

Zooplankton Data - Pewaukee Lake - Washington Co. 1986

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

Lake Name	Pewaukee Lake	Pewaukee Lake	Pewaukee Lake	Pewaukee Lake
County Name	Waukesha County	Waukesha County	Waukesha County	Waukesha County
Water Body #				
STORET #				
Latitude				
Longitude				
Collector				
Collection Date	21-Apr-86	25-Jun-86	10-Jul-86	13-Aug-86
Year	86	86	86	86
Month	4	6	7	8
Day	21	25	10	13
Identification By	Woolsey, Edward A.	Woolsey, Edward A.	Woolsey, Edward A.	Woolsey, Edward A.
Date of Identification	Dec 87	Dec 87	Dec 87	Dec 87
Tow Length Meters	13.7	13.7	13.7	13.7
Liter/(MG/L) Subsample	0.711	0.711	0.711	0.711
Size-Daphnia-Number	29	30	10	10
Size-Daphnia-Mean mm	2.24	1.9	1.74	1.56
Size-Daphnia-Standard deviation	0.56	0.45	0.63	0.43
Size-Copepods-Number	30	30	28	17
Size-Copepods-Mean	1.11	1.5	1.28	1.27
Size-Copepods-Standard deviation	0.22	0.41	0.29	0.33
Size-All Zooplankton-Number	37	36	32	36
Size-All Zooplankton-Mean	1.56	1.56	1.35	1.07
Size-All Zooplankton-SD	0.75	0.53	0.55	0.38
Acanthocyclops vernalis	0	0	3	2
Bosmina longirostris	0	2	0	3
Chydorus sphaericus	4	3	3	2
Daphnia galeata mendotae	0	3	3	3
Diacyclops thomasi	5	3	0	0
Diaphanosoma leuchtenbergianum	0	0	0	3
Mesocyclops edax	3	3	3	3
Skistodiaptomus oregonensis	3	4	4	3
Daphnia pulicaria	5	4	3	2
Ceriodaphnia lacustris	0	0	0	3

Water Body No.:
 Lake: Pewaukee
 County: Waukesha
 DNR District: SED

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	0.1	0.1	0.1	0.1
Daphnia					
Number	19	20	2	20	10
Mean size (mm)	1.40	0.91	0.81	1.02	1.01
Standard deviation	0.30	0.27	0.05	0.27	0.30
Copepods					
Number	37	48	4	58	70
Mean size (mm)	0.70	0.65	1.02	0.61	0.69
Standard deviation	0.46	0.46	0.19	0.42	0.38
All zooplankton					
Number	67	91	12	92	101
Mean size (mm)	0.85	0.63	0.62	0.67	0.70
Standard deviation	0.52	0.41	0.36	0.41	0.35

	17 Feb	14 Apr	8 Jun	18 Jul	23 Aug
Skistodiaptomus oregonensis	5	5	Present	5	4
Calanoid copepodids	0	3	Present	5	5
Calanoid nauplii	0	5		5	5
Acanthocyclops vernalis	0	0		2	1
Diacyclops bicuspidatus thomasi	4	4	Present	0	0
Eucyclops agilis	0	0	Present	0	0
Mesocyclops edax	0	1	3	4	5
Orthocyclops modestus	0	0		0	5
Cyclopoid copepodids	4	5		5	5
Cyclopoid nauplii	5	5		5	5
Bosmina longirostris	3	3	Present	1	0
Ceriodaphnia lacustris	0	0		0	5
Chydorus sphaericus	3	5	Present	2	0
Daphnia galeata mendotae	5	5	Present	5	5
Daphnia pulicaria	5	5	Present	4	0
Diaphanosoma birgei	0	0		3	5
Eubosmina coregoni	5	4	Present	5	2
Ostracoda	0	0		2	0
Chaoborus sp.	0	0		0	3

¶: Poorly preserved sample: counts are not representative of seasonal trends.

DNR BASELINE MONITORING

Lake Name Pewaukee Date 7/19/06 Time 10:57 AM

Sample Location (e.g. deepest point in basin) Deep Spot @ 48 ft

WBIC _____ % Cloud Cover 30 to Dry, Pt Sun

Observers Brooke Robinson Wind Speed 15-20 mph from E-SE Direction
Heidi Bunk

Field Measurements and Observations

Secchi Disk 1.9 (m or ft) Custer Color Strip Reading yellow-green

Algae Development - Not apparent _____

Slight (just visible) _____

Moderate (quite noticeable) X

Heavy (very green) _____

Site Depth 48 ft (m or ft)

pH at 1 meter 8.27

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	11.24	10.97	755	8.27	39									
6	11.00	10.95	755	8.26	42									
9	11.00	10.94	755	8.24										
12	10.94	10.90	755	8.21										
15	10.95	10.82	754	8.21										
18	10.94	10.86	754	8.20										
21	10.92	10.86	753	8.21										
24	10.88	10.76	754	8.20										
27	10.82	10.76	754	8.21										
30	10.89	10.75	754	8.22										
33	10.76	10.74	754	8.22										
36	10.7	10.7												

Meter Type and ID Number(s) Surveyor 4 a

Water Samples

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

Amount filtered for chlorophyll _____ mLs

Comments / Observations

N 43° 04.282

W 88° 19.696

Secchi not vertical

DNR BASELINE MONITORING

Lake Name Pewaukee

Date 7/18/06

Time 1:03 PM

Sample Location (e.g. deepest point in basin) Deep Spot @ 47 ft

% Cloud Cover 0% Sunny, Hazy

WBIC _____

Wind Speed 15-20 mph from East Direction

Observers Andy Hudak
Heidi Bunk

Field Measurements and Observations

Secchi Disk 1.2, 1.25 (m or ft)

Custer Color Strip Reading _____

Site Depth 47 (m or ft)

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

pH at 1 meter 8.39

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	8.59	26.78	854	8.39										
6	8.40	26.64	853	8.38										
9	8.31	26.5	857	8.37										
12	8.0	26.37	853	8.36										
15	7.86	26.29	854	8.36										

Meter Type and ID Number(s) HydroLab surveyor 9 a

Water Samples

Depth of Integrated Water Sample 0-6 m of ft

SLH Field Number PEW1

Amount filtered for chlorophyll _____ mLs

	3	6	9	12	15
DO sat	107.7	105	102.5	99.1	98.2
TDS	0.5462	0.5468	0.5464	0.5464	0.5466
Turb	1000#	1000#	1000#	1000#	1000#

Very choppy on water!
N43° 04.101' ± 18 ft
W086° 19.422'

DNR BASELINE MONITORING

Lake Name Pewaukee Lake

Date 8/23/06

Time 12:32 PM

Sample Location (e.g. deepest point in basin) Deep Spot @ 44ft

% Cloud Cover 60% part sun

WBIC _____

Wind Speed 0-5 mph from SW Direction

Observers Andy Hudak
Heidi Bunk

Field Measurements and Observations

Secchi Disk 2.3, 2.2 (m or ft)

Custer Color Strip Reading _____

Site Depth 44 (m or ft)

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

pH at 1 meter 8.5

Profiles

8 sat

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	8.21	24.75	845	8.45	39	0.28	13.63	910	7.17	2.6				
6	8.26	24.60	848	8.44	42	0.28	12.97	931	7.08	2.7				
9	7.93	24.51	848	8.44	45		bottom							
12	7.58	24.47	848	8.41										
15	7.02	24.38	849	8.38										
18	7.31	24.22	848	8.38										
21	6.12	24.16	851	8.30										
24	5.21	23.77	852	8.20										
27	4.83	23.58	852	8.17										
30	0.41	20.95	873	7.58										
33	0.36	16.44	883	7.36										
36	0.32	14.76	892	7.27										

80 sat
99.7
99.2
96.0
90.4
83.8
87.4
72.9
61.4
56.7
41.5
36
3.2

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

Water Samples

Depth of Integrated Water Sample 0-6 m or ft

SLH Field Number PEW1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

N 43° 04.175'
W 088° 19.240'
± 16 ft 8 sat

DNR BASELINE MONITORING

Lake Name Pewaukee Date 9/13/06 Time 1:56 PM

Sample Location (e.g. deepest point in basin) Deep spot @ 46 ft

WBIC _____ % Cloud Cover 100%

Observers Hudak, Manthai Wind Speed 5 mph from NW Direction
Bunk

Field Measurements and Observations

Secchi Disk 2.6, 2.25 (m or ft) Custer Color Strip Reading _____

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

Site Depth 46 (m or ft)
pH at 1 meter _____

Profiles

80
Sat
77.7
74.1
72.0
69.6
69.6
70.1
69.9
68.8
69.5
68.6
67.8
61.8

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	6.94	19.76	764	8.22	39	1.44	16.37	885	7.53	6.9				
6	6.57	19.77	765	8.19	42	0.15	13.61	850	7.32	1.6				
9	6.40	19.76	763	8.16	45	0.10	12.96	865	7.19	0.9				
12	6.20	19.77	763	8.17	48									
15	6.18	19.77	763	8.13										
18	6.27	19.73	764	8.12										
21	6.25	19.71	763	8.12										
24	6.21	19.7	764	8.12										
27	6.24	19.66	764	8.11										
30	6.15	19.50	764	8.10										
33	6.12	19.43	764	8.08										
36	2.22	19.05	780	7.85										

Meter Type and ID Number(s) HydroLab Sruena 9a

Water Samples

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

Amount filtered for chlorophyll _____ mLs

Comments / Observations

N43°04.048' ±16 ft
W088°19.017'

DNR BASELINE MONITORING

Lake Name Pewaukee Date 8/14/07 Time 1:00 PM
 Sample Location (e.g. deepest point in basin) Deep Spot @ 45 ft
 WBIC _____ % Cloud Cover 90%
 Observers McManama Wind Speed 10-15 mph from West Direction
Bunk

Field Measurements and Observations

Secchi Disk 1.7 (m or ft) Custer Color Strip Reading A2
 Algae Development - Not apparent _____ Site Depth 45 (m or ft)
 Slight (just visible) _____
 Moderate (quite noticeable) X pH at 1 meter _____
 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
91.3 3	7.5	26.0	755	8.3	39	0.01	15.1	820	7.3					
91.0 6	7.4	26.0	754	8.4	42	0.01	14.2	832	7.2					
91.4 9	7.5	25.9	755	8.4	45									
91.0 12	7.4	25.8	754	8.4										
88.0 15	7.2	25.8	754	8.4										
18	7.1	25.7	755	8.4										
21	3.6	25.0	763	8.2										
5.5 24	0.5	23.9	773	7.8										
0.5 27	0.05	21.8	780	7.7										
0.4 30	0.04	19.9	789	7.6										
0.2 33	0.02	18.0	806	7.4										
0.3 36	0.03	16.3	813	7.3										

Meter Type and ID Number(s) Hydrolab Surveyor

Water Samples

Depth of Intergrated Water Sample 0-6 m or ft SLH Field Number PEW1
 Amount filtered for chlorophyll _____ mLs

