

Whitewater, Walworth Co SED 21 Apr 86 chl  $a = 36 \mu\text{g l}^{-1}$  25 ml

REL

(x140, x500)

Abundant (5):

*Stephanodiscus niagarae* 40  $\mu\text{d.}$  x 30  $\mu\text{ deep.}$

Very common (4):

*Cryptomonas* cf. *ovata* 8  $\mu$  x 10  $\mu$  x 18  $\mu$ .

*Cryptomonas* cf. *marssonii* 5  $\mu$  x 8  $\mu$  x 14  $\mu$ .

Common (3):

*Pediastrum simplex* var. *duodenarium* colony size varies.

Occasional (2):

*Melosira* cf. *islandica* 8  $\mu\text{d.}$  x 20  $\mu\text{ long}$

*Oocystis* sp. 12  $\mu$  x 18  $\mu$

*Dinobryon* sp. protoplast: 5  $\mu\text{d.}$  x 10  $\mu$

*Chroomonas scuta* 4  $\mu$  x 8  $\mu$ .

*Asterionella formosa*. 3  $\mu$  x 3  $\mu$  x 44  $\mu$

*Closterium* <sup>cf.</sup> *gracile* 4  $\mu\text{d.}$  @ mid x 110  $\mu\text{ long}$

*Scenedesmus quadricauda* var. *quadrispina* @ 3  $\mu\text{d.}$  x 7  $\mu\text{ long}$

*Scenedesmus bijuga* @ 2  $\mu\text{d.}$  x 5  $\mu\text{ long.}$

*fel*

Water Body No.:  
 Lake: Whitewater  
 County: Walworth  
 DNR District: SD

Zooplankton 1988

Collected by:  
 Identified by: Dr. William E. Walton

Key =            Abundant 5    Occasional 2  
                   Very Common 4    Present 1  
                   Common 3        Absent 0

	17 Feb	14 Apr	8 Jun	18 Jul	23 Aug
Tow length (m)					
Subsample volume	0.1	0.05	0.05	0.05	0.1
Daphnia					
Number	10	10	10	15	12
Mean size (mm)	1.11	0.96	1.07	0.93	0.84
Standard deviation	0.34	0.30	0.23	0.26	0.17
Copepods					
Number	42	86	62	60	63
Mean size (mm)	0.71	0.65	0.70	0.69	0.68
Standard deviation	0.42	0.41	0.40	0.40	0.40
All zooplankton					
Number	60	108	93	98	97
Mean size (mm)	0.71	0.64	0.66	0.69	0.68
Standard deviation	0.45	0.41	0.39	0.38	0.36

		17 Feb	14 Apr	8 Jun	18 Jul	23 Aug
Leptodiptomus siciloides	LEPSIC	5	4	5	5	5
Calanoid copepodids	CALCO	0	5	4	4	5
Calanoid nauplii	CALNA	3	5	4	5	5
Acanthocyclops vernalis	ACAVE	0	3	3	2	3
Diacyclops bicuspidatus thomasi	DIATH	5	4	2	0	0
Mesocyclops edax	MESED	0	3	4	5	4
Orthocyclops modestus	ORTMO	1	0	0	0	0
Cyclopoid copepodids	CYCCO	5	5	5	5	5
Cyclopoid nauplii	CYCNA	5	5	5	5	5
Biaptura affinis	BIAAF	0	0	0	1	0
Bosmina longirostris	BOSLO	0	3	4	0	0
Ceriodaphnia lacustris	CERLA	0	0	0	0	3
Chydorus sphaericus	CHYSP	4	5	4	3	2
Daphnia galeata mendotae	DAPGM	5	5	5	4	3
Daphnia retrocurva	DAPRE	0	0	0	5	5
Diaphanosoma birgei	DIABI	0	0	2	5	5
Eubosmina coregoni	EUBCO	0	0	0	5	5
Leptodora kindtii	LEPKI	0	0	0	1	1
Ostracoda	OSTSP	0	0	0	3	2

## DNR BASELINE MONITORING

Lake Name Whitewater      Date 6/25/01      Time 11:39 AM  
 Sample Location (e.g., deepest point in basin) Deep Spd @ 40 ft  
 WBIC 0816800      % Cloud Cover/Precip Clear/Dry  
 Observers Powers      Wind Speed 10-15 mph from SW Direction  
Bank

### Field Measurements and Observations

Secchi Disk 1.8 m (m or ft)      Custer Color Strip Reading \_\_\_\_\_  
 Algae Development – Not apparent \_\_\_\_\_      Site depth 40 (m or ft)  
                                  Slight (just visible) \_\_\_\_\_  
                                  Moderate (quite noticeable)  \_\_\_\_\_  
                                  Heavy (very green) \_\_\_\_\_  
 pH at 1 meter 8.61

### 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	9.34	23.79	340								
3	9.26	23.78	340								
5	9.27	23.76	340								
10	6.10	20.63	353								
15	3.60	16.35	359								
20	1.94	15.22	358								
25	0.25	14.56	361								
30	0.19	13.10	366								
35	0.14	11.39	395								
40											

Meter Type and ID Number(s) Hydrolab Surveyor 3

### Water Samples

Depth of Integrated Water Sample 0-6 m or ft      SLH Field Number WHITE/  
 Amount filtered for chlorophyll 500 mLs      WHITE 35 ft

### Comments / Observations

Whitewater Lake  
7-22-98

TEMP	pH	SpCOND	TDS	DO	DEPTH
27.91	8.89	305	0.195	8.26	1
27.89	8.9	305	0.195	8.11	5
27.83	8.9	305	0.195	8.12	10
27.39	8.81	313	0.2	6.66	15
19.86	7.93	356	0.228	0.26	20
14.54	7.8	356	0.228	0.19	25
11.87	7.68	361	0.231	0.16	30
10.75	7.56	380	0.243	0.15	35

	Date <b>7/24/97</b>
Lake <b>WHITEWATER</b>	Time <b>11:00</b>
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters <b>2.0 m</b>
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH			Depth	D.O.	Temp.	pH
	1	8.5	25.5	8.8	384	.214				
	5	8.5	25.2	8.8	333	.213				
	10	8.4	25.1	8.8	333	.213				
	15	4.9	24.5	8.6	341	.218				
*	20	0.2	19.5	7.8	377	.241				
	25	0.1	15.7	7.6	392	.258				
	30	0.1	13.3	7.5	395	.253				
	35	0.1	12.4	7.4	410	.262				

