

Trend

Wauk Co.

DNR BASELINE MONITORING

Lake Name School Section Lake Date 8 / 28 / 00 Time 1:30pm

Sample Location (e.g., deepest point in basin) 6.0ft

WBIC 0825000 % Cloud Cover/Precip 25%

Observers Lauren Stankard Wind Speed 15 mph from NE Direction
Heide Bunk

Field Measurements and Observations

✓ Secchi Disk 0.75 (m or ft) Custer Color Strip Reading 8

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

Site depth 0.0 (m or ft)
✓ pH at 1 meter 7.31
Brown

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	8.17	24.49	553								
3	8.01	24.32	554								
6.0	5.32	23.00	555								

Meter Type and ID Number(s) _____

Water Samples

Depth of Integrated Water Sample 5 m or ft SLH Field Number SCH02

Amount filtered for chlorophyll 300 mLs

Comments / Observations

Slacet 683251

DNR BASELINE MONITORING

Lake Name School Section Date 10 / 01 / 01 Time 10:39 AM
 Sample Location (e.g., deepest point in basin) Deep Spot @ 14 ft
 WBIC 825000 % Cloud Cover/Precip 95% Dry
 Observers Bunk Wind Speed 5 mph from SW Direction
Kline

Field Measurements and Observations

Secchi Disk 1.5 (m or ft) Custer Color Strip Reading 7
 Algae Development – Not apparent _____ Site depth 14 (m or ft)
 Slight (just visible) X
 Moderate (quite noticeable) _____
 Heavy (very green) _____
 pH at 1 meter 8.24

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	11.52	15.62	493								
3	11.56	15.55	493								
6	11.55	15.50	493								
9	10.36	14.59	507								
12	9.39	13.61	540								

Meter Type and ID Number(s) HydroLab Surveyor 3

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number School 1
 Amount filtered for chlorophyll 500 mLs

Comments / Observations

DNR BASELINE MONITORING

Lake Name School section Date 5/15/02 Time 9:45 AM

Sample Location (e.g., deepest point in basin) 4 ft hole

WBIC _____ % Cloud Cover/Precip Clear/Dry

Observers King Wind Speed 15-20 mph from SE Direction (Towards launch)
Bink

Field Measurements and Observations

Secchi Disk 1.5 (m or ft) Custer Color Strip Reading _____

Algae Development – Not apparent _____ Site depth 4 (m or ft)

Slight (just visible) _____

Moderate (quite noticeable) _____

Heavy (very green) _____

pH at 1 meter 8.32

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
<u>3</u>	<u>11.43</u>	<u>12.67</u>	<u>552</u>								

Meter Type and ID Number(s) Datasound 9

Water Samples

Depth of Integrated Water Sample 0-4 m or ft SLH Field Number School 1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

*EWM Very heavy
Hard to navigate through*

~~XXXXXXXXXX~~ X X

DNR BASELINE MONITORING

Lake Name School Section Date 4/18/05 Time 10:00

Sample Location (e.g., deepest point in basin) Deep spot @ 16 ft

WBIC _____ % Cloud Cover/Precip 0 blue skies

Observers Bunk Wind Speed 5 mph from S Direction
Campfield

Field Measurements and Observations

Secchi Disk 1.1 (m) or ft) Custer Color Strip Reading 10

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

Site depth 16 (m or ft)
pH at 1 meter 7.7
Brown stained H₂O

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
3	7.98	15.5	554	7.7							
6	6.54	13.8	576	7.4							
9	6.07	10.8	563	7.2							

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

Water Samples

Depth of Integrated Water Sample 1 m or ft) SLH Field Number School 1

Amount filtered for chlorophyll — mLs

Comments / Observations

N 42° 59.067', Elevation 920.0 ft
W 088° 30.070'
accur 16.9 ft

Jennifer Filbert

DNR BASELINE MONITORING

Lake Name School Section Date 6/08/05 Time 10:10 AM

Sample Location (e.g., deepest point in basin) Deep Spot @ 14 ft

WBIC _____ % Cloud Cover/Precip 70% / Dry

Observers Wieloch Wind Speed 10-15 mph from NW Direction
Bunk

Field Measurements and Observations

Secchi Disk 2.8 (m or ft)