Comments / Observations

18 86.8
21 37.0
39 0.1
42 0.1
45

DNR BASELINE MONITORING

Lake Name Pewaukee Date 07/21/08 Time 11:10

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

WBIC _____ % Cloud Cover 80

Observers Bunk Wind Speed 10-15 mph from E Direction
McManama

Field Measurements and Observations

Secchi Disk 1.3 1.3 (m or ft) Custer Color Strip Reading A2 A1

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

Site Depth 40 40 (m or ft)
pH at 1 meter 8.7

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
101.2	3	8.31	24.89	726	8.7	39	0.10	17.68	797	7.69					
101.2	6	8.33	24.86	726	8.65	42									
100.4	9	8.26	24.77	727	8.64	45									
65.3	12	5.48	24.44	737	8.45										
62.8	15	5.23	23.92	746	8.35										
54.3	18	4.70	23.87	737	8.34										
42.5	21	3.57	23.18	741	8.22										
27.5	24	2.36	22.07	744	8.08										
24.4	27	2.12	21.79	746	8.06										
15.0	30	1.12	21.22	751	7.96										
2.9	33	0.25	20.46	762	7.88										
1.4	36	0.14	19.12	775	7.8										

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

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number PEW1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

39 1.3
Bottom @ 40A

DNR BASELINE MONITORING

Lake Name Pewaukee Date 8/26/08 Time 12:16 PM

Sample Location (e.g. deepest point in basin) Deep Spot @ 47 ft

WBIC _____ % Cloud Cover 50% Sunny

Observers McMansing Wind Speed 15 mph from E/NE Direction
Bink

Field Measurements and Observations

Secchi Disk 2.0 2.0 (m or ft) Custer Color Strip Reading A2 A2

Algae Development - Not apparent _____ Site Depth _____ (m or ft)
Slight (just visible) _____
Moderate (quite noticeable) _____ pH at 1 meter 8.58
Heavy (very green) X

Profiles *to D.O.*

Depth (ft or m)	DO (mg/L)	Temp (°C)	Cond (µS)	pH	Depth (ft or m)	DO (mg/L)	Temp (°C)	Cond (µS)	pH	Depth (ft or m)	DO (mg/L)	Temp (°C)	Cond (µS)	pH
111.5 3	9.5	23.40	739	8.58	39	0.74	16.88	837	7.47	7.7				
109.4 6	9.30	23.36	738	8.57	42	0.43	16.27	847	7.44	4.4				
106.8 9	9.08	23.32	737	8.57	45	0.22	15.93	862	7.38	2.2				
105.9 12	9.26	23.29	738	8.56										
105.6 15	9.04	23.30	738	8.55										
105.2 18	9.02	23.26	739	8.55										
102.6 21	8.75	23.25	737	8.55										
102.3 24	8.78	23.24	738	8.55										
94.0 27	8.05	23.15	740	8.47										
42.0 30	3.58	22.41	749	8.04										
21.9 33	1.92	19.26	795	7.67										
11.2 36	1.13	17.69	816	7.57										

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

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number PEW1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

N 43,06796°
W 088,32580°
± 12.1

Fresh water
Fresh air

DNR BASELINE MONITORING

Lake Name Pewaukee Date 8/18/09 Time 2:08 PM

Sample Location (e.g. deepest point in basin) Deep spot @ 46 ft

WBIC _____ % Cloud Cover 80%

Observers Payne Wind Speed 10-15 mph from NW Direction
Bank

Field Measurements and Observations

Secchi Disk 1.75 2.2 (m or ft) Custer Color Strip Reading A₂ A₁

Algae Development - Not apparent _____ Site Depth 46 ft (m or ft)
Slight (just visible) _____
Moderate (quite noticeable) _____ pH at 1 meter 8.42
Heavy (very green) _____

% Salt

% Salt

Profiles

106.1
104.0
102.9
102.4
1 3
103.0
100.6
100.8
68.2
18.2
2.1
1.3

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	8.82	24.7	759	8.42	39	0.10	16.95	795	6.86	0.9				
6	8.66	24.72	759	8.44	42	0.09	16.02	803	6.64	0.9				
9	8.54	24.73	759	8.46	4									
12	8.48	24.73	759	8.49										
15	8.49	24.73	759	8.51										
18	8.52	24.72	758	8.52										
21	8.38	24.69	759	8.53										
24	8.38	24.67	759	8.54										
27	5.25	24.19	763	8.05										
30	1.17	22.28	770	7.72										
33	0.18	20.58	774	7.56										
36	0.18	18.54	787	7.17										

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

Water Samples

Depth of Intergrated Water Sample 0-6 m or ft SLH Field Number PEW1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

46 ft
Going at angle due to current
44 ft hit bottom

DNR BASELINE MONITORING

Lake Name Pewaukee Date 9/09/09 Time 2:00 PM
 Sample Location (e.g. deepest point in basin) Deep Spot @ 45 ft
 WBIC _____ % Cloud Cover 85/10
 Observers Matthe: Bmk Wind Speed 10 mph from East Direction _____

Field Measurements and Observations

Secchi Disk 1.8, 1.95 (m or ft) Custer Color Strip Reading A2, A4
 Site Depth 45 (m or ft)
 Algae Development - Not apparent _____
 Slight (just visible) _____
 Moderate (quite noticeable) _____
 Heavy (very green) _____
 pH at 1 meter 8.35

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
<u>3</u>	<u>9.98</u>	<u>22.27</u>	<u>755</u>	<u>8.35</u>	<u>39</u>	<u>0.46</u>	<u>17.99</u>	<u>791</u>	<u>7.14</u>					
<u>6</u>	<u>9.93</u>	<u>22.17</u>	<u>756</u>	<u>8.35</u>	<u>42</u>	<u>0.26</u>	<u>17.40</u>	<u>801</u>	<u>7.00</u>					
<u>9</u>	<u>9.57</u>	<u>22.05</u>	<u>756</u>	<u>8.38</u>										
<u>12</u>	<u>9.37</u>	<u>21.87</u>	<u>756</u>	<u>8.36</u>										
<u>15</u>	<u>9.20</u>	<u>21.78</u>	<u>755</u>	<u>8.35</u>										
<u>18</u>	<u>8.92</u>	<u>21.74</u>	<u>756</u>	<u>8.35</u>										
<u>21</u>	<u>7.79</u>	<u>21.28</u>	<u>757</u>	<u>8.20</u>										
<u>24</u>	<u>7.00</u>	<u>20.41</u>	<u>760</u>	<u>8.06</u>										
<u>27</u>	<u>6.27</u>	<u>20.24</u>	<u>761</u>	<u>7.96</u>										
<u>30</u>	<u>5.61</u>	<u>20.05</u>	<u>763</u>	<u>7.82</u>										
<u>33</u>	<u>2.93</u>	<u>19.61</u>	<u>766</u>	<u>7.64</u>										
<u>36</u>	<u>1.44</u>	<u>18.74</u>	<u>778</u>	<u>7.35</u>										

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

Water Samples

Depth of Intergrated Water Sample 0-6 m or ft SLH Field Number PEW1
 Amount filtered for chlorophyll _____ mLs

Comments / Observations

No Sat

39 4.5

42 2.5

Trend Ambient *Wauke Co.*

(2)

DNR BASELINE MONITORING

Lake Name Pewaukee Lake Date 9/14/2000 Time 1:29 PM
 Sample Location (e.g., deepest point in basin) Deep spot ~ 45 ft
 WBIC 0772000 % Cloud Cover/Precip 5.10
 Observers Lauren Stankard Wind Speed 15 mph from N Direction
Heidi Bunk

Field Measurements and Observations

✓ Secchi Disk 2 (m or ft) Custer Color Strip Reading 6
 Algae Development – Not apparent _____
 Slight (just visible) _____
 Moderate (quite noticeable) _____
 Heavy (very green) _____
 ✓ pH at 1 meter 8.47

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	9.43	21.96	594	30	8.07	21.65	596				
3	9.38	21.98	595	33	8.20	21.65	596				
6	9.30	21.95	595	36	7.43	21.6	598				
9	9.24	21.89	595	39	2.64	21.09	611				
12	9.16	21.83	595	42							
15	9.17	21.77	595	45							
18	9.20	21.72	594								
21	9.01	21.67	594								
24	8.62	21.65	595								
27	8.16	21.65	596								

Meter Type and ID Number(s) _____

Water Samples

Depth of Integrated Water Sample 2 (m or ft) SLH Field Number PEW1
 Amount filtered for chlorophyll 800 mL mLs

Comments / Observations

I let the hydro lab determine the depth after 21 ft. wind & current pulled the sampler somewhat horizontal

DNR BASELINE MONITORING

Lake Name Pewaukee Date 5/11/01 Time 10:41AM
 Sample Location (e.g., deepest point in basin) Deep Spot @ 42 ft
 WBIC 772000 % Cloud Cover/Precip 100% Drizzle
 Observers Wray Wind Speed 15 mph from E Direction
Bunk

Field Measurements and Observations

Secchi Disk 2.2 (m or ft) Custer Color Strip Reading 6
 Algae Development - Not apparent _____
 Slight (just visible) _____
 Moderate (quite noticeable) _____
 Heavy (very green) _____
 Site depth 43 (m or ft)
 pH at 1 meter 8.40

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	9.65	15.79	600	43	7.05	12.96	634				
3	9.60	15.80	622								
6											
10											
15											
20											
25											
30											
35											
40	4.80	12.91	632								

Meter Type and ID Number(s) Hydrolab Surveyor 3

Water Samples

Depth of Integrated Water Sample 1 m or ft SLH Field Number PEW 1
 Amount filtered for chlorophyll 35 mLs PEW 2
800

Comments / Observations

DNR BASELINE MONITORING

Lake Name Pewaukee Lake Date 5/14/01 Time 12:21 PM
 Sample Location (e.g., deepest point in basin) Deep Spot @ 4.5 ft
 WBIC _____ % Cloud Cover/Precip 60% / Dry
 Observers King Wind Speed 10-15 mph from W Direction
Bink

Field Measurements and Observations

✓ Secchi Disk 2.6 (m or ft) Custer Color Strip Reading _____
 Algae Development – Not apparent _____ Site depth _____ (m or ft)
 Slight (just visible) _____
 Moderate (quite noticeable) X ✓ pH at 1 meter 8.16
 Heavy (very green) _____

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
1ft	9.94	17.8	680								
3ft	9.84	17.5	681								
6ft	9.77	17.1	681								
9ft	9.61	17.8	681								
12ft	9.57	17.62	681								
15ft	9.51	17.61	681								

Meter Type and ID Number(s) Data Sound

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number _____
 Amount filtered for chlorophyll _____ mLs pH at TP < 2