Wind Speed and Direction	Cloud Cover <b>10%</b>
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By

	Date <i>6-25-97</i>
Lake <i>WHITEWATER</i>	Time <i>11:40</i>
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters <i>2.7 m</i>
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH			Depth	D.O.	Temp.	pH
	<i>0</i>	<i>8.4</i>	<i>25.8</i>	<i>8.7</i>	<i>348</i>	<i>223</i>				
	<i>5</i>	<i>8.6</i>	<i>25.5</i>	<i>8.7</i>	<i>348</i>	<i>223</i>				
	<i>10</i>	<i>8.1</i>	<i>24.8</i>	<i>8.7</i>	<i>352</i>	<i>225</i>				
<i>*</i>	<i>15</i>	<i>5.3</i>	<i>21.5</i>	<i>8.3</i>	<i>373</i>	<i>239</i>				
	<i>20</i>	<i>2.8</i>	<i>17.0</i>	<i>7.8</i>	<i>388</i>	<i>249</i>				
	<i>25</i>	<i>1.5</i>	<i>14.7</i>	<i>7.6</i>	<i>386</i>	<i>247</i>				
	<i>30</i>	<i>0.1</i>	<i>13.5</i>	<i>7.5</i>	<i>388</i>	<i>248</i>				
	<i>35</i>	<i>0.1</i>	<i>12.3</i>	<i>7.3</i>	<i>397</i>	<i>254</i>				
	<i>40</i>									

Wind Speed and Direction	Cloud Cover <i>10%</i>
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By

Date <u>4/30/97</u>	
Lake <u>Whitewater</u>	Time <u>10:45</u>
County <u>Walworth</u>	Lake Acreage
Storet Number _____	Maximum Depth <u>30 ft</u>
Water Body Number _____	Air Temperature <u>52°F</u>
Station Location <u>Deep Hole</u>	

Light Penetration Station	Secchi Disc Depth in Meters <u>1.0 m</u>
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	TDS/Conductivity		Depth	D.O.	Temp.	pH
	0	10.71	12.84	8.57	.234	365				
	5	10.54	12.84	8.55	.234	365				
	10	10.43	12.79	8.54	.233	364				
	15	10.20	11.98	8.49	.231	361				
	20	9.33	9.49	8.33	.230	360				
	25	8.00	8.10	8.10	.231	361				

Wind Speed and Direction <u>5 mph SE</u>	Cloud Cover <u>100%</u>
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By T. Crane

	Date <b>3/5/97</b>
Lake <b>W. WHITEWATER</b>	Time <b>9:10</b>
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters <b>1.9 m</b>
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	Coulb	TDS	Depth	D.O.	Temp.	pH
	<b>1</b>	<b>10.3</b>	<b>4.3</b>	<b>8.5</b>			<b>274</b>	<b>.175</b>		
	<b>5</b>	<b>9.9</b>	<b>4.8</b>	<b>8.4</b>	<b>305</b>	<b>.196</b>				
	<b>10</b>	<b>6.8</b>	<b>4.9</b>	<b>8.2</b>	<b>324</b>	<b>.207</b>				
<b>4</b>	<b>15</b>	<b>2.5</b>	<b>4.7</b>	<b>7.6</b>	<b>357</b>	<b>.229</b>				
	<b>20</b>	<b>1.4</b>	<b>4.6</b>	<b>7.4</b>	<b>371</b>	<b>.237</b>				
	<b>25</b>	<b>0.6</b>	<b>4.6</b>	<b>7.3</b>	<b>386</b>	<b>.247</b>				
	<b>30</b>	<b>0.4</b>	<b>4.6</b>	<b>7.2</b>	<b>392</b>	<b>.251</b>				

Wind Speed and Direction	Cloud Cover <b>100%</b>
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By



Whitewater Lake  
Date: 8-27-96

123615	24.62	8.59	0.293	0.188	8.16	0.2
123805	24.58	8.56	0.292	0.187	8.04	3.2
123902	24.36	8.56	0.292	0.187	7.71	8.5
124038	24.16	8.55	0.294	0.188	7.06	13.3
124215	20.16	7.41	0.371	0.237	0.14	18.2
124341	14.59	7.08	0.416	0.266	0.09	23.7
124517	11.96	6.96	0.429	0.274	0.09	28.1
124614	10.43	6.77	0.463	0.296	0.09	33.4
124754	10.11	6.7	0.48	0.307	0.08	36.1

WHITEWATER L. 7-22-96

12:28

DATA SHEET  
FORM 3600-49

WX: 100% CLOUD

DEPARTMENT OF NATURAL RESOURCES

WEST WIND 10-15 MPH

SECCHI-1.4m

DEPTH	TEMP	DO	PH	CORR	TDS	SP	CHL
SURF	23.26	8.32	8.59	316	.202	7.7	13.3
5'	23.24	8.29	8.59	316	.202	7.8	13.3
10'	23.22	8.20	8.59	316	.202	7.9	13.3
15'	23.18	8.25	8.60	315	.202	8.0	13.3
*20'	18.71	8.10	7.56	390	.252	8.1	13.3
25'	14.59	8.08	7.56	410	.263	8.2	13.3
30'	11.97	8.08	7.24	418	.268	8.3	13.3
39.4'	10.78	8.08	7.16	425	.273	8.4	13.3

	Date <b>6-26-96</b>
Lake <b>Whitewater</b>	Time <b>1415</b>
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters <b>2.7 m</b>
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	Conds	TDS	Depth	D.O.	Temp.	pH
	0	10.6	24.1	8.6	290	.186				
	5	10.5	24.6	8.6	291	.186				
	10	7.2	22.8	8.5	295	.189				
*	15	6.0	19.0	8.2	333	.214				
	20	2.2	15.9	7.7	347	.222				
	25	0.6	14.0	7.6	357	.229				
	30	0.1	11.8	7.5	364	.233				
	35									

Bot  
5/27/96  
@ 27'

Wind Speed and Direction <b>SSE 5-15</b>	Cloud Cover <b>10%</b>
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By

	Date <i>4-16-96</i>
Lake <i>WHITEWATER LK</i>	Time <i>13:15</i>
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature

Station Location

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Light Penetration Station	Secchi Disc Depth in Meters <i>1.5</i>
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH			Depth	D.O.	Temp.	pH
	<i>1</i>	<i>11.1</i>	<i>7.4</i>	<i>8.0</i>	<i>347</i>	<i>.222</i>				
	<i>5</i>	<i>10.9</i>	<i>7.4</i>	<i>8.1</i>	<i>346</i>	<i>"</i>				
	<i>10</i>	<i>10.9</i>	<i>7.4</i>	<i>8.1</i>	<i>347</i>	<i>"</i>				
	<i>15</i>	<i>10.8</i>	<i>7.4</i>	<i>8.1</i>	<i>347</i>	<i>"</i>				
	<i>20</i>	<i>10.8</i>	<i>7.4</i>	<i>8.1</i>	<i>347</i>	<i>"</i>				
	<i>25</i>	<i>10.8</i>	<i>7.4</i>	<i>8.1</i>	<i>347</i>	<i>"</i>				
	<i>30</i>	<i>10.7</i>	<i>7.4</i>	<i>8.1</i>	<i>347</i>	<i>"</i>				
	<i>35</i>									

Wind Speed and Direction	Cloud Cover <i>95%</i>
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By

Whitewater Lake, Walworth Co.

