

Status:

Sheb Co.

THU 2/20/18

**DNR BASELINE MONITORING**

Lake Name Big Elkhart Date 9 / 12 / 00 Time 1:21 PM

Sample Location (e.g., deepest point in basin) Deep Spot ~ 120 ft

WBIC 0059300 % Cloud Cover/Precip 30%

Observers Heidi Bunk Wind Speed 25 mph from NW Direction  
Lauren Stankard

**Field Measurements and Observations**

Secchi Disk 3.3 (m or ft) Custer Color Strip Reading 2

Algae Development – Not apparent \_\_\_\_\_  
Slight (just visible) \_\_\_\_\_  
Moderate (quite noticeable) X \_\_\_\_\_  
Heavy (very green) \_\_\_\_\_

Site depth 120 (m or ft)  
pH at 1 meter 8.09

**Profiles**

Depth ft or m	DO mg/L	Temp °C	Cond µS	Depth ft or m	DO mg/L	Temp °C	Cond µS	Depth ft or m	DO mg/L	Temp °C	Cond µS
1	11.10	21.72	420	30	11.13	21.48	421	60	2.75	6.69	465
3	11.06	21.73	421	33	18.97	15.58	444	63	2.28	6.70	464
6	11.07	21.70	421	36	18.92	10.42	450	66	2.16	6.65	465
9	11.11	21.71	421	39	17.45	9.66	452	69	1.85	6.58	467
12	11.12	21.67	426	42	13.75	8.93	461	72	1.03	6.53	467
15	11.13	21.66	420	45	11.96	7.93	462	75	1.04	6.54	467
18	11.07	21.64	421	48	10.18	7.51	463	78	1.04	6.56	466
21	11.14	21.60	421	51	7.30	7.06	463	81	0.96	6.56	466
24	11.11	21.62	421	54	5.52	6.92	464	84	1.02	6.57	466
27	11.11	21.58	421	57	4.29	6.82	464	87	1.00	6.60	466

Meter Type and ID Number(s) \_\_\_\_\_

**Water Samples**

Depth of Integrated Water Sample 30 m or ft SLH Field Number EIK 1

Amount filtered for chlorophyll 1000 mLs

**Comments / Observations**

Sheb  
TK 2/2016

**DNR BASELINE MONITORING**

Lake Name B's Filchert Date 8/06/09 Time 2:56 PM  
 Sample Location (e.g. deepest point in basin) Deep Spot @ 113 ft  
 WBIC \_\_\_\_\_ % Cloud Cover 30%  
 Observers Stenke Wind Speed 10-15 mph from NW Direction  
Bunk

**Field Measurements and Observations**

Secchi Disk 2.7 (m or ft) Custer Color Strip Reading C3, A1  
 Algae Development - Not apparent \_\_\_\_\_ Site Depth 79 (m or ft)  
 Slight (just visible) \_\_\_\_\_  
 Moderate (quite noticeable) X  
 Heavy (very green) \_\_\_\_\_ pH at 1 meter 8.12

**Profiles**

*float*

Depth ft or m	DO mg/L	Temp oC	Cond µS	pH	Depth ft or m	DO mg/L	Temp oC	Cond µS	pH	Depth ft or m	DO mg/L	Temp oC	Cond µS	pH
114.5	3	9.86	22.99	474	8.12	39	9.68	8.76	490	4.52	83.5			
112.6	6	9.73	23.01	475	8.11	42	8.23	7.56	493	4.19	69.4			
112.6	9	9.79	22.96	475	8.13	45	6.54	6.89	497	4.02	54.1			
112.2	12	9.65	22.94	475	8.14	48	4.26	6.08	501	3.84	35.8			
111.4	15	9.65	22.86	475	8.16	51	3.90	5.68	501	3.86	25.0			
9.9	18	9.53	22.61	475	8.14	54	2.28	5.44	503	3.89	18.4			
111.1	21	9.67	22.35	474	8.11	57	1.15	5.30	504	3.97	9.5			
111.0	24	9.75	22.08	474	8.00	60	0.55	5.07	505	4.04	4.6			
119.7	27	11.99	19.45	478	7.6	63	0.37	4.97	505	4.07	2.9			
129.4	30	13.10	15.18	478	6.78	66	0.29	4.86	504	4.12	2.5			
120.1	33	12.65	13.04	482	6.02	69	0.17	4.79	505	4.21	1.4			
00.6	36	11.12	10.80	486	5.22	72	0.21	4.69	534	4.24	1.2			

Meter Type and ID Number(s) Hydrolab Surveyor 4a

**Water Samples**

Depth of Integrated Water Sample \_\_\_\_\_ m or ft SLH Field Number \_\_\_\_\_  
 Amount filtered for chlorophyll \_\_\_\_\_ mLs

**Comments / Observations**

Air Temp 23.60 °C No Water Samples  
 9 ft temp 22.96

We are anchored in the middle of the water ski & jet ski channel  
 Drifted to 79 ft water depth