Custer Color Strip Reading 10

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

Site depth 14 (m or ft)

pH at 1 meter 7.72 12 6.92
6 7.74 7.39

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
3	5.84	25.35	534								
6	5.92	25.33	535								
9	6.35	18.30	570.8								
12	3.57	14.95	577.6								

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

Water Samples

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

Amount filtered for chlorophyll _____ mLs

Comments / Observations

N 42°59.044'
W 088°30.062'
Elevation 845.4
Accur 25.3 ft

XX

School Section 12:37 PM 7/11/2005

	D.O	Temp	Cond	Ph
3	6.39	27.25	519	7.66
6	6.69	25.62	521	7.64
9	5.28	23.76	533	7.34
12	0.22	20.22	572	6.41

13.4 ft hole

calm

100% clouds

no algae

tannin staining

0.6 ft chloroplast

school 1

Secchi 2.0 m

Custer strip 7

N 42° 59.017'

W 088° 30.104'

elevation 849

acur 14.0 ft

DNR BASELINE MONITORING

Lake Name School Section Date 9 / 19 / 05 Time 10:54 AM

Sample Location (e.g., deepest point in basin) Deep Spot @ 14 ft

WBIC _____ % Cloud Cover/Precip 100% / Dry / Windy

Observers Hemmingsen Wind Speed 10-20 mph from NE Direction
Bank

Field Measurements and Observations

Secchi Disk 1.7 (m or ft) Custer Color Strip Reading 7

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

Site depth 14 (m or ft)

pH at 1 meter 8.07

Profiles

pH
8.07
8.03

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
3	5.42	21.83	573								
6	5.34	21.82	573								
9	5.18	21.75	574								

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

Water Samples

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

Amount filtered for chlorophyll _____ mLs

Comments / Observations

Hydrolab Sonde, missing protective cup
N42° 59.049' elev 835 ft
W088° 30.068' arc 26.9 ft

DNR BASELINE MONITORING

Lake Name School Section Date 4/18/06 Time 10:44AM
 Sample Location (e.g. deepest point in basin) Deep Spot @ 15.7ft
 WBIC _____ % Cloud Cover 0% Sunny Dry
 Observers Rachael Gall Wind Speed 10-20 mph from SE-E Direction
Heidi Bunk

Field Measurements and Observations

Secchi Disk 2.0 (m or ft) Custer Color Strip Reading _____
 Algae Development - Not apparent X Site Depth 15.7 (m or ft)
 Slight (just visible) _____
 Moderate (quite noticeable) _____ pH at 1 meter 7.92
 Heavy (very green) _____

Profiles

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
3	9.87	13.28	571	7.92										
6	9.78	13.15	572	7.88										
9	9.48	13.02	572	7.86										
12	9.15	12.62	576	7.81										
15	0.41	11.23	617	7.55										

Meter Type and ID Number(s) Surveyor 4a

Water Samples

Depth of Intergrated Water Sample 0-6 m or ft SLH Field Number School 1
 Amount filtered for chlorophyll _____ mLs

Comments / Observations

Water is root beer color - i.e. yellow/orange - Tannin stain
N 42° 59.065'
W 088° 30.081'
854 ft elevation
accur 19.6

DNR BASELINE MONITORING

Lake Name School Section Lake Date 7/17/06 Time 12:13 pm
 Sample Location (e.g. deepest point in basin) Deepest point N 42°59.051' W 088°30.043'
 WBIC _____ % Cloud Cover 70%
 Observers Heidi Bank Wind Speed 10-20 mph from S Direction
Andrew Hudak