Sample Date: 2/22/96

Secchi Depth 2.0 m

	Temp	pH	SpCond	TDS	DO	Depth	
123200	3.86	7.98	0.332	0.212	8.88	1	
123536	4.63	8.03	0.36	0.23	9.01	5	
124128	5.04	7.88	0.393	0.252	8.02	10	
124428	4.57	7.64	0.41	0.262	5.21	15 *	
124601	4.23	7.57	0.416	0.266	3.59	20	
124721	4.21	7.54	0.42	0.269	3.2	25	
124909	4.21	7.51	0.424	0.272	3.01	30	
125032	4.16	7.48	0.429	0.275	2.24	35	

A	A	B	C	D	E	F
64	Whitewater Lake			Secchi = 0.6 m		
65	9/19/95					
66						
67	Depth	Temp	pH	Cond	TDS	DO
68						
69	0	19.75	8.3	0.482	0.309	8.67
70	5	19.76	8.23	0.483	0.309	8.64
71	10	19.74	8.21	0.483	0.309	8.61
72	15	19.73	8.22	0.484	0.309	8.53
73	20	19.66	8.22	0.484	0.309	8.36
74	25	19.62	8.22	0.484	0.31	8.24
75	30	17.14	7.15	0.494	0.316	0.02
76	35	13.22	6.94	0.506	0.324	0
77	40	11.73	6.87	0.515	0.329	0
78	45	10.89	6.77	0.529	0.339	0

	Date 7-24-95
Lake WHITewater LK	Time 12:40
County	Lake Acreage
Storet Number -----	Maximum Depth
Water Body Number -----	Air Temperature
Station Location _____ _____	

Light Penetration Station	Secchi Disc Depth in Meters 1.0 m
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	COND	TDS	Depth	D.O.	Temp.	pH
	0	10.4	27.1	9.3	266	.170				
	5	10.5	26.8	9.3	266	.170				
	10	6.3	25.6	9.2	270	.193				
	15	0.0	23.2	8.4	301	.192				
*	20	0.0	18.1	8.2	328	.212				
	25	0.0	14.9	7.9	340	.217				
	30	0.0	11.9	7.8	340	.218				
	35	0.0	10.9	7.7	346	.222				

Wind Speed and Direction Calm	Cloud Cover 0%
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By \_\_\_\_\_

	Date <i>20 June 95</i>
Lake <i>Whitewater Lake</i>	Time <i>11:30</i>
County <i>Walworth</i>	Lake Acreage
Storet Number _____	Maximum Depth <i>27ft mixed depth lake</i>
Water Body Number _____	Air Temperature
Station Location _____ _____	

Light Penetration Station <i>SD = 1.6 m</i>	Secchi Disc Depth in Meters <i>1.6 m</i>
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH
	<i>0</i>	<i>11.1</i>	<i>27.13</i>	<i>8.85</i>
	<i>5</i>	<i>11.0</i>	<i>27.09</i>	<i>8.86</i>
*	<i>10</i>	<i>8.4</i>	<i>23.60</i>	<i>8.61</i>
	<i>15</i>	<i>7.2</i>	<i>20.69</i>	<i>8.49</i>
	<i>20</i>	<i>2.2</i>	<i>17.69</i>	<i>7.98</i>
	<i>25</i>	<i>0.05</i>	<i>14.66</i>	<i>7.78</i>
	<i>27</i>	<i>0.03</i>	<i>12.93</i>	<i>7.72</i>

<i>cond</i> Depth	<i>Turb</i> D.O.	Temp.	pH
<i>0.317</i>	<i>0.203</i>		
<i>0.318</i>	<i>0.203</i>		
<i>0.331</i>	<i>0.211</i>		
<i>0.336</i>	<i>0.241</i>		
<i>0.343</i>	<i>0.219</i>		
<i>0.344</i>	<i>0.221</i>		
<i>0.345</i>	<i>0.221</i>		

Wind Speed and Direction <i>NW 65 mph</i>	Cloud Cover <i>25%</i>
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Macrophyte Sampling Information

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Additional Comments or Remarks

*Bottom sample at 27'. Mid-sample at 10'*

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Prepared By \_\_\_\_\_



Date		4-20-95	
Lake	WHITSWATER	Time	1010
County		Lake Acreage	
Storet Number	-----	Maximum Depth	
Water Body Number	-----	Air Temperature	
Station Location			

Light Penetration Station	Secchi Disc Depth in Meters
	1.75m

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	0200	705	Depth	D.O.	Temp.	pH
	0	11.3	8.6	8.3	.347	.222				
	5	11.3	8.6	8.4	.347	.222				
	10	11.3	8.6	8.4	.347	.222				
	15	11.3	8.6	8.4	.347	.222				
	20	11.3	8.5	8.4	.347	.222				
	25	11.2	8.5	8.4	.347	.222				
	30	11.2	8.4	8.5	.347	.222				
	35	11.2	8.4	8.5	.347	.222				

Wind Speed and Direction	Cloud Cover
	100%

Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By

NORTH LK  
BOTTOMS

Date		2-21-95
Lake	WHITENATER LK	
County	Lake Acreage	
Storet Number	Maximum Depth	
Water Body Number	Air Temperature	

Station Location

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Light Penetration Station	Secchi Disc Depth in Meters
	5.8 m

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	COND TDS		Depth	D.O.	Temp.	pH
	0	8.8	3.9	8.3	.258	.229				
	5	8.7	4.0	8.3	.358	.229				
	10	8.5	4.0	8.3	.358	.229				
★	15	7.8	4.0	8.3	.361	.231				
	20	7.6	4.1	8.3	.362	.232				
	25	7.3	4.1	8.3	.364	.233				
	30	6.1	<del>4.1</del>	8.2	.367	.235				
	35		4.2							