Comments / Observations

pH 1ft = 8.16
 pH 6ft = 8.17
 pH 9ft = 8.17
 pH 12ft = 8.17
 pH 15ft = 8.18

DNR BASELINE MONITORING

Lake Name Pewaukee Date 6/20/2001 Time 11:15 AM

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

WBIC 0772000 % Cloud Cover/Precip 10%

Observers Bunk, Zienty, Alacider Wind Speed 5-10 mph from N Direction

Field Measurements and Observations

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

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

Site depth 46.7 (m or ft)
 pH at 1 meter _____

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	9.8	21.63	620								
5	9.31	21.62	620								
10	9.32	21.29	620								
15	8.05	20.51	624								
20	7.38	19.17	628								
25	6.90	17.18	629								
30	6.90	15.77	631								
35	6.40	15.34	630								
40	3.85	14.90	635								
45	0.54	14.64	637								

Meter Type and ID Number(s) HydroLab Surveyor 2

Water Samples

Depth of Integrated Water Sample Point 0.7 m or ft SLH Field Number PEW 1

Amount filtered for chlorophyll 500 mLs PEW 2

Comments / Observations

DNR BASELINE MONITORING

Lake Name Pewaukee Date 8/14/01 Time 3:02 PM
 Sample Location (e.g., deepest point in basin) Just west of Deep Spot
 WBIC 772000 % Cloud Cover/Precip 40% / Dry
 Observers Bunk Wind Speed 15 mph from SW Direction
Van Atta

Field Measurements and Observations

✓ Secchi Disk 1.1 (m or ft) Custer Color Strip Reading 6
 Algae Development – Not apparent _____ Site depth 37 (m or ft)
 Slight (just visible) _____
 Moderate (quite noticeable) _____
 Heavy (very green) X ✓ pH at 1 meter 7.86

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	8.25	27.17	603	30	0.18	16.06	646				
3	8.33	27.14	604	33	0.17	15.39	650				
6	8.40	26.78	602	36	0.16	15.05	653				
9	8.27	26.38	602	bottom							
12	8.16	26.27	601								
15	7.88	26.18	603								
18	7.36	26.03	604								
21	2.55	24.66	616								
24	0.29	22.45	624								
27	0.18	18.22	640								

Meter Type and ID Number(s) Hydrolab S-meyer 3

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number PEW1 0-6 ft
PEW2 3 ft down
 Amount filtered for chlorophyll 500 mLs

Comments / Observations

Boat engine not working

1 Street 683143

DNR BASELINE MONITORING

Lake Name Pewaukee Date 10/01/01 Time 12:15 PM

Sample Location (e.g., deepest point in basin) Loop spot @ 45 ft

WBIC 772000 % Cloud Cover/Precip 80% Dry @ 12:15

Observers Bunk Wind Speed 10 mph from SW Direction

Kline

100% Dry @ 12:50 PM

Field Measurements and Observations

Secchi Disk 2.1 (m or ft) Custer Color Strip Reading 2

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

Site depth 47 (m or ft)

pH at 1 meter 8.13

pH @ 4.37A 8.05

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	7.98	16.72	608	30	6.53	16.20	608				
3	7.84	16.69	606	33	6.15	16.13	608				
6	7.75	16.64	608	36	6.06	16.02	608				
9	7.56	16.56	608	39	6.40	15.72	605				
12	7.56	16.52	608	42	3.83	15.43	614				
15	7.38	16.49	608	45	0.74	15.23	631				
18	7.31	16.46	608								
21	7.25	16.32	608								
24	6.83	16.23	608								
27	6.73	16.21	608								

Meter Type and ID Number(s) HydroLab Surveyor 3

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number PEW1

Amount filtered for chlorophyll 800 mLs PEW2

Comments / Observations

2 = 40 ft. vandorn

DNR BASELINE MONITORING

Lake Name Pewaukee Date 7/31/02 Time 1:19 PM

Sample Location (e.g., deepest point in basin) Deep spot @ 50 ft

WBIC 772000 % Cloud Cover/Precip 60% / Dry

Observers Stephanie Manning Wind Speed 10 mph from SW Direction
Hewi Bank

Field Measurements and Observations

✓ Secchi Disk 2.4 (m or ft) Custer Color Strip Reading _____
Algae Development – Not apparent _____ Site depth 50 (m or ft)
Slight (just visible) _____
Moderate (quite noticeable) _____ ✓ pH at 1 meter 9.3
Heavy (very green) _____

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	7.85	26.39	623	45	0.12	12.80	680				
3	7.86	26.32	624	50							
5	7.89	26.29	623								
10	7.90	26.15	623								
15	7.90	25.60	624								
20	6.67	25.16	625								
25	0.20	21.99	644								
30	0.16	17.14	660								
35	0.14	14.64	665								
40	0.13	13.44	671								

Meter Type and ID Number(s) Hydrolab Surveyor 3

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number PEW 1
Amount filtered for chlorophyll 800 mLs

Comments / Observations

*Veliser sample: 2 @ m tows
Tested both samples for pH*

DNR BASELINE MONITORING

Lake Name Pewaukee Date 4/22/03 Time 2:34 PM

Sample Location (e.g., deepest point in basin) Deep spot @ 42 ft

WBIC _____ % Cloud Cover/Precip 0-10 Clear sunny

Observers Heidi Bunk Wind Speed 10-15 mph from N-NW Direction
Brauke Robinson 50°F

Field Measurements and Observations

Secchi Disk 1.3 (m or ft) Custer Color Strip Reading 3

Algae Development - Not apparent _____ Site depth 44 (m or ft)
 Slight (just visible) _____
 Moderate (quite noticeable) _____
 Heavy (very green) pH at 1 meter 8.29

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	10.81	9.0	647	33	10.84	8.58	645				
6	10.86	8.92	646	36	10.83	8.40	645				
9	10.87	8.86	645	39	10.75	8.20	645				
12	10.86	8.85	645	42	10.75	8.12	644				
15	10.87	8.76	646								
18	10.87	8.70	645								
21	10.86	8.67	645								
24	10.87	8.65	645								
27	10.86	8.64	645								
30	10.86	8.63	644								

Meter Type and ID Number(s) HydroLab Surveyor 3

Water Samples

Depth of Integrated Water Sample 1 m or ft SLH Field Number PEW1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

Plankton Net: 1.2 m tow in deep spot

N 43° 03.946'

W 088° 20.003'

accuracy 15.3 ft

DNR BASELINE MONITORING

Lake Name Pewaukee Date 7/24/03 Time 12:49PM

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

WBIC _____ % Cloud Cover/Precip 70% / Dry

Observers Heidi Bink Wind Speed 5-10 mph from W Direction
Brooke Robison

Field Measurements and Observations

✓ Secchi Disk 3.9 (m or ft) Custer Color Strip Reading 6
 Algae Development – Not apparent _____ Site depth 50 (m or ft)
 Slight (just visible) _____
 Moderate (quite noticeable) _____
 Heavy (very green) X ✓ pH at 1 meter 8.37

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	10.67	24.50	646	30	.23	20.74	665				
3	9.80	23.92	647	33	.14	18.46	674				
6	9.61	23.80	648	36	.11	14.73	686				
9	8.44	23.41	650	39	.10	14.14	685				
12	8.19	23.33	650	42	.10	13.78	688				
15	8.17	23.32	650	45	.09	13.58	688				
18	8.08	23.29	650	48							
21	8.17	23.26	650	51							
24	7.32	23.12	651	54							
27	.64	21.63	662	57							

Meter Type and ID Number(s) Hydrolab Surveyor 3

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number PEW1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

Windows of green algae observed at shore
 N43°03.954' Accuracy 9.2ft
 W088°19.801'

DNR BASELINE MONITORING

Lake Name Pewaukee Date 8/18/03 Time 2:55PM
 Sample Location (e.g., deepest point in basin) Deep Spot @ 45ft
 WBIC _____ % Cloud Cover/Precip 20% / Dry / Sunny
 Observers Bink Wind Speed 5 mph from SE Direction
Garbisch

Field Measurements and Observations

Secchi Disk 2.0 (m or ft) Custer Color Strip Reading 6
 Algae Development – Not apparent _____ Site depth 45 (m or ft)
 Slight (just visible) _____
 Moderate (quite noticeable) _____
 Heavy (very green) pH at 1 meter 8.11

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	10.14	26.93	648								
3	10.08	26.87	648								
6	10.24	26.62	647								

Meter Type and ID Number(s) Hydrolab Surveyor 3

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number PEW1
 Amount filtered for chlorophyll _____ mLs

Comments / Observations

N 43° 04.217'
 W 088° 19.211'

DNR BASELINE MONITORING

Lake Name Pewaukee Date 10 / 06 / 03 Time 1:25 PM
 Sample Location (e.g., deepest point in basin) Deep spot @ 45 ft
 WBIC _____ % Cloud Cover/Precip 0% / Dry / Sunny
 Observers Chip Krohn Wind Speed 5-10 mph from SE Direction
Heidi Bunk

Field Measurements and Observations

Secchi Disk 3.05 (m or ft) Custer Color Strip Reading 6
 Algae Development – Not apparent _____ Site depth 45 (m or ft)
 Slight (just visible) _____
 Moderate (quite noticeable) _____
 Heavy (very green) X pH at 1 meter 8.29
Bottom @ 46 ft

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	8.77	13.89	665	33	8.09	13.08	664				
6	8.85	13.32	664	36	8.11	13.08	664				
9	8.69	13.23	664	39	8.07	12.99	665				
12	8.69	13.15	664	42	8.03	12.86	665				
15	8.28	13.11	664	45	7.85	12.62	667				
18	8.21	13.10	664								
21	8.18	13.10	664								
24	8.15	13.10	664								
27	8.11	13.09	665								
30	8.07	13.08	664								

Meter Type and ID Number(s) Hydrolab Surveyor 3

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number PEW1
 Amount filtered for chlorophyll _____ mLs

Comments / Observations

N 43° 04.137' accuracy 17.4 ft
 W 088° 19.497' elevation 872.1
 3D Differential

DNR BASELINE MONITORING

Lake Name Pewaukee Date 4/06/04 Time 3:37 PM
 Sample Location (e.g., deepest point in basin) Deep Spd @ 48ft
 WBIC _____ % Cloud Cover/Precip 50% / Dry
 Observers Powers Wind Speed 10 mph from West Direction
Bank

Field Measurements and Observations

✓ Secchi Disk 1.5 (m or ft) Custer Color Strip Reading _____
 Algae Development – Not apparent _____ Site depth 47 (m or ft)
 Slight (just visible) X
 Moderate (quite noticeable) _____ pH at 1 meter _____
 Heavy (very green) _____

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	11.67	7.67	678	33	11.47	7.00	677				
6	11.70	7.61	677	36	11.34	6.99	676				
9	11.68	7.60	675	39	11.28	6.97	677				
12	11.74	7.50	675	42	11.27	6.98	677				
15	11.74	7.45	678	45	11.23	6.97	676				
18	11.75	7.37	676								
21	11.76	7.34	675								
24	11.71	7.25	676								
27	11.71	7.17	676								
30	11.58	7.07	676								

Meter Type and ID Number(s) HydroLab Surveyor 3

Water Samples

Depth of Integrated Water Sample 1 m or ft SLH Field Number PEW1
 Amount filtered for chlorophyll _____ mLs

