

***Certified Parameters for  
RMB Environmental Laboratories, Inc.  
22796 Co HWY 6, Detroit Lakes, MN***

***Issued by  
North Dakota Department of Health  
Laboratory Services Division - Chemistry  
December 29, 2014***

***Certification Period: January 01, 2015 through December 31, 2015***

***Lab Certification No: R-187***

***Based on Certificate No: 822620***

***From the State of Minnesota Department of Health, ELCP***

<b><i>Program</i></b>	<b><i>Parameter</i></b>	<b><i>Method</i></b>	<b><i>Source #</i></b>	<b><i>Status</i></b>	
<b><i>Clean Water Act</i></b>	Color	2120 B-2001	91	Certified	
	Conductivity	2510 B-1997	6	Certified	
	Total Solids	2540 B-1997	6	Certified	
	Filterable Residue (Total Dissolved Solids)	2540 C-1997	6	Certified	
	Non-filterable Residue (Total Suspended Solids)	2540 D-1997	6	Certified	
	Chloride	4500-Cl- E-1997	6	Certified	
	Fluoride	4500-F-C-1997	6	Certified	
	Silica (Dissolved)	4500-SiO2 C-1997	6	Certified	
	Biochemical Oxygen Demand (BOD)	5210 B-2001	91	Certified	
	Carbonaceous Biochemical Oxygen Demand (CBOD)	5210 B-2001	91	Certified	
	Chemical Oxygen Demand (COD)	5220 D-1997	6	Certified	
	Sulfate	ASTM D516-07	110	Certified	
	Hardness (Total)	EPA 130.1	70	Certified	
	Volatile Solids	EPA 160.4	70	Certified	
	Turbidity	EPA 180.1	9	Certified	
	Alkalinity	EPA 310.2	70	Certified	
	Ammonia as N	EPA 350.1	9	Certified	
	Total Kjeldahl Nitrogen (TKN)	EPA 351.2	9	Certified	
	Nitrate + Nitrite as N	EPA 353.2	9	Certified	
	Nitrate as N	EPA 353.2	9	Certified	
	Nitrite as N	EPA 353.2	9	Certified	
	Orthophosphate	EPA 365.3	70	Certified	
	Phosphorus (Total)	EPA 365.3	70	Certified	
	Biochemical Oxygen Demand (BOD)	Hach 10360	114	Certified	
	Carbonaceous Biochemical Oxygen Demand (CBOD)	Hach 10360	114	Certified	
	<b><i>Safe Drinking Water Act</i></b>	Conductivity	2510 B-1997	33	Certified
		Filterable Residue (Total Dissolved Solids)	2540 C-1997	6	Certified
		Fluoride	4500-F <sup>-</sup> C-1997	6	Certified
		Turbidity	EPA 180.1	9	Certified
		Nitrate as N	EPA 353.2	9	Certified
		Nitrite as N	EPA 353.2	9	Certified

*Program*                      *Parameter*                      *Method*                      *Source # Status*

*Symbol Reference*

*Source Reference*

- 6     Standard Methods for the Examination of Water and Wastewater, 20th edition (1998), American Public Health Association
- 9     "Methods for the Determination of Inorganic Substances in Environmental Samples", EPA/600/R-93-100, August 1993
- 33    Standard Methods for the Examination of Water and Wastewater Online
- 70    "Methods for Chemical Analysis of Water and Wastes" Environmental Protection Agency, EPA-600/4-79-020, revised March 1983 and 1979 where applicable
- 91    Standard Methods for the Examination of Water and Wastewater, 21st Edition (2005), American Public Health Association
- 110   Annual Book of ASTM Standards, Section Eleven - Water and Environmental Technology, Volume 11.01, 2008 or Later, ASTM International, West Conshohocken, PA
- 114   Note 63, Federal Register/Vol. 77, No. 97/ Friday, May 18, 2012 / Rules and Regulations: Hach Method 10360, Luminescence Measurement of Dissolved Oxygen in Water and Wastewater and for Use in the Determination of BOD<sub>5</sub> and cBOD<sub>5</sub>. Revision 1.2, October 2011. H