Wind Speed and Direction	Cloud Cover
15 MPH NORTH	0%

Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By

	Date 9-6-94
Lake White water	Time 11:17
County	Lake Acreage
Storet Number -----	Maximum Depth
Water Body Number -----	Air Temperature
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters 1.5m
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	TDS	Cond	Depth	D.O.	Temp.	pH
	0	8.3	19.3	8.5	217	339				
	5	7.2	19.7	8.5	217	338				
	10	7.1	19.6	8.5	217	338				
	15	6.7	19.6	8.5	217	339				
	20	6.0	19.5	8.5	217	339				
* 25	0.3	<del>19.8</del>	17.6	7.6	255	403				
	30	0.1	12.6	7.3	288	451				
	35	0.0	11.0	7.1	301	472				

Wind Speed and Direction	Cloud Cover 10%
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By \_\_\_\_\_

	Date <u>8/1/94</u>
Lake <u>Whitewater Lake</u>	Time
County <u>Walworth</u>	Lake Acreage
Storet Number _____	Maximum Depth
Water Body Number _____	Air Temperature

Station Location

Light Penetration Station

Secchi Disc Depth in Meters

0.9

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit  
ft./m

Depth	D.O.	Temp.	pH
<u>1'</u>	<u>8.49</u>	<u>25.4</u>	<u>X</u>
<u>5'</u>	<u>8.51</u>	<u>25.1</u>	
<u>10'</u>	<u>7.79</u>	<u>24.6</u>	
<u>15'</u>	<u>6.70</u>	<u>24.3</u>	
<u>20'</u>	<u>1.76</u>	<u>23.4</u>	<u>X</u>
<u>25'</u>	<u>0.13</u>	<u>16.8</u>	
<u>30'</u>	<u>0.11</u>	<u>12.2</u>	<u>X</u>

Depth	D.O.	Temp.	pH
<u>1</u>	—	—	<u>8.63</u>
<u>20</u>	—	—	<u>7.81</u>
<u>30</u>	—	—	<u>7.46</u>

COND  
298  
317  
360

Wind Speed and Direction

Cloud Cover

Macrophyte Sampling Information

Additional Comments or Remarks

17.5' Deep 23.6% 2.09 mg/l D.O.

Prepared By

	Date <u>6/30/94</u>
Lake <u>WHITewater LAKE</u>	Time <u>1450</u>
County <u>WALWORTH Co.</u>	Lake Acreage <u>640</u>
Storet Number <u>6 5 3 1 2 6</u>	Maximum Depth <u>38 Ft.</u>
Water Body Number <u>0 8 1 6 8 0 0</u>	Air Temperature
Station Location <u>Maximum depth</u>	

Light Penetration Station	Secchi Disc Depth in Meters <u>2.0</u>
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	Cond	Depth	D.O.	Temp.	pH
	0	8.5	26.6	8.4	.416				
	5	8.7	24.5	8.5	.415				
	10	7.9	23.9	8.4	.415				
	15	7.7	23.8	8.4	.415				
*	20	0.1	20.8	7.8	.431				
	25	0.0	13.6	7.5	.428				
	30	0.0	11.3	7.5	.428				
	35	0.0	10.3	7.4	.440				
	37	0.0	10.1	7.3	.449				

Wind Speed and Direction <u>Calm</u>	Cloud Cover <u>40%</u>
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Macrophyte Sampling Information

	TDS		
		0	1266
		5	1265
		10	1266
		15	1266
		20	1279
		25	1274
		30	1274
		35	1281
		37	1288

Additional Comments or Remarks

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Prepared By \_\_\_\_\_

	Date <u>4-21-94</u>
Lake <u>Whitewater</u>	Time <u>11:25</u>
County <u>Walworth</u>	Lake Acreage
Storet Number _____	Maximum Depth
Water Body Number _____	Air Temperature <u>60°</u>

Station Location

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Light Penetration Station	Secchi Disc Depth in Meters <u>1.7 m</u>
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit  
ft./m

Depth	D.O.	Temp.	pH
<u>0</u>	<u>10.6</u>	<u>12.2</u>	<u>7.2</u>
<u>5</u>	<u>10.5</u>	<u>12.2</u>	
<u>10</u>	<u>10.4</u>	<u>12.2</u>	
<u>15</u>	<u>10.4</u>	<u>12.1</u>	
<u>20</u>	<u>10.3</u>	<u>12.1</u>	
<u>25</u>	<u>9.9</u>	<u>11.1</u>	
<u>30</u>	<u>8.8</u>	<u>10.1</u>	
<u>35</u>	<u>6.7</u>	<u>9.4</u>	
<u>40</u>			

Depth	D.O.	Temp.	pH

Wind Speed and Direction	Cloud Cover <u>90%</u>
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By Art Henning

Date		2-22-94	
Lake	WHITEWATER LAKE		
County	WALWORTH Co.		
Storet Number	6	5	3 1 2 6
Water Body Number	0	8	1 6 8 0 0
Station Location	Maximum depth		
	<div style="border: 1px solid black; padding: 2px;">42° 45' 53" N</div> <div style="border: 1px solid black; padding: 2px;">88° 42' 18" W</div>		LOGAN
	<div style="border: 1px solid black; padding: 2px;">42 45 36</div> <div style="border: 1px solid black; padding: 2px;">88 42 56</div>		-GPS
Light Penetration Station	Secchi Disc Depth in Meters		
	6.2 m		

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH		Depth	D.O.	Temp.	pH
	0	11.5	0.3	8.3	216				
	5	8.8	3.2						
	10	5.6	3.2						
X	15	4.0	3.1	8.1	264				
	20	3.6	3.1						
	25	3.2	3.1						
	30	2.6	3.1						
	35	2.1	3.2						
	39	1.1	3.4	8.0	281				

Wind Speed and Direction	NENE 14 MPH	Cloud Cover	100%
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By

14:00 0% cloud  
T885 WIND SSW 10/15  
8-24-93

WHITEWATER

DEPTH	D.O.	T °C	pH	COND	Secchi
0	8.1	25.5	9.1	290	
5	8.0	25.5			1.4
10	6.6	24.9			
15	4.7	24.4			
20	0.0	21.5	8.0	314	
25	0.0	17.5			
30	0.0	13.1			
35	0.0	11.6		395	
40					
45					
50					