Comments / Observations

N 43° 04' 107' Elevation 852.0
 W 088° 19' 622' above 18.9 ft

DNR BASELINE MONITORING

Lake Name Pewaukee Lake Date 6/15/04 Time 10:47 AM

Sample Location (e.g., deepest point in basin) Deep Spot @ 45 ft

WBIC _____ % Cloud Cover/Precip 50% Dry Sunny

Observers Heidi Bunk Wind Speed 0 mph from _____ Direction
Sheila Henneser

Field Measurements and Observations

✓ Secchi Disk 3.6 m (m or ft) Custer Color Strip Reading 6

Algae Development – Not apparent _____ Site depth 45 (m or ft)
 Slight (just visible) _____
 Moderate (quite noticeable) _____ pH at 1 meter _____
 Heavy (very green) X

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		71.6									
5		70.1									
10		69.6									
15		69.2									
20		68.0									
25		65.4									
30		60.6									
35		59.7									
40		58.2									
45		57.0									

Meter Type and ID Number(s) Hydrolab not charged

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number PEW1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

Elevation 839
 accur 20.9 ft
 3D

| 1 m tow farm

N43° 04.213'
 W088° 19.302'

DNR BASELINE MONITORING

Lake Name Pewaukee Date 8/10/04 Time 1:09 PM
 Sample Location (e.g., deepest point in basin) Deep Spot @ 45 ft
 WBIC _____ % Cloud Cover/Precip 70% Dry, Part Sunny
 Observers Powers Wind Speed 15-20 mph from W Direction _____
Bunk 1 ft waves

Field Measurements and Observations

Secchi Disk 1.7 (m or ft) Custer Color Strip Reading 2
 Algae Development - Not apparent _____ Site depth 45 (m or ft)
 Slight (just visible) _____
 Moderate (quite noticeable) pH at 1 meter 8.22
 Heavy (very green) _____

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	7.91	22.66	678	33	0.72	18.85	694				
6	7.95	22.65	679	36	0.57	16.58	700				
9	7.99	22.64	676	39	0.48	15.05	712				
12	8.04	22.65	676	42	0.45	14.70	715				
15	8.06	22.65	676	45	0.40	14.19	720				
18	8.07	22.64	677								
21	8.08	22.62	676								
24	8.09	22.61	676								
27	8.09	22.59	677								
30	8.00	22.56	676								

Meter Type and ID Number(s) HydroLab Surveyor 3

Water Samples

Depth of Integrated Water Sample _____ m or ft SLH Field Number PEW1
 Amount filtered for chlorophyll _____ mLs

Comments / Observations

rope hit bottom at 50 ft
 N 43° 04, 127'
 W 088° 19, 273'
 Elevation 844.4 ft
 accur 31.5 ft
 20/30 D.F. keeps changing
 HydroLab probably crooked
 Very windy

DNR BASELINE MONITORING

Lake Name Pewaukee Date 10/05/04 Time 2:00 PM

Sample Location (e.g., deepest point in basin) Deep Spot @ 47ft

WBIC _____ % Cloud Cover/Precip 50% Clear/Sunny

Observers Robinson Wind Speed 10-15 mph from E-NE Direction
Bunk

Field Measurements and Observations

Secchi Disk 2.2 (m or ft) Custer Color Strip Reading 7

Algae Development - Not apparent _____ Site depth 45 (m or ft)

Slight (just visible) _____

Moderate (quite noticeable) _____

Heavy (very green) _____

pH at 1 meter 7.92

42 ft 8.20

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	7.70	16.50	684	33	7.75	16.21	685				
6	7.62	16.51	684	36	7.80	16.13	686				
9	7.65	16.51	684	39	7.67	16.07	686				
12	7.65	16.44	685	42	7.60	16.01	686				
15	7.64	16.42	685	45	7.83	16.64	684				
18	7.62	16.40	685								
21	7.62	16.35	685								
24	7.64	16.33	685								
27	7.70	16.30	685								
30	7.70	16.27	685								

Meter Type and ID Number(s) Hydrolab Surveyor 3

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number PEW1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

N 43° 04' 10" 3 D Diff.
W 086° 19' 54"
Elevation 851.6 ft
a.c.w. 13.0 ft.

DNR BASELINE MONITORING

Lake Name Pewaukee Date 4/15/05 Time 1415

Sample Location (e.g., deepest point in basin) Deep Spot @ 45 ft

WBIC _____ % Cloud Cover/Precip 10% cover

Observers Campfield Wind Speed 5 mph from SE Direction
Bank

Field Measurements and Observations

Secchi Disk 2.75 (m or ft) Custer Color Strip Reading 3

Algae Development – Not apparent _____ Site depth 47 (m or ft)
Slight (just visible) _____
Moderate (quite noticeable) _____ pH at 1 meter 7.56
Heavy (very green)

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	7.44	11.4	733	7.56							
6	7.31	10.3	731	7.55							

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

Water Samples

Depth of Integrated Water Sample 1 m or ft SLH Field Number PEWK1
Amount filtered for chlorophyll — mLs

Comments / Observations

N 43° 04.212'
W 088° 19.324'
elevation 847.9

XX

DNR BASELINE MONITORING

Lake Name Pewaukee Date 6/13/05 Time 11:30 AM

Sample Location (e.g., deepest point in basin) Deep Sect @ 45ft

WBIC _____ % Cloud Cover/Precip 70% / Dcg/Hgt

Observers Franson Wind Speed 5 mph from N Direction
Bunk

Field Measurements and Observations

Secchi Disk 1.3 (m or ft) Custer Color Strip Reading 2

Algae Development - Not apparent _____
Slight (just visible) _____
Moderate (quite noticeable) _____
Heavy (very green) X
Site depth 46 (m or ft)
pH at 1 meter 7.63

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	6.97	25.71	736	33	1.67	13.45	756				
6	6.23	25.43	736	36	0.77	13.08	756				
9	6.23	25.33	736	39	0.15	12.52	758				
12	5.72	23.18	741	42	0.07	12.45	758				
15	5.57	21.79	740	45	0.02	12.45	759				
18	5.03	20.51	747								
21	4.19	19.64	749								
24	3.91	17.13	751								
27	3.34	15.45	752								
30	3.26	14.37	751								

Meter Type and ID Number(s) Datasaver 4a & Surveyor 4a

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number PEW1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

N 43° 04.131' Elevation Accuracy
W 088° 19.523 843.7' 26.6'
meet with Sammy after readings

DNR BASELINE MONITORING

Lake Name Pewaukee Date 7/12/05 Time 11:00 AM

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

WBIC _____ % Cloud Cover/Precip 100% rain J.D.

Observers Burk Wind Speed 0-5 mph from _____ Direction _____ McB
McBroom

Field Measurements and Observations

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

Algae Development – Not apparent _____ Site depth 42 (m or ft)
 Slight (just visible) _____
 Moderate (quite noticeable)
 Heavy (very green) _____

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	5.49	25.88	746	33	.11	13.87	766				
6	5.43	25.89	746	36	.04	13.66	768				
9	5.47	25.88	746	39	.04	13.26	770				
12	5.3	25.38	745	42	.2	12.84	779				
15	5.02	24.27	745								
18	4.67	23.51	750								
21	3.19	23.1	750								
24	1.63	21.1	757								
27	.18	17.41	772								
30	.18	15.04	764								

Meter Type and ID Number(s) _____

Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number PEW1

Amount filtered for chlorophyll _____ mLs

Comments / Observations

XX

DNR BASELINE MONITORING

Lake Name Pewaukee Date 09/30/05 Time 1:43 PM

Sample Location (e.g., deepest point in basin) Deep Spot @ 45ft

WBIC _____ % Cloud Cover/Precip 0% / Dry

Observers Hemmingsen Wind Speed 20-25 mph from West Direction
Bunk

Field Measurements and Observations

Secchi Disk 3.1 (m or ft) Custer Color Strip Reading 2

Algae Development – Not apparent _____
Slight (just visible) _____
Moderate (quite noticeable) X
Heavy (very green) _____
Site depth 45 (m or ft)
pH at 1 meter 8.15

Profiles

pH

pH
8.15
8.6
8.16
8.17
8.17
8.18
8.17
8.18
8.18
8.18

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	5.17	18.90	746	33	5.19	18.79	745	8.18			
6	5.04	18.89	746	36	5.24	18.54	745	8.20			
9	5.02	18.88	747	39	1.58	14.74	807	7.20			
12	5.01	18.88	747	42	0.73	13.09	834	7.04			
15	5.05	18.86	747								
18	5.08	18.85	746								
21	5.08	18.85	747								
24	5.11	18.86	746								
27	5.13	18.83	747								
30	5.17	18.81	747								

Meter Type and ID Number(s) Hydralab Sur

Water Samples

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

Amount filtered for chlorophyll _____ mLs

Comments / Observations

Date		4-7-99	
Lake	Powaukeo	Time	9:40
County	Waukesha	Lake Acreage	
Storet Number	-----	Maximum Depth	45'
Water Body Number	-----	Air Temperature	
Station Location	Deep Hole		

Light Penetration Station	Secchi Disc Depth in Meters
	2.5

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

Unit ft./m	Depth	D.O.	Temp.	pH	Conductivity	TDS	Depth	D.O.	Temp.	pH
	0	11.86	8.27	8.16	550	0.3				
	5	11.53	8.37	8.16	542	0.3				
	10	11.48	8.25	8.16	550	0.3				
	15	11.39	8.23	8.17	550	0.3				
	20	11.35	8.22	8.17	542	0.3				
	25	11.36	8.20	8.17	542	0.3				
	30	11.36	8.18	8.17	550	0.3				
	35	11.31	8.17	8.17	542	0.3				
	40	11.28	8.17	8.17	550	0.3				
Sample at lake	43	11.29	8.17	8.17	550	0.3				

Wind Speed and Direction	SW 20 mph	Cloud Cover	15%
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By T. Vance

Pewaukee Lake
7-21-98

TEMP	pH	SpCOND	TDS	DO	DEPTH
26.48	8.36	594	0.38	7.21	1
26.49	8.36	594	0.38	7.18	5
26.47	8.36	594	0.38	7.18	10
26.46	8.36	595	0.38	7.16	15
26.42	8.35	595	0.381	7.07	20
24.97	8.09	601	0.384	3.23	25
18.82	7.81	619	0.396	0.14	30
15.75	7.78	624	0.399	0.16	35
14.62	7.63	632	0.405	0.13	40
13.32	7.48	643	0.411	0.12	45

Date	6-22-98
Lake	Pewaukee
Time	1000
County	
Storet Number	
Water Body Number	
Lake Acreage	
Maximum Depth	
Air Temperature	

