

Sheb

DNR BASELINE MONITORING

Lake Name Ellen Date 08/13/02 Time 12:45 PM

Sample Location (e.g., deepest point in basin) Deep Spot @ 34 ft

WBIC 32500 % Cloud Cover/Precip 80% / Dry

Observers Kathi Kramasz Wind Speed 5-10 mph from SW Direction
Heidi Bunk

Field Measurements and Observations

Secchi Disk 2.8 (m or ft) Custer Color Strip Reading _____

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

Site depth 34 (m or ft)

pH at 1 meter 8.50

pH @ 27ft 7.8

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	8.60	25.80	529	30	0.29	12.66	585				
3	8.57	25.73	529	33	0.12	11.16	599				
6	8.56	25.65	529								
9	8.60	25.6	528								
12	8.47	25.4	529								
15	8.41	25.2	531								
18	7.19	22.27	549								
21	6.47	19.00	566								
24	2.72	16.46	574								
27	0.36	13.32	579								

Meter Type and ID Number(s) Hydralab Surveyor 3

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number Ellen 1

Amount filtered for chlorophyll 800 mLs

Comments / Observations