WIND NE 5-16

12:15

Temp 80° 7-15-93 0% cloud

WHITENATER

Z	T °C	D.O	PH	COND	SECCHI DISK			
					1.4			
0	24.0	9.4	9.2	301				
5	23.9	9.4						
10	23.7	9.2						
15	23.1	7.1						
* 20	18.8	0.3	8.3	335				
25	14.0	0.2						
30	10.7	0.2						
35	9.0	0.2	7.6	403				



5-10-93

12:15

WAVEMAN/GALARRAGA

WHITEWATER LAKE

Z	DO	Temp	pH	Cond	Depth
0	9.1	19.4	8.2	365	
5	9.2	18.9			2.8 m
10	9.4	18.5			
* 15	7.0	15.5	8.2	366	
20	5.8	12.0			
25	4.1	10.2			
30	3.3	9.2	8.1	368	
35					
40					

WHITEWATER LK

2-17-93

15:30

Temp 5°

Z	D.O	T°	pH	COND	Secchi	Wind	NW	20-25
0			8.8	207	2.0 m			
5								
10								
15								
20								
25								
30								
35			7.8	253				
<p>⊗ No D.O. / TEMP DATA - BAD MEMBRANE</p> <p>Ice - 10-12" SNOW ≥ 1" 40% COVER</p>								

Whitewater Lake

01 SEP 1992

start time: 1305  
end 1319

5% <sup>cover</sup> cirrus: cld's  
sw 5 mph: winds

Greg Borzick

depth	temp	DO			Cond	pH	Secchi	Galvanometer
SFC	22.1	10.1			328	9.1		
5	20.6	10.1						
10	20.0	8.9						
15	19.9	7.9						
20	19.1	3.1	Middle sample		327	8.8		
25	13.7	0.4						
30	12.2	0.2	Bottom sample		392	7.1		
Secchi:	1m							



Date 6-18-92	
Lake WHITEWATER LAKE	Time 11:10 - 11:25
County WALWORTH Co.	Lake Acreage 640
Storet Number 6 5 3 1 2 6	Maximum Depth 38 Ft.
Water Body Number 0 8 1 6 8 0 0	Air Temperature 90°F
Station Location Maximum depth	

Light Penetration Station	Secchi Disc Depth in Meters 1.8 m
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH
	Surf	11.6	18	
	5	11.2	18	
	10	10.9	18	
	12.5	10.8	18	
	15	8.0	16	
	17.5	4.8	11.5	
	20	3.8	11	
	22.5	3.7	8.5	
	25	3.7	7	
	30	3.8	5.5	

Depth	D.O.	Temp.	pH
35	3.8	5	
38	3.7	4.5	

Wind Speed and Direction 5 15-20 mph	Cloud Cover 80%
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Macrophyte Sampling Information

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Additional Comments or Remarks

Middle sample at 16 ft

YSI 32	YSI 33	pH
Surface 345	Surf 280	Surf 8.7
Mid 399	Mid 335	Mid 8.2
Bottom 397	Bot 330	Bot 8.3

Prepared By  
Borzick & White

	Date 4-16-92
Lake WHITEWATER LAKE	Time 11:30
County WALWORTH Co.	Lake Acreage 640
Storet Number 6 5 3 1 2 6	Maximum Depth 38 Ft.
Water Body Number 0 8 1 6 8 0 0	Air Temperature
Station Location Maximum depth	

Light Penetration Station	Secchi Disc Depth in Meters 2.0
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit  
ft./m

Depth	D.O.	Temp.	pH		Depth	D.O.	Temp.	pH
0	12.6	4.0	8.3	(cont)				
5	12.6	4.0						
10	12.4	4.0						
15	12.4	4.0						
20	12.2	3.8						
25	12.1	3.5						
30	11.8	3.4						
35	11.8	3.4	8.3					

Wind Speed and Direction	Cloud Cover 100%
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By



WHITewater LAKE 9:45 am 8/21/91

DEPTH	TEMP	D.O.	COND.	SECCHI DEPTH	<u>0.75m</u>			
0	20.5	6.7	#275					
5	20.5	6.5						
10	20.1	3.9						
15	20	2.75						
20	16	0.25	340					
25	12.2	0.20						
30	10.2	0.25						
35	9.8	0.25	355					

WHITEWATER LAKE 7-22-91  
1:00 PM

SUNNY  
@ 50% cloud cover

Secchi Depth /m

DEPTH	TEMP	P.A.								
SURF	26	8.7								
5	26	8.6								
10	25	5.6								
15	22.2	1.0								
*20	16	0.70								
25	17.5	0.85								
30	10.5	0.85								
35	10	0.85								
40										

WHITEWATER LK 6/18/91 1:00 PM

Z	DO	T	pH	COND	SECCHI	3.5M			
0	8.0	26	8.3	350					
5	8.5	25							
10	6.2	24							
* 15	3.7	18	8.0	400					
20	1.4	14							
25	0.6	11.5							
30	0.6	10.5							
35	0.6	10.0	7.4	480					
	BOTTOM @ 36 FT								

Lake <b>WHITEWATER LAKE</b>	Date <b>4-25-91</b>
County <b>WALWORTH Co.</b>	Time <b>1:15 p.m.</b>
Storet Number <b>6 5 3 1 2 6</b>	Lake Acreage <b>640</b>
Water Body Number <b>0 8 1 6 8 0 0</b>	Maximum Depth <b>38 Ft.</b>
Station Location <b>Maximum depth</b>	

Light Penetration Station	Secchi Disc Depth in Meters <b>1.5m</b>
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH
	0	10.8	11.5	
	5	10.8	11.5	
	10	10.8	11.5	
	15	10.0	10.5	
	20	9.2	10.0	
	25	8.8	9.5	
	28	7.4	9.5	
	30	Bottom		

Depth	D.O.	Temp.	pH

Wind Speed and Direction <b>10 mph South</b>	Cloud Cover <b>100% Cloud Cover</b>
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By

	Date <u>3-4-91</u>
Lake <u>WHITEWATER LAKE</u>	Time <u>10:00</u>
County <u>WALWORTH Co.</u>	Lake Acreage <u>640</u>
Storet Number <u>6 5 3 1 2 6</u>	Maximum Depth <u>38 Ft.</u>
Water Body Number <u>0 8 1 6 8 0 0</u>	Air Temperature
Station Location <u>Maximum depth</u>	

