

**Wisconsin Department of Natural Resources
Laboratory Report**

08/24/2010

Lab: 113133790

Sample: IU022945

Page 1 of 2

Laboratory: Wisconsin State Laboratory of Hygiene
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Madison WI 53718
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DNR ID 113133790

Sample:

Field #:	643082-JUNE	Sample #:	IU022945
Collection Start:	06/21/2010 04:05 pm	Collection End:	
Collected by:	KREITLOW	Waterbody/Outfall Id:	1621000
ID #:	643082	ID Point #:	29195495
County:	Vilas	Account #:	WV001
Sample Location:	LOWER BUCKATABON LAKE - DEEP HOLE		
Sample Description:	BUK LO #1 / 2M INTEGRATED		
Sample Source:	SU	Sample Depth:	M2
Date Reported:	07/20/2010	Sample Status:	COMPLETE
Project No:	NOR21_10		

Analyses and Results:

Analysis Method		Analysis Date	Lab Comment			
VOLUME LAB FILT FOR CHLOROPHYLL A (07/07/2010)						
Code	Description	Result	Units	LOD	Report Limit	LOQ
32000	SAMPLE SIZE LITERS	200	ML			

Analysis Method		Analysis Date	Lab Comment			
CHLOROPHYLL A, FLUORESCENCE (EPA 4407/08/2010)						
Code	Description	Result	Units	LOD	Report Limit	LOQ
99717	CHLOROPHYLL A, FLUORESCENCE (WELSCHMAYER 1994)	2.25	UG/L	0.26		0.87

Analysis Method		Analysis Date	Lab Comment			
TOTAL PHOSPHORUS (AS P) (EPA 365.1)		06/29/2010				
Code	Description	Result	Units	LOD	Report Limit	LOQ
665	PHOSPHORUS TOTAL	0.018	MG/L	0.005		0.016

Analysis Method		Analysis Date	Lab Comment			
FIELD TESTS						
Code	Description	Result	Units	LOD	Report Limit	LOQ
20	AMBIENT AIR TEMPERATURE - FIELD	21.1	C			
99426	BOTTOM OF SAMPLING INTERVAL (METERS)	2.0	M			
300	DISSOLVED OXYGEN FIELD	9.6	MG/L			
78	SECCHI DEPTH	3.9	M			
99420	SECCHI DEPTH HIT BOTTOM	NO	Y/N			

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Page 2 of 2

<i>Code</i>	<i>Description</i>	<i>Result</i>	<i>Units</i>	<i>LOD</i>	<i>Report Limit</i>	<i>LOQ</i>
10	TEMPERATURE FIELD	22.2	C			
99424	TOP OF SAMPLING INTERVAL (METERS)	0.0	M			

<i>Analysis Method</i>	<i>Analysis Date</i>	<i>Lab Comment</i>
TEMPERATURE ON RECEIPT-ICED	06/22/2010	

<i>Code</i>	<i>Description</i>	<i>Result</i>	<i>Units</i>	<i>LOD</i>	<i>Report Limit</i>	<i>LOQ</i>
136	TEMPERATURE AT LAB	ICED	C		0	