Field Measurements and Observations

Secchi Disk 1.25 / 1.3 (m or ft) Custer Color Strip Reading _____
 Algae Development - Not apparent X Site Depth 15.6 (m or ft)
 Slight (just visible) _____
 Moderate (quite noticeable) _____ pH at 1 meter 8.39
 Heavy (very green) _____

Profiles

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
3	8.76	28.38	672	8.39										
6	8.22	28.29	613	8.38										

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

Water Samples

Depth of Intergrated Water Sample 0-6 m or ft SLH Field Number _____
 Amount filtered for chlorophyll _____ mLs field name: School 1

Comments / Observations

3' TDS - .3915, Turbidity - 15.4, % DO 113%
6' - - - % DO 78.3%

DNR BASELINE MONITORING

Lake Name School Section Lake Date 8/03/06 Time 9:41 AM

Sample Location (e.g. deepest point in basin) Deep Spot

WBIC _____ % Cloud Cover 85% to calm not sunny at all

Observers Andy Hudak Wind Speed calm mph from _____ Direction
Ho:Di Bunk H₂O like glass

Field Measurements and Observations

Secchi Disk 1.25, 1.3 (m or ft) Custer Color Strip Reading _____

Algae Development - Not apparent X Site Depth 14 (m or ft)
Slight (just visible) _____
Moderate (quite noticeable) _____ pH at 1 meter _____
Heavy (very green) _____ Brown Yellow Tannin stain

Profiles

108.4
91.5
51.0
14.1

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
3	9.01	24.69	651	8.29										
6	7.46	24.32	659	8.11										
9	4.36	23.34	672	7.80										
12	1.01	21.58	691	7.35										
15	bottom													

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

Water Samples

Depth of Intergrated Water Sample 0-6 m or ft SLH Field Number School 1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

N 42° 59.024' Did TP field blank after double rinse
W 088° 30.079'
± 18 ft
7 sats

DNR BASELINE MONITORING

Lake Name School Section Date 9/18/06 Time 10:55

Sample Location (e.g. deepest point in basin) Deep Spot

WBIC _____ % Cloud Cover 100%

Observers Hudak Mantel Wind Speed 10 mph from Boat Launch Direction
Bunt

Field Measurements and Observations

Secchi Disk 1.5, 1.7, 1.75 (m or ft) Custer Color Strip Reading _____

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

Site Depth 15 (m or ft)

pH at 1 meter _____

Profiles

10 sat
72.8
71.3
67.3
56.4

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
3	6.74	17.96	571	6.43										
6	6.63	17.95	572	6.70										
9	6.21	17.89	567	6.95										
12	5.28	17.30	495	7.05										
15														

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

Water Samples

Depth of Intergrated Water Sample 0-6 m or ft SLH Field Number School 1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

Brown tannin stain to lake
N42° 59.036' ± 16 ft
W 088° 30.061

DNR BASELINE MONITORING

Lake Name School Section Date 4/17/2009 Time 9:32AM
 Sample Location (e.g. deepest point in basin) Deep Spot @ 15.6 ft
 WBIC _____ % Cloud Cover 90%
 Observers Hudak Wind Speed 0-5 mph from East Direction
Bink

Field Measurements and Observations

Secchi Disk 17, 14 (m or ft) Custer Color Strip Reading D1, D3
 Algae Development - Not apparent Site Depth 15.6 (m or ft)
 Slight (just visible) _____
 Moderate (quite noticeable) _____
 Heavy (very green) _____
 pH at 1 meter 7.79

120
120
119
111

Profiles										*				
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
3	13.91	9.49	551	7.79							9.87	7.38	585	7.70
6	13.90	9.37	551	7.84										
9	14.1	8.51	538	7.91										
12	13.54	7.49	542	7.94										
15														

86

Meter Type and ID Number(s) Hydrolab Surveyor 49

Water Samples

Depth of Intergrated Water Sample 0-6 m or ft SLH Field Number School 1
 Amount filtered for chlorophyll _____ mLs

Comments / Observations

N42.98439° ± 20 ft * Taken about 150 ft from bridge inlet
W068.50139° and 100 ft from nearest shore