Light Penetration Station	Secchi Disc Depth in Meters <u>1.8</u>
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH		Depth	D.O.	Temp.	pH
	<u>0</u>	<u>11.8</u>	<u>+1°C</u>	<u>7.9</u>	<u>217</u>				
	<u>5</u>	<u>19.6</u>	<u>+4°</u>						
	<u>10</u>	<u>12.1</u>	<u>+4.5</u>						
<u>*</u>	<u>15</u>	<u>4.4</u>	<u>+3.6</u>	<u>7.8</u>	<u>287</u>				
	<u>20</u>	<u>3.4</u>	<u>+3.0</u>						
	<u>25</u>	<u>2.0</u>	<u>+3.0</u>						
	<u>30</u>	<u>1.5</u>	<u>+3.0</u>						
	<u>35</u>	<u>1.0</u>	<u>3.3</u>						
	<u>40</u>	<u>0.5</u>	<u>3.8</u>	<u>7.75</u>	<u>321</u>				

Wind Speed and Direction	Cloud Cover <u>20%</u>
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Macrophyte Sampling Information

SNOW COVER 0%

ICE 0"

Additional Comments or Remarks

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Prepared By  
B. WAKEMAN, L. WASKO  
PILOT

Lake WHITEWATER LAKE County WALWORTH Co. Storet Number 6 5 3 1 2 6 Water Body Number 0 8 1 6 8 0 0 Station Location Maximum depth	Date 8-23-90 Time 1250 Lake Acreage 640 Maximum Depth 38 Ft. Air Temperature
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Light Penetration Station	Secchi Disc Depth in Meters 0.9
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	
	0	7.8	23.7	9.4	245
	5	7.8	22.5		
	10	4.3	22.0		
	15	2.2	22.0		
#	20	0.3	18.0	8.4	320
#	25	0.2	15.0	8.0	345
	<del>30</del>				
	35				

Depth	D.O.	Temp.	pH

Wind Speed and Direction	Cloud Cover 75%
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By  
 WAKEMAN J Shepherd

Date	07-23-90
Lake	WHITTEWATER
Time	14:45
County	
Lake Acreage	
Storet Number	
Maximum Depth	35 FT.
Water Body Number	
Air Temperature	24°C
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters
	1.1 M

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m

Depth	D.O.	Temp.	pH
0	11.6	24	
5	8.6	23	
10	2.1	21	
15	1.4	20	
20	0.6	18	
25	0.5	14	
30	0.4	11	
35	0.3	10	

MID-201  
Bottom 35'

Depth	D.O.	Temp.	pH

Wind Speed and Direction	Cloud Cover
N-NE-5 mph	60%

Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By *Melton + Shindan*

	Date	25 June 1990	
Lake	Whitewater	Time	1520
County	Walworth	Lake Acreage	
Storet Number		Maximum Depth	35'
Water Body Number	0816806	Air Temperature	26.5°C
Station Location			

Light Penetration Station	Secchi Disc Depth in Meters	1.25m
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH
*	0	11.6	22.0	7.00
	5	11.8	22.0	
	10	7.3	20.0	
	15	7.2	19.5	
*	20	4.2	17.0	7.95
*	25	1.0	14.0	7.81
	27	1.0	13.5	

Depth	D.O.	Temp.	pH

Wind Speed and Direction	Cloud Cover
10 W	25%

Macrophyte Sampling Information

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Additional Comments or Remarks

"BOT" - 25 ft      switch

"MID" - 21 ft

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Prepared By

Kline & Shardon



Date	4/10/90
Time	2:40
Lake Acreage	640
Maximum Depth	38 Ft.
Air Temperature	5.5

Lake  
WHITEWATER LAKE

County  
WALWORTH Co.

Storet Number  
6 5 3 1 2 6

Water Body Number  
0 8 1 6 8 0 0

Station Location  
Maximum depth

Light Penetration Station	Secchi Disc Depth in Meters
	2.0

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH
	0	12.0	6.5	
	5	12.2	6.5	
	10	12.2	6.5	
	15	12.2	6.5	
	20	12.1	6.5	
	25	12.0	6.5	
	30	12.0	6.5	
	35	12.0	6.5	

Depth	D.O.	Temp.	pH

Wind Speed and Direction	Cloud Cover
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By

Date		26 FEB 90	
Lake	Whitewater	Time	1315
County	Walworth	Lake Acreage	
Storet Number		Maximum Depth	
Water Body Number		Air Temperature	25°F
Station Location			

Light Penetration Station	Secchi Disc Depth in Meters
	2.4 m

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	Cov.	Depth	D.O.	Temp.	pH
x	2	16.0	4.0	9.1	215				
	5	15.4	4.5						
	10	10.4	4.5						
x	15	6.9	4.5	8.3	290				
	20	5.8	4.5						
x	25	3.2	5.0	8.3	300				

Wind Speed and Direction	10-15 WSW	Cloud Cover	10%
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Macrophyte Sampling Information

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Additional Comments or Remarks

10" hard ice

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Prepared By

WIKEMAN/MACE

Date		8-22-89	
Lake	WHITEWATER L	Time	1300
County		Lake Acreage	
Storet Number		Maximum Depth	
Water Body Number		Air Temperature	
Station Location			

Light Penetration Station	Secchi Disc Depth in Meters
	1.2 m

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	COND	Depth	D.O.	Temp.	pH
*	0	8.5	24.25	9.7	350				
	5	8.2	24.0						
	10	5.3	23.0						
*	15	2.7	22.5	9.4	350				
	20	0.2	17.0						
	25	0.2	14.0						
	30	0.1	12.0						
	35	0.1	11.0						
*	36	0.1	10.5	7.75	400				

Wind Speed and Direction	Cloud Cover
N SW 10-15	25%

Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By



	Date <span style="font-size: 1.2em;">6-28-89</span>
Lake <span style="font-size: 1.2em;">WHITEWATER</span>	Time <span style="font-size: 1.2em;">14:20</span>
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters <span style="font-size: 1.2em;">1.4</span>
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	
*	0	10.5	25.6	9.35	200
	5	10.7	25.6		
	10	10.3	21.9		
*	15	4.3	18.7	9.3	310
	20	1.8	16.8		
	25	0.3	12.9		
*	30	0.2	10.9		390
	35	0.2	10.0	8.6	

Depth	D.O.	Temp.	pH

Wind Speed and Direction	Cloud Cover <span style="font-size: 1.2em;">20%</span>
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By

