipment:			Samples received same day as collection	same day a	ceived	Samples re	Hand Delivery	☐ Han			II to:	Bill to:
		Rcvd Temp: 20.6-213° C	.vd Temp:		Rcvd at room temp		Rcvd on ice	×					
1 MS = * 400	Field Staff:L						Explain:	S	USPS				
	Mileage:	Does NOT meet proper sample storage and transportation guidelines	transport	ile storage and	oper samp	meet pr	Does NOT		San			Report to:	Repo
		n guidelines	nsportatio	$\overline{\mathbb{X}}$ DOES meet proper sample storage and transportation guidelines	sample stu	t prope	X DOES mee	ethod	Shipping Me		l format	Electronic Data Deliverable (EDD): Lab_MN format	
	BILLING Shipping:	1606	2115116	Date 07/	ure)	Lab: (signature)	Received by Lab	-	- L - L - L - L		Date 07/15/16	Relinquished by: (signature)	Relia
mples.	before processing samples			ient at phone #	e contact cli	°C, pleas	reater than 6 °	emperature g	ab at a t	by the l	re received	vent that samples a	
eceived.	; the samples as re	AB Environmental Laboratories to process the samples as received	nental Labc	e RMB Environr	by authorize	°C, I here	reater than 6 °	emperature g	ab at a t	l by the l	re received	(Initials) In the event that samples are received by the lab at a temperature greater than 6 ° C, I hereby authorize RN	-
			×	Wtr-Surf	Sample V	25	0	60	ъ-	10:15	07/15/16	322599 Pawo	<i>1</i> 2
			×	Wtr-Surf	Sample v	15	0	СО	1	09:50	07/15/16	72598 Rusche	Z C
			×	Wtr-Surf	Sample v	25	0	СО	ы	08:20	07/15/16	322597 Kerbs	33
			×	Wtr-Surf		25	0	СО	ы	08:00	07/15/16	322596 Little McDahald	13
Sample Comments: (Equipment Type, Filtration, AIS, Preservation)			ZM Velige	Matrix	Sample Type	End Depth (m)		s Sample Method	# of Bottles	Time	Date	Lab Code Station ID/Sample Description	<u> </u>
			er (P/A			200	ignature)	Samplers: (signature)			C	Samplers: (print first & last name) Emelia Hauck, Cameron Knoll	Sam
				\	PO/WO #:	P(Project Task Code:	Project			7	Project Name: ATS MONITOTIN	Proj
	rested	Analysis Requested	A		Fax #:	Fa	#:	Phone #:					Clier





Zebra Mussel Veliger Monitoring Program Data Sheet INFESTED LAKES

Please label each bottle with the appropriate information including Organization, Lake Name, Date and Time of sample.

General Information	on					
Lake Name: Little	McDonald Lake ID ((DOW): 56-0328-00 County: Offer Tail				
Sampling Details						
Date: 7/15/166 Number of sites sample Did you composite the sites of Column Samp	ed: 3	Field Sampling Comments, Suggestions, Observations:				
Weather Condition	1S – Please check the applicable bo	xes				
Wind Speed	Wind Direction	Weather				
Mild 0-10mph ☐ Moderate 11-20mph ☐ High 21-30mph ☐ Strong 30pmh+	□ North □ Northeast □ East □ Southeast □ South □ Southwest □ West □ Northwest	Sunny Surface water Temp: Partly Cloudy Air Temp: 70°F Rain Recent rain date: 7/14/16 Snow Precipitation (inches):				
FOR LABORATORY F	PROCESSING					
FOR LABORATORY PROCESSING Lab Code: 322596 Volume of sample that was analyzed (mL): Date analyzed: 7 27 16 Zebra Mussel Veliger Density:/ mL/L Comments/Observations:						





Zebra Mussel Veliger Monitoring Program Data Sheet INFESTED LAKES

Please label each bottle with the appropriate information including Organization, Lake Name, Date and Time of sample.

General Information	on		2.0		
Lake Name: Kerb		Lake ID (DOV	V): <u>56</u>	-1636-00	County: Offer Tail
Sampling Details					
Date: 7/15/16@ Number of sites sample Did you composite the Depth of Column Samp	ed: Z	(Ā) N	Field S	ampling Comments,	, Suggestions, Observations:
Weather Condition	1S – Please check the	applicable boxes			
Wind Speed	Win	d Direction			Weather
Mild 0-10mph ☐ Moderate 11-20mph ☐ High 21-30mph ☐ Strong 30pmh+	□ North □ Northeast □ East □ Southeast □ South □ Southwest □ West □ West	w	NE / E	□ Sunny □ Partly Cloudy ☑ Cloudy □ Rain □ Snow	Surface water Temp: Air Temp: 70°F Recent rain date: 7/14/16 Precipitation (inches):
FOR LABORATORY	PROCESSING				
Lab Code: 3223 Volume of sample that w Zebra Mussel Veliger De Comments/Observations:	ras analyzed (mL):	Oll Dat	te analyze	plankton analyst:	Morrya Rufer





Zebra Mussel Veliger Monitoring Program Data Sheet INFESTED LAKES

Please label each bottle with the appropriate information including Organization, Lake Name, Date and Time of sample.

General Information	on				
		Lake ID (DOV	W): <u>56</u> -	-1641-00	County: Offer Tail
Sampling Details					
Date: 7/15/16 9 Number of sites sample Did you composite the sites of Column Samp	d: 2	Y N	Field S	ampling Comments,	Suggestions, Observations:
Weather Condition	IS – Please check the	applicable boxes			
Wind Speed	Win	d Direction			Weather
☐ Mild 0-10mph ☐ Moderate 11-20mph ☐ High 21-30mph ☐ Strong 30pmh+	□ North □ Northeast □ East □ Southeast □ South □ Southwest □ West □ Worthwest	w sw s	NE E	□ Sunny □ Partly Cloudy ☑ Cloudy □ Rain □ Snow	Surface water Temp: Air Temp: 70° F Recent rain date: 7/14//6 Precipitation (inches):
FOR LABORATORY I	PROCESSING				
Volume of sample that w Zebra Mussel Veliger De Comments/Observations:	ensity:/ mL	All Da	te analyze		Monya piper





Zebra Mussel Veliger Monitoring Program Data Sheet INFESTED LAKES

Please label each bottle with the appropriate information including Organization, Lake Name, Date and Time of sample.

General Information	on					
Lake Name: Paul	L:	ake ID (DOW): <u>5 6</u> -	-0335-00 County: Offer Tail			
Sampling Details						
Date: 7/15/16 © Number of sites sample Did you composite the sites Depth of Column Samp	d: Z		ampling Comments, Suggestions, Observations:			
Weather Condition	IS – Please check the applic	cable boxes				
Wind Speed	Wind Dire	ection	Weather			
☑-Mild 0-10mph ☐ Moderate 11-20mph ☐ High 21-30mph ☐ Strong 30pmh+	□ North □ Northeast □ East □ Southeast □ South □ Southwest □ West □ Northwest	SW SE	□ Sunny □ Partly Cloudy □ Cloudy □ Rain □ Snow □ Snow □ Surface water Temp: □ 70° F □ Air Temp: 70° F □ Partly Cloudy □ Rir Temp: 70° F □ Precipitation (inches):			
FOR LABORATORY F	PROCESSING					
FOR LABORATORY PROCESSING Lab Code: 322599 Name of the plankton analyst: Month Rufe Volume of sample that was analyzed (mL): Date analyzed: 727 //6 Zebra Mussel Veliger Density:/ mL/L Comments/Observations:						