Station Location

Light Penetration Station	Secchi Disc Depth in Meters
	1.8m

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

Unit ft./m	Depth	D.O.	Temp.	pH	COND	TURB	Depth	D.O.	Temp.	pH
	0	8.1	24.0	8.6	602	.385				
	5									
	10	8.1	23.4	8.6	602	.385				
	15	7.8	23.0	8.6	603	.386				
	20	5.3	20.4	8.3	607	.389				
*	25	5.1	20.1	8.3	608	.389				
	30	3.8	18.2	8.2	608	.389				
	35	0.9	16.5	7.3	609	.390				
	40	0.1	13.7	7.7	624	.400				
	45	0.1	12.0	7.6	627	.402				

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

Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Date		3/30/98
Lake	PEW	
County	Lake Acreage	
Storet Number	Maximum Depth	
Water Body Number	Air Temperature	

Station Location

Light Penetration Station	Secchi Disc Depth in Meters
	1.6

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

Unit	Depth	D.O.	Temp.	pH	COND	TDS	Depth	D.O.	Temp.	pH
ft./m	0	13.0	7.2	8.0	599	383				
	5	12.9	7.0	8.0	599	383				
	10	12.8	6.8	8.0	599	384				
	15	12.7	6.7	8.0	597	382				
	20	12.8	6.5	8.0	599	383				
	25	12.8	6.5	8.0	600	384				
	30	12.8	6.4	7.9	597	382				
	35	12.9	6.4	7.9	599	383				
	40	12.9	6.3	7.9	599	383				
	45	12.9	6.2	7.9	598	383				

Wind Speed and Direction	Cloud Cover
SW 5-12	100%

Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Pewaukee Lake
3/30/98

TEMP.	pH	SpCond	TDS	DO	Depth
7.18	7.99	599	0.383	12.97	1
6.96	8.01	599	0.383	12.88	5
6.81	8	599	0.384	12.79	10
6.72	8	597	0.382	12.73	15
6.49	7.97	599	0.383	12.83	20
6.42	7.97	598	0.383	12.74	25
6.43	7.95	597	0.382	12.84	30
6.36	7.93	599	0.383	12.88	35
6.31	7.92	599	0.383	12.86	40
6.18	7.91	598	0.383	12.89	45

Date		9/9/97	
Lake	Lake Bess Pewaukee	Time	
County		Lake Acreage	
Storet Number	-----	Maximum Depth	
Water Body Number	-----	Air Temperature	

Station Location

Light Penetration Station	Secchi Disc Depth in Meters
	2.5

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	7.9	20.7	8.1	612	391				
	5	7.6	20.6	8.1	612	392				
	10	7.4	20.5	8.1	613	392				
	15	7.2	20.4	8.1	613	392				
	20	7.0	20.4	8.0	613	392				
	25	6.8	20.4	8.0	614	393				
	30	4.0	20.1	7.8	619	396				
X	35	2.6	19.8	7.7	621	398				
	40	0.2	18.6	7.3	650	416				
	45	0.1	15.0	6.9	725	464				

Wind Speed and Direction	Cloud Cover
	100%

Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Date	7-31-97
Lake	Pewaukee
Time	11:40
County	
Storet Number	
Water Body Number	
Maximum Depth	
Air Temperature	

Station Location

Light Penetration Station	Secchi Disc Depth in Meters
	1.5 m

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

Unit	Depth	D.O.	Temp.	pH	COND	Depth	D.O.	Temp.	pH
ft./m	0	8.6	25.8	8.4	631				
	5	8.6	24.7	8.4	630				
	10	8.3	24.6	8.4	630				
	15	8.1	24.4	8.4	630				
	20	7.1	24.1	8.3	635				
	25	1.3	23.0	7.8	642				
*	30	0.1	21.2	7.7	650				
	35	0.1	17.6	7.5	677				
	40	0.1	15.9	7.4	693				
	45	0.1	15.2	7.4	700				

Wind Speed and Direction	0-5 mph	Cloud Cover	0%
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Date	7/7/97
Lake	Pewaukee
Time	0915
County	
Storet Number	
Water Body Number	
Lake Acreage	
Maximum Depth	
Air Temperature	

Station Location

Light Penetration Station	Secchi Disc Depth in Meters
	2.1 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	8.1	22.4	8.3	631	.404				
	5	8.1	22.3	8.3	631	.404				
	10	8.0	22.1	8.3	632	.404				
	15	7.6	22.0	8.2	633	.405				
	20	7.5	21.9	8.2	634	.406				
	25	7.3	21.8	8.2	635	.406				
	30	2.6	19.8	7.8	657	.421				
*	35	0.3	17.5	7.6	673	.431				
	40	0.1	14.9	7.4	684	.438				
	45	0.1	14.2	7.3	689	.441				

Wind Speed and Direction	ESE 3-7 mph	Cloud Cover	0%
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Macrophyte Sampling Information

Additional Comments or Remarks

- SIGNIFICANT RAIN DURING LAST 2 WKS OF JULY w/ STRONG WINDS

- PEWAUKEE - SLOW UP WORKS DUE TO HIGH H₂O FROM 6/25-7/3

Prepared By

Date 4/29/97

Lake Pewaukee Time 11:00

County Waukesha Lake Acreage _____

Storet Number _____ Maximum Depth _____

Water Body Number _____ Air Temperature 60°F (17°C)

Station Location Deep hole

Light Penetration Station _____ Secchi Disc Depth in Meters 3.6 m

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

Unit ft./m	①					②				
	Depth	D.O.	Temp.	pH	TDS	Depth	D.O.	Temp.	pH	TDS
	0	11.30	8.72	8.38	0.415	0	11.24	8.69	8.36	0.414
	5	12.07	8.61	8.35	0.414	5	11.30	8.90	8.32	0.414
	10	11.41	8.51	8.36	0.414	10				0.414
	15	11.30	8.46	8.35	0.415	15				0.414
	20	11.25	8.44	8.35	0.415	20				0.415
	25	11.14	8.38	8.35	0.415	25				0.415
	30	11.22	8.40	8.35	0.415	30				0.415
	35	11.11	8.33	8.34	0.415	35				0.415
	40	11.00	8.30	8.34	0.415	40				0.415
	45	11.04	8.22	8.35	0.419	45				0.419

② TDS / Conduct. 0.414 / 648

Wind Speed and Direction 10-20 W Cloud Cover 50%

Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By T. Crane / S. Toshner

	Date 3/5/97
Lake Pewaukee	Time 1400
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature

Station Location

Light Penetration Station	Secchi Disc Depth in Meters 6.5 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	11.9	1.5	7.9	522	335				
	5	11.7	3.3	7.9	580	369				
	10	11.5	3.3	7.9	615	395				
	15	10.5	3.1	7.8	623	400				
*	20	10.4	3.2	7.7	630	403				
	25	9.5	3.2	7.7	637	408				
	30	8.5	3.3	7.6	641	411				
	35	7.6	3.4	7.5	651	416				
	40	4.8	3.6	7.3	680	433				
	45	0.7	4.0	7.1	775	501				

Wind Speed and Direction	Cloud Cover 100%
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Date	9-5-96
Lake Pewaukee	Time 1330
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature

Station Location

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

Unit ft./m	Depth	D.O.	Temp.	pH	C	TDC	Depth	D.O.	Temp.	pH
	0	9.0	25.7	8.4	619	.396				
	5	8.9	25.6	8.4	618	.396				
	10	9.2	25.1	8.1	618	.395				
	15	7.2	24.2	7.8	620	.397				
	20	6.9	23.8	7.9	621	.398				
	25	2.2	22.7	7.5	631	.404				
*	30	0.1	20.2	7.3	653	.419				
	35	0.1	16.2	7.2	476	.482				
	40	0.1	14.3	7.3	696	.445				
	45	0.1	13.6	7.2	711	.455				

Wind Speed and Direction	Cloud Cover 5%
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

	Date 6/25/96
Lake Pewaukee LK	Time 0900
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature

Station Location

Light Penetration Station	Secchi Disc Depth in Meters 5.6m
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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	7.62	21.0	8.0	557	.356				
	5	7.63	20.9	8.0	556	.356				
	10	7.5	20.8	8.0	557	.357				
	15	7.4	20.8	8.0	557	.357				
	20	6.5	19.9	7.9	561	.359				
*	25	6.3	16.8	7.8	566	.363				
	30	5.7	16.0	7.8	566	.362				
	35	3.5	15.1	7.6	577	.366				
	40	0.35	14.2	7.5	578	.370				
	45	0.08	13.6	7.4	583	.373				

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

Additional Comments or Remarks

Prepared By

Date	4-17-96
Lake Pewaukee	Time 1000
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature

Station Location

Light Penetration Station	Secchi Disc Depth in Meters 3.0
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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
	1	12.4	6.1	8.1	549	.351				
	5	12.4	6.0	8.2	"	"				
	10	12.3	6.0	8.2	"	"				
	15	12.3	6.0	8.2	"	"				
	20	12.3	6.0	8.2	"	"				
	25	12.2	6.0	8.2	"	"				
	30	12.2	5.9	8.2	"	"				
	35	12.2	5.9	8.2	"	.352				
	40	12.1	5.9	8.2	"	.352				
	45	12.1	5.9	8.2	"	.352				

Wind Speed and Direction SW 5-15	Cloud Cover 0%
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Pewaukee Lake, Waukesha Co.
Sample Date: 2/21/96

Secchi Depth 6.6 m

	Temp.	pH	SpCond	TDS	DO	Depth
125020	3.17	8.3	0.562	0.36	13.38	2
125144	3.6	8.31	0.566	0.363	13.26	5
125300	3.62	8.31	0.569	0.364	13.23	10
125454	3.56	8.25	0.571	0.365	12.7	15
125646	3.62	8.19	0.576	0.369	12.17	20 *
125738	3.51	8.15	0.581	0.372	12.12	25
125955	3.73	8.09	0.593	0.38	11.43	30
130602	3.84	7.9	0.611	0.391	7.02	35
131059	3.79	7.59	0.668	0.427	3.12	40
131223	3.92	7.46	0.709	0.454	0.67	45

Date		7-26-95		
Lake	Pewaukee LK		Time	1000
County			Lake Acreage	
Storet Number	-----		Maximum Depth	
Water Body Number	-----		Air Temperature	

Station Location

Light Penetration Station	Secchi Disc Depth in Meters
	1.8 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	8.2	26.0	8.2	574	.367				
	5	8.2	25.9	8.3	574	.367				
	10	8.1	25.9	8.3	574	.367				
	15	8.0	25.8	8.3	574	.367				
	20	7.5	25.5	8.3	575	.368				
*	25	0.0	21.5	7.7	595	.381				
	30	0.0	18.6	7.6	596	.382				
	35	0.0	15.4	7.5	602	.385				
	40	0.0	14.0	7.4	612	.392				
	45	0.0	13.6	7.3	618	.396				

Wind Speed and Direction	Cloud Cover
ESE 5-15 mph	90%

Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Date	9/5/95
Lake	Pewaukee Lk
Time	12:00
County	
Storet Number	
Water Body Number	
Lake Acreage	
Maximum Depth	43
Air Temperature	