Date		4-27-89	
Lake	WHITEWATER LAKE		
County	WALWORTH Co.		
Storet Number	6	5	3 1 2 6
Water Body Number	0	8	1 6 8 0 0
Station Location	Maximum depth		
Light Penetration Station	Secchi Disc Depth in Meters 2.8 m		

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit  
ft./m

Depth	D.O.	Temp.	pH	COND	Depth	D.O.	Temp.	pH
0	10.3	14.0	8.8	268				
5	10.3	13.9						
10	10.3	13.9						
15	10.4	12.0						
20	9.7	11.0						
25	9.1	10.0						
30	8.5	9.7						
35	6.2	9.1						
38	4.7	9.0	8.6	285				

Wind Speed and Direction	0-10 NE	Cloud Cover	10%
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By *GP + JA*

	Date <b>2-21-89</b>
Lake <b>WHITEWATER</b>	Time <b>12:00</b>
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters <b>2.25</b>
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	COND	Depth	D.O.	Temp.	pH
*	0	14.3	2.0	8.4	225				
	5	12.6	4.0						
	10	11.7	4.2						
*	15	10.2	4.5	8.2	220				
	20	9.6	4.4						
	25	9.1	4.5						
*	30	6.2	4.4	7.8	232				
	33	0.3	4.4						

Wind Speed and Direction	Cloud Cover <b>10%</b>
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Macrophyte Sampling Information

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Additional Comments or Remarks

**ICE THICK = 0.2 M**

**SNOW 100% 4 IN**

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Prepared By  
**Waxeman / AARTILH**

Date	8-23-88
Lake	Whitewater Lake
Time	14:25
County	Walworth
Lake Acreage	
Storet Number	
Maximum Depth	35'
Water Body Number	
Air Temperature	
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters
	1.0

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	Corrb	Depth	D.O.	Temp.	pH
*	0	8.2	25.5	8.95	340				
	5	7.8	25.5						
	10	7.2	25.0						
*	15	7.2	24.5	8.9	315				
	20	.2	19.5						
	25	.	14.0						
	30	.	11.0						
*	35	.	10.0	7.65	470				

Wind Speed and Direction	5-12 NW	Cloud Cover	15%
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By Wakemon



RTN TO OFFICE

Department of Natural Resources  
Southeast District

LAKE INVESTIGATION RECORD  
Form 3200-73 7-85

Date	07-18-88
Lake	WHITEWATER LK
Time	12:30
County	WHLW.
Storet Number	653126
Water Body Number	0816800
Station Location	DEEP WATER

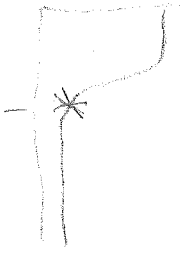
Light Penetration Station

Secchi Disc Depth in Meters: 4' 6" (1.37 m)

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit	Depth	D.O.	Temp.	pH
ft./m * X	0	7.9	26.4	
	5	7.9	26.4	
	10	7.3	26.1	
	15	1.6	24.1	
	20	0.57	18.6	
mid	25	0.62	17.8	
	30	0.80	10.0	
* X	35	0.92	9.1	

Depth	D.O.	Temp.	pH



Wind Speed and Direction: Light + variable

Cloud Cover: 100 %

Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By

Date	6-8-88
Lake	Whitewater
Time	12:45 P.M.
County	
Storet Number	
Water-Body Number	
Station Location	
Lake Acreage	
Maximum Depth	
Air Temperature	

Light Penetration Station	Secchi Disc Depth in Meters
	1.0

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	COND.	Depth	D.O.	Temp.	pH
*	0	8.8	24.0	7.2	350				
	5	8.8	24.0						
	10	8.8	24.0						
	15	4.8	21.0						
	20	4.2	18.2						
X	25	0.2	10.9	7.3	320				
	30	0.1	9.5						
X	35	0.1	9.1	7.2	370				

Wind Speed and Direction	10-15 NE	Cloud Cover	10%
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Macrophyte Sampling Information

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Additional Comments or Remarks

Staff Gauge .75 No water over dam.

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Prepared By D. Meyer B. Wake man

14

Date	4-14-88
Lake	WHITEWATER
Time	1045
County	WALWORTH
Lake Acreage	
Storet Number	653126
Maximum Depth	
Water Body Number	0216800
Air Temperature	40
Station Location	
Light Penetration Station	
Secchi Disc Depth in Meters	1.0

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH		Depth	D.O.	Temp.	pH
	0	12.6	10.9	8.5	320				
	5	12.5	11.0						
	10	12.3	11.0						
	15	12.2	11.0						
	20	10.8	11.0						
	25	10.7	10.6						
	30	10.3	10.6	8.5	320				
	32								
	40								
	✓								

Wind Speed and Direction	11/20	20	Cloud Cover	75%
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Macrophyte Sampling Information

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Additional Comments or Remarks

1.40 Gauge HT

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Prepared By

Date		2-17-88		
Lake	WHITEWATER LAKE		Time	12:00
County	WALWORTH Co.		Lake Acreage	640
Storet Number	6 5 3 1 2 6		Maximum Depth	38 Ft.
Water Body Number	0 8 1 6 8 0 0		Air Temperature	
Station Location				
Maximum depth				
Light Penetration				
Station		Secchi Disc Depth in Meters		2.4

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	COND	Depth	D.O.	Temp.	pH
*	0	14.2	0.8	7.9	280				
	5	12.7	2.9						
*	10	10.5	4.0	7.6	295				
	15	10.0	4.0						
	20	9.9	4.0						
	25	9.6	4.0						
	30	8.9	4.0						
*	35	3.4	4.0	7.5	325				

Wind Speed and Direction	Cloud Cover	0%
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Macrophyte Sampling Information

*(Handwritten scribbles and numbers: 42, 88, etc.)*

Additional Comments or Remarks

ICE 0.4m  
SNOW 4" 100%

N 42 45.49  
W 088 42.10

Prepared By WAKEMAN

Date	19 August 87
Lake	WHITEWATER L.
Time	1230
County	WALWORTH
Lake Acreage	
Storet Number	
Maximum Depth	
Water Body Number	
Air Temperature	
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters	0.7
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	
*	1	8.7	25.0	8.8	250
	5	8.5	24.8		
	10	7.8	24.5		
*	15	8.2	24.5	8.7	265
	20	0.2	22.0		
	25	0.1	15.0		
	30	0.1	11.5		
	35	0.1	9.8		
*	38	0.1	9.5	7.4	348

