

DATA COLLECTED ONBOARD the D.J. ANGUS, Grand Haven, MI: WISE Group		
GVSU AWRI Research Vessels Data Sheet		
Captain: Jim Winks		
Coordinator: Dr. Laurie Witucki- GVSU Chemistry		
Location	Lake Michigan	Spring Lake
Latitude	43.03.79N	43.04.91N
Longitude	86.16.50W	86.13.21W
Wave Height	1-2ft	0-1ft
Time:	2:20PM	3:30pm
Air Temp	24C	29C
Wind Speed and Direction	10 South	10 South
Water sampling depth	47 ft	28 ft
Tests Performed:		
SECCHI (meters) water clarity	8.0m	1.0m
Color Forel-Ule- color match	6.1	18
Turbity Tube (cm)	120cm	41cm
Plankton Density	0	52
Biotics found	10 Quaggas	1 Bloodworm
Sediment	Sand	Muck
Turbity (NTU) TOP:	0.27	6.4
BOTTOM	1.07	6.96
Conductivity (mS/cm) TOP	312	535.6
BOTTOM	300	533.6
pH (units) TOP	8.06	8.4
BOTTOM	8.33	8.5
Temperature C TOP	22	25
BOTTOM	16	23
Dissolved Oxygen (mg/L) TOP	8.32	9.47
BOTTOM	10.12	7.45

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