Station Location

Light Penetration Station	Secchi Disc Depth in Meters
	1.9 M

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

Unit ft./m	Depth	D.O.	Temp.	pH	Concl	TDS	Depth	D.O.	Temp.	pH
	0	7.4	22.9	7.5	610	.390				
	5	7.2	22.9	7.2	610	.390				
	10	7.5	22.9	7.3	610	.390				
	15	7.3	22.9	7.3	610	.391				
	20	7.2	22.9	7.7	610	.391				
*	25	2.8	18.4	7.3	619	.396				
	30	.9	16.4	7.1	619	.396				
	35	1.2	14.7	7.1	620	.398				
	40	.1	14.	7.6	629	.403				
	45									

Wind Speed and Direction	Cloud Cover
	100%

Macrophyte Sampling Information

Additional Comments or Remarks

DO stir mechanism not operating

Prepared By C. Schaal B. Wakeman

	Date 3-29-95
Lake Pewaukee LK	Time 10:00
County	Lake Acreage
Storet Number	Maximum Depth 45'
Water Body Number	Air Temperature 40° F
Station Location	
Light Penetration Station	
Secchi Disc Depth in Meters 2.1 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	12.1	4.8	8.25	.626	.401				
	5	12.0	4.8	8.24	.626	.401				
	10	12.0	4.8	8.25	.626	.401				
	15	12.0	4.8	8.25	.627	.401				
	20	11.9	4.7	8.26	.626	.401				
	25	11.9	4.7	8.26	.626	.401				
	30	11.9	4.7	8.26	.626	.401				
	35	11.9	4.7	8.26	.626	.401				
	40	11.9	4.7	8.26	.626	.401				
	45	11.9	4.7	8.26	.626	.401				

Wind Speed and Direction NNE 5-10	Cloud Cover 100%
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By _____

Date	2-22-95
Lake	Pewaukee
Time	1030
County	
Storet Number	
Water Body Number	
Lake Acreage	
Maximum Depth	
Air Temperature	

Station Location

Light Penetration Station	Secchi Disc Depth in Meters	3.5M
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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								
	5								
	10	11.7	2.9	8.3	.653.418				
	15	11.7	2.9	8.3	.650.419				
	20	11.6	2.9	8.3	.650.421				
	25	11.6	2.9	8.3	.655.420				
	30	10.5	3.0	8.2	.659.422				
	35	10.2	3.1	8.2	.662.424				
	40	7.6	3.5	8.0	.680.434				
	45	5.2	3.7	7.8	.685.438				

Wind Speed and Direction	7.5	Cloud Cover	10% HAZE
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Date	4-19-94
Lake	Pewaukee LK
Time	0945
County	WAUK. Co.
Storet Number	_____
Water Body Number	_____
Maximum Depth	_____
Air Temperature	65°

Station Location

Light Penetration Station	Secchi Disc Depth in Meters
	2.1 m

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

Unit ft./m	Depth	D.O.	Temp.	pH
	0	11.5	8.7	9.9
	5	11.6	8.5	9.7
	10	11.6	8.3	9.5
	15	11.3	8.1	9.3
	20	11.3	8.1	9.3
	25	11.2	8.1	9.3
	30	11.2	8.1	9.3
	35	11.2	8.0	9.2
	40	11.1	8.0	9.2
	45	10.8	8.0	9.2

Depth	D.O.	Temp.	pH

Wind Speed and Direction	15-25 NW 10-15 MPH	Cloud Cover	0%
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Date 2-22-94	
Lake PEWAUKEE LAKE	Time 1300
County WAUKESHA Co.	Lake Acreage 2,493
Storet Number 6 8 3 1 4 3	Maximum Depth 45 Ft.
Water Body Number 0 7 7 2 0 0 0	Air Temperature
Station Location Maximum depth	

Light Penetration Station	Secchi Disc Depth in Meters
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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	11.5	0.3	8.2	319				
	5	11.4	2.0						
	10	11.0	2.4						
	15	9.5	2.7						
	20	9.0	3.0						
	25	8.9	3.1						
	30	8.4	3.2						
* 35-40	40	5.3	3.2	8.0	386				
40-45	45	2.7	3.6						
	45	1.6	4.0	8.0	374				

Wind Speed and Direction NENE 14-20 MPH	Cloud Cover 100%
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Macrophyte Sampling Information

Additional Comments or Remarks

GPS

LORAN 43 03.94

88 19.69

Prepared By

WIND SW 10-20 mph
10:30 0% cloud
8-23-93

Pezomys LR

Z	DO	T °C	pH	COND	Secchi ^m
0	8.5	23.9	8.47	570	1.1 m
5	8.6	23.9			
10	8.3	23.8			
15	8.1	23.8			
⊗ 20	3.5	22.7	8.43	576	
25	2.8	21.7			
30	0.4	21.1			
35	0.2	20.0			
40	0.2	⊗ 16.9			
45	0.2	15.3	7.60	673	
⊗ DOUBLE CHECKED TEMP DROP! CONFIRMED					

ACTUAL
THERMOCLINE

10°

5-6-93
5-7-93 MERZ-WAYNE

STATION	DEPTH	TR.	TEMP	SECCHI (cm)	pH	TURB	COND.
045 AM	Surface	11.1	15	4.25	8.2	Surf 7	618
	5	11.4	14		7.4	Bot →	624
	10	12.0	12.0				
	15	10.5	12.0				
	20	10.0	11.8				
	25	9.5	11.6				
	30	9.0	11.4				
	35	8.5	11.3				
	40	9.5	11.0				
	45	7.5	9.2				
	46.5	7.2	7.8				

Date 2-17-93	
Lake PEWAUKEE LAKE	Time 9:30
County WAUKESHA Co.	Lake Acreage 2,493
Storet Number 6 8 3 1 4 3	Maximum Depth 45 Ft.
Water Body Number 0 7 7 2 0 0 0	Air Temperature 5°
Station Location Maximum depth	

Light Penetration Station	Secchi Disc Depth in Meters 3
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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	12.4	2.5	8.3	384				
	5	12.5	2.5						
	10	12.4	2.8						
*	15	11.2	2.7	8.3	377				
	20	10.6	2.8						
	25	10.3	2.8						
	30	9.3	2.8						
	35	7.4	2.9						
	40	5.0	3.0						
	45	1.6	3.2	7.9	441				

Wind Speed and Direction 290° 15 G 22	Cloud Cover CLEAR
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Macrophyte Sampling Information
Ice 14" Snow ≥ 1" 100% COVER

Additional Comments or Remarks
D.O PROFILE UNRELIABLE - BAD MEMBRANE

Prepared By
WAKEMAN

Date		9-21-92	
Lake	PEWAUKEE LAKE	Time	12:30
County	WAUKESHA Co.	Lake Acreage	2,493
Storet Number	6 8 3 1 4 3	Maximum Depth	45 Ft.
Water Body Number	0 7 7 2 0 0 0	Air Temperature	
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		Depth	D.O.	Temp.	pH
	0	6.1	14.9	8.3	590		9	20.4	
	5	5.1	14.0				8	19.5	
	10	5	14.0				8	19.5	
	15	5.0	14.0				7.9	19.5	
	20	5.0	13.9				7.9	19.4	
	25	5.0	13.9				7.9	19.4	
	30	5.0	13.9				7.9	19.4	
	35	5.0	13.9				7.9	19.4	
	40	3.5	13.3				6.4	18.8	
	45	1.6	9.5	8.0	610		4.5	15.0	

Wind Speed and Direction	0-5 W	Cloud Cover	90%
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Macrophyte Sampling Information

Additional Comments or Remarks

Add 5.5°C to all temps as correction factor

Add 2.9 ppm D.O. as correction factor

Prepared By

Date		8-11-92	
Lake	PEWAUKEE LAKE	Time	1:45 PM
County	WAUKESHA Co.	Lake Acreage	2,493
Storet Number	6 8 3 1 4 3	Maximum Depth	45 Ft.
Water Body Number	0 7 7 2 0 0 0	Air Temperature	80°F
Station Location	Maximum depth		

Light Penetration Station	Secchi Disc Depth in Meters
	1.9

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

Unit ft./m	Depth	D.O.	Temp.	pH	Cond.
	0	8.8	19	8.2	567
	5	8.7	18.5		
	10	8.6	18.5		
	15	8.1	18.0		
	20	7.2	17.0		
	25	5.5	16.0		562
	30	2.0	15.5		
	35	1.2	13.5		
	40	1.2	8.0		
	45	1.2	7.0	7.9	606

Wind Speed and Direction	Cloud Cover
W 10 mph	35%

Macrophyte Sampling Information

Additional Comments or Remarks

Mid sample at 25'

Prepared By
Borzide & Waite

Date		7-27-92
Lake	PEWAUKEE LAKE	Time
County	WAUKESHA Co.	Lake Acreage
Storet Number	6 8 3 1 4 3	Maximum Depth
Water Body Number	0 7 7 2 0 0 0	Air Temperature
Station Location	Maximum depth	

Light Penetration Station	Secchi Disc Depth in Meters
	1.75

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

Unit ft./m	Depth	D.O.	Temp.	pH	Cond	Depth	D.O.	Temp.	pH	Cond
	0	8.8	18.0	8.5	620					
	5	8.8	18.0							
	10	8.7	17.5							
	15	7.9	16.5							
	20	7.3	16.5							
	25	6.4	16.0			27	2.8	15.0	8.4	620
	30	1.0	13.0							
	35	1.0	10.5							
	40	1.0	7.5							
	45	1.0	7.0	8.5	620					

Wind Speed and Direction	Cloud Cover
W 10 mph	25%

Macrophyte Sampling Information

Additional Comments or Remarks

Mid Sample taken at 27'

Bottom at 45'

Prepared By
Borzick & Helsel

Date 6-29-92	
Lake PEWAUKEE LAKE	Time 1345
County WAUKESHA Co.	Lake Acreage 2,493
Storet Number 6 8 3 1 4 3	Maximum Depth 45 Ft.
Water Body Number 0 7 7 2 0 0 0	Air Temperature 75°F
Station Location Maximum depth	

Light Penetration Station	Secchi Disc Depth in Meters 1.6 m
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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	11.8	16.1	8.6	600	0	11.0		
	5	11.4	16.1			5	10.6		
	10	11.1	15.2			10	10.3		
	15	7.9	14.9			15			
	20	10.3	14.9			20	9.5		
	25	8.5	14.7			25	7.7		
*	30	3.2	11.1	8.0	605*	30	2.4		
	35	1.9	8.9			35	1.1		
	40	1.8	7.8			40	1.0		
	44	1.5	7.1	7.6	610	44	1.0		

Wind Speed and Direction NE 7-18 mph	Cloud Cover 0%
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Macrophyte Sampling Information

Additional Comments or Remarks

D.O METER - SUBTRACT 0.8 ppm FROM FIELD READING

Prepared By
Wakeman & Borzick

Lake PEWAUKEE LAKE	Date 6-15-92
County WAUKESHA Co.	Time 10:07 - 10:30
Storet Number 6 8 3 1 4 3	Lake Acreage 2,493
Water Body Number 0 7 7 2 0 0 0	Maximum Depth 45 Ft.
Station Location Maximum depth	Air Temperature
Light Penetration Station	Secchi Disc Depth in Meters 1.4