Depth	D.O.	Temp.	pH

Wind Speed and Direction	Cloud Cover	40%
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Macrophyte Sampling Information

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Additional Comments or Remarks

STAFF GAUGE 1.18

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Prepared By

Date	7-22-87
Lake	WHITEWATER
Time	14:00
County	
Lake Acreage	
Storet Number	
Maximum Depth	
Water Body Number	
Air Temperature	
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters
	1.3m

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	Cont	Depth	D.O.	Temp.	pH
*	0	9.0	28.0	8.35	365				
	5	7.1	27.6						
	10	8.4	26.9						
	15	5.3	26.0						
*	20	0.1	20.5	7.9	400				
	25	0.1	13.7						
	30	0.1	11.0						
*	35	0.1	9.9	7.6	430				

Wind Speed and Direction	Cloud Cover
	0%

Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By  
WAKEMAN/WAWRZTA

Date	4 June 87
Lake	Whitewater
Time	1315
County	Wabasha
Lake Acreage	
Storet Number	
Maximum Depth	
Water Body Number	
Air Temperature	~ 60°F
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters
	1.5

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH		Depth	D.O.	Temp.	pH
*	0	7.2	23.1	8.3	400				
	5	7.2	23.1						
	10	7.0	22.4						
*	15	3.3	20.1	8.3	400				
	20	1.1	16.3						
	25	.1	12.5						
	30	.1	10.6						
	35	.15	9.3						
*	37	.15	9.3	8.4	400				

Wind Speed and Direction	Cloud Cover
5-10 WNW	0-5%

Macrophyte Sampling Information

N/A

Additional Comments or Remarks

Prepared By S. Mace

Date 4-7-87	
Lake WHITEWATER LAKE	Time 13:18
County WALWORTH Co.	Lake Acreage 640
Storet Number 6 5 3 1 2 6	Maximum Depth 38 Ft.
Water Body Number 0 8 1 6 8 0 0	Air Temperature 62°
Station Location Maximum depth	

Light Penetration Station	Secchi Disc Depth in Meters 1.3m
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	
*	0	12.0	7.6	8.5	295
	5	12.0	7.5		
	10	11.9	7.4		
	15	11.9	7.2		
*	20	11.7	7.1	8.5	287
	25	11.5	7.1		
	30	11.5	6.9		
*	35	11.5	6.9	8.4	293

Depth	D.O.	Temp.	pH

Wind Speed and Direction NE 7-15	Cloud Cover 0%
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Macrophyte Sampling Information

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Additional Comments or Remarks

LAKE COLOR - YEL-GRN

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Prepared By



Date	2/25/87
Lake	WHITEWATER LK
Time	3:15
County	WALW. CO
Lake Acreage	
Storet Number	653126
Maximum Depth	
Water Body Number	
Air Temperature	
Station Location	N 42 45.45 W R 42.15

Light Penetration Station	Secchi Disc Depth in Meters
	2.0 m

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	COND	Depth	D.O.	Temp.	pH
*	1.0	11.0	4.0	7.7	300				
	5	11.7	4.5						
	10	10.0	5.0						
18'	15	9.0	5.0						
*	20	7.5	4.8	7.57	312				
	25	6.6	4.5						
31'	30	5.5	4.2						
*	35	2.5	4.5	7.5	335				

Bot 36

Wind Speed and Direction	Cloud Cover
	80%

Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By 

Date		08-13-16	
Lake	White water	Time	11:40 AM
County	Walworth	Lake Acreage	
Storet Number	6 5 3 1 2 6	Maximum Depth	35 ft
Water Body Number	0 8 1 6 8 0 0	Air Temperature	28°C
Station Location			

Light Penetration Station	Secchi Disc Depth in Meters
	2.25 ft (0.7m)

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	cond	cond			
						Depth	D.O.	Temp.	pH
	0	7.9	22.9	8.7	310				
	5	7.9	23.0						
	10	8.0	23.0						
	15	7.7	23.0						
	20	7.8	23.0						
	25	7.5	23.0						
	30	7.8	23.0	7.8	350				
	35	7.2	20.0	7.2	350				

Wind Speed and Direction	170° @ 12 MPH	Cloud Cover	HIGH THIN OVERCAST
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Macrophyte Sampling Information

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Additional Comments or Remarks

THORNSCINUS TAKEN AT 30'

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Prepared By

*J. Miller*

Date 7-10-86	
Lake WHITewater LAKE	Time 1040
County WALWORTH Co.	Lake Acreage 640
Storet Number 6 5 3 1 2 6	Maximum Depth 38 Ft.
Water Body Number 0 8 1 6 8 0 0	Air Temperature
Station Location Maximum depth	

Light Penetration Station	Secchi Disc Depth in Meters 1.0
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	
	0	8.0	24.5	8.5	348
	5	7.2	24.5		
	10	7.2	24.5		
	15	5.2	24.1		
	20	.5	21.5	8.05	363
	25	.4	16.5		
BOTTOM →	28	.3	16.8	7.72	368

Depth	D.O.	Temp.	pH

Wind Speed and Direction	Cloud Cover 100%
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By

16:00

06-24-86

Whitewater Lake -

Sunny - WINDS:

30% cloud cover - temp

~70°C

	Temp	D.O	Secchi	Conductivity	pH			
0	23.4	9.2	1.0m	350	8.55			
5	23.2	9.1						
10	23.0	8.9						
15	22.5	7.6						
20	19.3	0.8		330	7.0			
25	18.8	0.10						
30	15.5	0.08						
35	11.0	0.07		300	7.2			
40	<del>10.0</del>	<del>0.08</del>						
45								
50								
55								
60								

Date		4-21-86	
Lake		WHITEWATER	
County		WALWORTH	
Storet Number		653126	
Water Body Number		---	
Station Location		deepest PART of LAKE	
Time		13:00	
Lake Acreage		300	
Maximum Depth		35'	
Air Temperature			

Light Penetration Station	Secchi Disc Depth in Meters
	0.7

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit  
ft./m

Depth	D.O.	Temp.	pH	Cond.	Depth	D.O.	Temp.	pH
0	11.0	10.0	8.1	243				
5	11.0	10.0						
10	11.0	10.0						
15	11.0	10.0						
20	11.1	10.0						
25	11.0	10.0						
30	11.0	10.0						
35	9.4	9.2	8.1	250				

Wind Speed and Direction	Cloud Cover

Macrophyte Sampling Information

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Additional Comments or Remarks

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Prepared By