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

Unit ft./m	Depth	D.O.*	Temp.	pH
	0	11.3	17.7	7.4
	5 ft	11.2	17.7	
	10 ft	11.3	17.7	
	15 ft	11.2	17.7	
	20 ft	10.8	17.4	
	23.5 ft	8.2	17.2	7.5
	25 ft	6.5	16.1	
	30 ft	4.8	14.8	
	35 ft	4.3	14.1	
	40 ft	4.1	13.8	

Depth	D.O.	Temp.	pH
45 ft	4.2	6.2	7.4

Wind Speed and Direction EAST 15-20 mph	Cloud Cover 100% waves 15cm in height
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Macrophyte Sampling Information

Depth	Cond. model	Cond. model	Sample taken at
0	32 mhos	33 mhos	
23.5	0.484	480	23.5
45	0.474	490	
	0.521	600	

Additional Comments or Remarks

* DO meter would not calibrate. Suppose to calibrate to 9.7 ppm could only get to 10.8 ppm
Correction factor of 1.1 should be applied to all DO #'s

Prepared By **Don Welsch + Craig Barzich**

Date	6-1-92
Lake	PEWAUKEE LAKE
Time	3:05 P.M.
County	WAUKESHA Co.
Storet Number	6 8 3 1 4 3
Water Body Number	0 7 7 2 0 0 0
Station Location	Maximum depth
Lake Acreage	2,493
Maximum Depth	45 Ft.
Air Temperature	80°

Light Penetration Station	Secchi Disc Depth in Meters
	1.75

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

Unit ft./m	Depth	D.O.	Temp.	pH
	SURF	12.0	19.9	
	3	11.1	17.8	
	6	12.7	19.6	
	9	12.3	19.1	
	12	12.5	18.8	
	15	12.1	17.8	
	18	10.6	16.4	
	21	10.3	15.7	
	24	9.2	15.5	
	27	8.6	15.2	

Depth	D.O.	Temp.	pH
30	6.7	14.4	
33	5.7	13.5	
36	2.1	11.5	
39	1.8	11.0	
42	0.8	10.8	
45	0.6	10.5	

Wind Speed and Direction	Cloud Cover
5-15 mph E	50% Hazy

Macrophyte Sampling Information

Mid-sample at 34"

Bottom at 45"

Alk - 454 YSI 32

600 YSI 33

pH - 7.8

Additional Comments or Remarks

Prepared By
Borzick & Brown

Date	4-13-92
Lake	Pewaukee
Time	10:00 AM
County	
Lake Acreage	
Storet Number	
Maximum Depth	
Water Body Number	
Air Temperature	
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters
	2.1

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	14.5	2.9	8.4	495				
	5	14.5	2.9						
	10	14.5	3.0						
	15	14.4	3.0						
	20	14.4	3.0						
	25	14.4	3.0						
	30	14.4	3.0						
	35	14.3	3.0						
	40	14.3	3.0						
	45	14.3	3.0	8.4	495				

Wind Speed and Direction	5-15 SE	Cloud Cover	100%
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Lake	PEWAUKEE	Date	5/9/91
County	WANKESHA	Time	16:00
Storet Number	6 8 3 1 4 3	Lake Acreage	2400
Water Body Number	0 7 7 2 0 0 0	Maximum Depth	48'
Station Location	Deep Station		
Air Temperature	70'		

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

Unit ft./m	Depth	D.O.	Temp.	pH
	0	11.5	17.5	
	5	11.5	12.0	
	10	11.8	11.0	
	15	11.8	10.5	
	20	11.4	10.2	
	25	11.2	10.2	
	30	10.9	10.0	
	35	10.8	10.0	
	40	10.6	10.0	
	45	10.6	10.0	

Depth	D.O.	Temp.	pH
48	8.5	10.0	

Wind Speed and Direction	5 mph from southwest	Cloud Cover	10% Sunny
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By
NEAL O'Reilly / Rob McLeman

Date		3-4-91	
Lake	PEWAUKEE LAKE	Time	1310
County	WAUKESHA Co.	Lake Acreage	2,493
Storet Number	6 8 3 1 4 3	Maximum Depth	45 Ft.
Water Body Number	0 7 7 2 0 0 0	Air Temperature	
Station Location	Maximum depth		
Light Penetration Station	Secchi Disc Depth in Meters		
	4.8 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	11.0	1.5°C	7.55	.372				
	5	12.2	3.5°						
	10	11.8	3.2°						
	15	11.9	2.8°						
	20	10.4	2.3						
	25	8.8	2.1						
*	30	6.6	2.1	7.55	.433				
	35	4.5	2.2						
	40	3.2	2.2						
	45	1.2	2.9	7.55	.454				

Wind Speed and Direction	Cloud Cover
	20%

Macrophyte Sampling Information

Ice 10"

Snow 0

Additional Comments or Remarks

Prepared By
B. WAKEMAN, L. WASKO
PILOT

Date		23 AUG 90	
Lake		PEWAUKEE LAKE	
Time		0830	
County		WAUKESHA Co.	
Lake Acreage		2,493	
Storet Number		6 8 3 1 4 3	
Maximum Depth		45 Ft.	
Water Body Number		0 7 7 2 0 0 0	
Air Temperature			
Station Location			
Maximum depth			

Light Penetration Station	Secchi Disc Depth in Meters
	2.3 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	7.0	22.0	8.5	550				
	5	7.0	21.9						
	10	6.9	22.0						
	15	6.9	21.9						
	20	6.5	21.8						
	25	6.6	21.8						
	30	5.5	21.3						
*	35	0.0	20.2	8.1	550				
	40	0.0	17.6						
	45	0.0	15.7	7.5	600				

Wind Speed and Direction	0	Cloud Cover	100%
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By WAUKEMAN & SHERIDAN

June Sampling

Date	07/02/90
Lake	Pewaukee Lake
Time	10:15
County	WAUKESHA
Storet Number	683143
Maximum Depth	45'
Water Body Number	0222000
Air Temperature	21°C
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters
	3.5m

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

Unit ft./m	Depth	D.O.	Temp.	pH
*	Surf	9.3	22.9	
	5	9.3	22.9	
	10	8	22.5	
	15	7.3	22.2	
	20	5.9	21.2	
	25	5	20.5	
*	30	4.5	19.9	
	35	3.9	17.5	
	40	.3	15	
*	45	.3	14	

Wind Speed and Direction	Cloud Cover
10 W	0

Macrophyte Sampling Information

Additional Comments or Remarks

Bot @ 44' *harvesting*

Mis @ 30'

Prepared By *Esselman + Klone*

Date	4/11/90
Lake	PEWAUKEE LAKE
Time	11:25
County	WAUKESHA Co.
Lake Acreage	2,493
Storet Number	6 8 3 1 4 3
Maximum Depth	45 Ft.
Water Body Number	0 7 7 2 0 0 0
Air Temperature	4°
Station Location	Maximum depth

Light Penetration Station	Secchi Disc Depth in Meters	4.0
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH
	0	12.5	5.5	
	5	12.5	5.5	
	10	12.5	5.5	
	15	12.5	5.5	
	20	12.5	5.5	
	25	12.5	5.5	
	30	12.5	5.5	
	35	12.5	5.5	
	40	12.5	5.5	
	45	12.5	5.5	

Depth	D.O.	Temp.	pH

113 10

Wind Speed and Direction	Cloud Cover
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Date		28 FEB 90
Lake	Time	0915
County	Lake Acreage	
Storet Number	Maximum Depth	
Water Body Number	Air Temperature	25°F
Station Location		

Light Penetration Station	Secchi Disc Depth in Meters	10.6 m (yes)
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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
X	1	13.7	0.5	7.8	385				
	5	13.6	3.5						
	10	13.6	3.5						
	15	12.6	3.5						
	20	12.4	3.5						
X	25	12.0	3.5		475				
	30	10.8	3.5	7.8					
	35	9.3	3.4						
†	40	4.2	3.5		470				
	45	2.3	4.0	7.6					

Wind Speed and Direction	Cloud Cover	0%
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Macrophyte Sampling Information

Additional Comments or Remarks

0-1 ft snow - 15-24" ice

Prepared By

Date	8-22-89
Lake	Powdermill
Time	09:20
County	
Storet Number	
Water Body Number	
Maximum Depth	
Air Temperature	

Station Location

Light Penetration Station	Secchi Disc Depth in Meters	2.5
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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	7.4	23.1	8.75	600				
	5	7.3	23.0						
	10	7.3	23.0						
	15	7.2	22.8						
	20	6.9	22.5						
*	25	4.2	21.7	8.4	600				
	30	0.8	20.1						
	35	0.2	15.0						
	40	0.2	12.5						
	45	0.2	12.0	7.75	600				

Wind Speed and Direction	WNW 5-10	Cloud Cover	5%
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Date	7-26-89
Lake	PEWAUKEE
Time	11:00
County	
Storet Number	
Water Body Number	
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters
	2.9

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	9.3	25.2	8.75	510				
	5	9.4	24.8						
	10	9.2	23.0						
	15	8.3	22.2						
	20	7.5	22.0						
	25	5.2	21.1						
*	30	1.9	19.4	8.2	600				
	35	0.4	14.5						
	40	0.3	12.6						
	45	0.3	12.0	7.8	550				

Wind Speed and Direction	Cloud Cover
WNW 0-5	20% Hazy

Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By
WAKEMAN/KATOWA

Lake	Date
PELHAM	6-28-87
County	Time
	10:10
Storet Number	Lake Acreage
Water Body Number	Maximum Depth
Station Location	Air Temperature

Light Penetration Station	Secchi Disc Depth in Meters
	3.8

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	9.1	23.6	8.5	550				
	5	9.0	23.6						
	10	9.0	23.5						
	15	8.7	23.1						
*	20	8.1	20.0	8.45	560				
	25	7.4	18.8						
	30	5.4	16.8						
	35	1.4	14.6						
	40	0.2	11.1						
*	45	0.2	10.8	8.2	570				

Wind Speed and Direction	Cloud Cover
7-12 NE	0%

Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Date		4-27-89	
Lake		PEWAUKEE LAKE	
County		WAUKESHA Co.	
Storet Number		6 8 3 1 4 3	
Water Body Number		0 7 7 2 0 0 0	
Station Location		Maximum depth	
Lake Acreage		2,493	
Maximum Depth		45 Ft.	
Air Temperature			

Light Penetration	Station	Secchi Disc Depth in Meters
		6.25 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	10.7	10.2	7.7	425				
	5	10.8	10.2						
	10	10.7	10.2						
	15	10.7	10.2						
	20	10.6	10.2						
	25	10.7	10.1						
	30	10.7	10.0						
	35	10.6	8.2						
	40	10.1	8.0						
	45	9.6	8.0	7.55	410				

Wind Speed and Direction	Cloud Cover
0-7 NE	70%

Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By *JTD + TA*

Date	2-22-89
Lake	Pewaukee
Time	09:50
County	
Storet Number	
Water Body Number	
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters
	1.5 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	17.6	0.9	7.9	345				
	5	14.6	2.0						
	10	13.7	2.3						
	15	12.5	2.5						
	20	12.0	2.8						
	25	11.6	3.0						
*	30	10.3	3.1	7.89	340				
	35	9.4	3.5						
	40	8.3	3.9						
*	45	7.0	4.0	7.85	345				

Wind Speed and Direction	Cloud Cover
	0%

Macrophyte Sampling Information

Additional Comments or Remarks

Ice z 0.3 m

Snow z 100% 4-6 in

Prepared By

Wakeman / Ananias

Lake	Pewaukee Lake	Date	8-23-88
County	Waukesha	Time	8:45
Storet Number	-----	Lake Acreage	
Water Body Number	-----	Maximum Depth	45'
Station Location	-----		

Light Penetration Station	Secchi Disc Depth in Meters
	2.25 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	0	7.2	24.8	8.7	505				
	5	7.2	24.9						
	10	7.2	24.9						
	15	7.2	25.0						
	20	7.0	25.0						
	25	6.8	24.9						
* 30	30	4.8	24.2	8.6	500				
	35	.3	18.3						
	40	0	16.0						
x 45	45	0	15.0	7.55	600				

Wind Speed and Direction	NW - 7-15	Cloud Cover	30%
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By
Wakeman

Date		7-18-88
Lake	Pewaukee	
County		
Storet Number		
Water Body Number		
Station Location		
Light Penetration Station	Secchi Disc Depth in Meters	2.6

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

Unit ft./m	Depth	D.O.	Temp.	COND	pH	Depth	D.O.	Temp.	pH
x	0	8.2	26.0	500	8.7				
	5	8.2	26.0						
	10	8.4	25.6						
	15	8.0	25.2						
	20	7.1	24.7						
x	25	2.8	22.1	600	7.8				
	30	0.2	20.8						
	35	0.1	18.6						
	40	0.1	16.3						
x	45	0.1	14.6	500	8.1				

Wind Speed and Direction	Cloud Cover	100%
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Lake	Date
County	Time
Storet Number	Lake Acreage
Water Body Number	Maximum Depth
Station Location	Air Temperature

Light Penetration Station	Secchi Disc Depth in Meters
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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	10.2	22.1	7.4	470				
	5	10.2	22.1						
	10	10.2	22.1						
	15	10.2	22.1						
	20	10.2	22.1						
*	25	6.8	17.8	7.7	490				
	30	6.8	17.1						
	35	4.6	15.5						
	40	0.4	13.2						
*	45	0.1	11.0	7.7	490				

Wind Speed and Direction	Cloud Cover
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By D. Maya B. Lukeman

	Date 4-14-88
Lake PEWAWKEE	Time 2:20
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters 3.04
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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	11.6	9.0	8.1	490				
	5	11.6	9.1						
	10	11.6	9.1						
	15	11.6	9.1						
	20	11.6	9.1						
	25	11.6	9.1						
	30	11.4	9.0						
	35	11.4	8.8	7.9	490				

Wind Speed and Direction	Cloud Cover 90%
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Date		2-15-88	
Lake	PEWAUKEE LAKE	Time	3:45 (15:45)
County	WAUKESHA Co.	Lake Acreage	2,493
Storet Number	6 8 3 1 4 3	Maximum Depth	45 Ft.
Water Body Number	0 7 7 2 0 0 0	Air Temperature	
Station Location	Maximum depth		

Light Penetration Station	Secchi Disc Depth in Meters
	7.0 m

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

Unit	Depth	D.O.	Temp.	pH	COND	Depth	D.O.	Temp.	pH
ft/m *	0	11.4	1.0	8.1	300.0				
	5	11.4	1.8						
	10	11.0	2.0						
	15	10.6	2.0						
*	20	10.0	2.2	8.3	395.0				
	25	9.9	2.2						
	30	10.1	2.8						
	35	9.4	3.0						
*	40	6.3	3.1	8.2	397				
	45	7.1	3.0						

Wind Speed and Direction	Cloud Cover
	0%

Macrophyte Sampling Information

Additional Comments or Remarks

TCC DEPTH 0.25 m

Prepared By

WARRMAN

Date 19 August 1987	
Lake PEWAUKEE L	Time 0900
County WAUKESHA	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature

Station Location

Light Penetration Station	Secchi Disc Depth in Meters 2.3
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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	7.4	24.2	8.6	342*	4R	0.1	15.2	7.4	440
	5	7.4	24.2							
	10	7.4	24.2							
	15	7.4	24.2							
	20	7.4	24.2							
	25	7.4	24.2							
*	30	0.1	21.5	7.9	350					
	35	0.1	16.8							
	40	0.1	15.2							
	45	0.1	15.2							

Wind Speed and Direction	Cloud Cover 10%
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By

Date 7-22-87	
Lake PEWAUKEE	Time 0900
County WAUK	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature
Station Location	

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

Unit ft./m	Depth	D.O.	Temp.	pH	Corob	Depth	D.O.	Temp.	pH
*	0	8.9	26.5	8.4	300				
	5	8.9	26.5						
	10	8.5	26.0						
	15	7.8	25.7						
	20	6.5	25.0						
*	25	4.6	23.9	8.2	375				
	30	0.2	21.0						
	35	0.2	17.2						
	40	0.2	16.0						
*	45	0.2	15.0	7.8	420				

Wind Speed and Direction	Cloud Cover 0%
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By
WAKEMAN/WAWPT910

Lake	Pewaukee	Date	4 June 87
County	Waukesha	Time	10:45
Storet Number	-----	Lake Acreage	
Water Body Number	-----	Maximum Depth	
Station Location	deep station		

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	
	5	7.9	21.7		
	10	7.7	21.1		
	15	7.7	20.7		
	20	7.5	20.7		
	25	5.5	17.6		
✓	30	5.3	16.6	8.0	440
	35	2.9	15.7		
	40	0.1	14.9		
✗	45	0.1	14.3	8.0	485

Wind Speed and Direction	0-5 SW	Cloud Cover	0-5%
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Macrophyte Sampling Information

N/A

Additional Comments or Remarks

Under Algal Bloom

Prepared By

S. Mace

Date 7 April '87	
Lake PEWAUKEE LAKE	Time 0925
County WAUKESHA Co.	Lake Acreage 2,493
Storet Number 6 8 3 1 4 3	Maximum Depth 45 Ft.
Water Body Number 0 7 7 2 0 0 0	Air Temperature 16°C
Station Location Maximum depth	
Light Penetration Station	
Secchi Disc Depth in Meters 21m	

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	12.4	6.0	8.2	*380				
	5	12.4	6.0						
	10	12.3	5.8						
	15	12.3	5.6						
	20	12.2	5.6	8.2	*370				
	25	12.2	5.6						
	30	+12.2	5.6						
	35	+12.2	5.8						
	40	12.2	5.5						
	42	12.0	5.5	8.2	*372				

Wind Speed and Direction 0-5 NE	Cloud Cover 0% light haze
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Macrophyte Sampling Information
NONE CONDUCTED

Additional Comments or Remarks
light along shore - green
lake fairly calm, little wave action
previous 2 days cool and windy, winds mainly from NNE

Prepared By
MACE/WAKESHA

Date		2/25/87	
Lake	PEWAUKEE L.	Time	2:30
County	WAUK. CO.	Lake Acreage	
Storet Number	683143	Maximum Depth	
Water Body Number	-----	Air Temperature	
Station Location			
N 43 03.85 W 88 19.79			

Light Penetration Station	Secchi Disc Depth in Meters	6.0 m
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	COND	Depth	D.O.	Temp.	pH
X	1.0	10.4	4.2	7.61	393				
	5	10.8	4.9						
	10	11.1	4.8						
	15	11.6	4.0						
	20	9.6	3.8						
*	25	9.1	3.5	7.5	410				
	30	6.2	3.5						
	35	4.1	3.8						
	40	0.4	4.0						
*	45	0.02	4.9	7.4	590				

Wind Speed and Direction	Cloud Cover	40 %
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By *Bob W. [Signature]*

Date 8/17/86

Lake PEWAWICKES Time 10:30 AM

County Waukesha Lake Acreage _____

Storet Number _____ Maximum Depth 50'

Water Body Number 683143 Air Temperature 23°C

Station Location 0772000

Light Penetration Station _____ Secchi Disc Depth in Meters 5.25 M (1.6 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	Cond
	0	7.0	22.2	8.6	440	49	.8	21.0	7.5	550
	5	7.0	22.8							
	12	7.0	22.6							
	17	6.9	22.7							
	20	6.7	22.9							
	25	6.5	22.7							
	32	6.4	22.7							
	35	6.2	22.6							
mib	40	6.2	22.6	7.7	550					
	45	2.0	21.9		5					

Wind Speed and Direction 180° 10 MPH Cloud Cover HIGH THIN OVERCAST

Macrophyte Sampling Information

Additional Comments or Remarks

THERMO CLINE 39' BOTTOM 48'

Prepared By Joe Melter

Date		7-10-86	
Lake	PEWAUKEE LAKE	Time	1000
County	WAUKESHA Co.	Lake Acreage	2.493
Storet Number	6 8 3 1 4 3	Maximum Depth	45 Ft.
Water Body Number	0 7 7 2 0 0 0	Air Temperature	

Station Location
Maximum depth

Light Penetration Station	Secchi Disc Depth in Meters
	1.2

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

Unit ft./m	Depth	D.O.	Temp.	pH	
	0	9.6	23.5	8.60	510
	5	9.6	23.5		
	10	9.4	23.5		
	15	9.3	23.5		
	20	7.3	23.0	8.60	510
	25	6.4	22.5		
	30	6.2	22.2		
	35	6.4	22.5	7.81	580

BOTTOM 37

Wind Speed and Direction	Cloud Cover
	90%

Macrophyte Sampling Information

Additional Comments or Remarks

43 03' 76 N

25 20' 19 W

Prepared By

Date	4-21-86
Lake	PENNAULKEE
Time	17:00
County	WALKESHA
Lake Acreage	2500
Storet Number	693143
Maximum Depth	45'
Water Body Number	
Air Temperature	
Station Location	deepest part of the lake

Light Penetration Station	Secchi Disc Depth in Meters
	3.2m

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

Unit ft./m	Depth	D.O.	Temp.	pH	Cloud	Depth	D.O.	Temp.	pH
	0	13.4	9.0	8.0	300				
	5								
	10	12.8	9.0						
	15								
	20	11.7	9.0						
	25								
	30	11.2	9.0						
	35								
	40	10.8	9.0						
	45	10.8	9.0	8.0	370				

Wind Speed and Direction	Cloud Cover
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Macrophyte Sampling Information

Additional Comments or Remarks

Prepared By