

LaBelle Waukesha Co. SED 21 Apr 86 chlorz = 8 µg/l 50 ml  
(x140, x560, x1400) (alot of cellulose like detritus in sample).

REL

Abundant (5):

*Synedra ulna*  $3\mu \times 4\mu \times 150\mu$ . (variable; some up to  $250\mu$  in length)

*Synedra* cf. *nana*  $2\mu \times 2\mu \times 90\mu$

Very common (4):

*Fragilaria crotonensis*  $4\mu \times 5\mu \times 90\mu$ .

Common (3):

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

*Stephanodiscus niagarae*  $52\mu$  d.  $\times$   $25\mu$  deep.

*Melosira* sp.  $6\mu$  d.  $\times$   $24\mu$  long

*Cyclotella* cf. *botanica*  $30\mu$  d.  $\times$   $18\mu$  deep.

Occasional (2):

*Cryptomonas* cf. *erosa*  $8\mu \times 12\mu \times 30\mu$

*Scenedesmus quadricauda* var. *longispina*  $4\mu$  d.  $\times$   $10\mu$

*Cymbella* sp.  $18\mu$  across @ mid  $\times$   $68\mu$  long  $\times$   $10\mu$  deep.

*Chroomonas acuta*  $4\mu$  d.  $\times$   $8\mu$ .

Zooplankton Data - Lac La Belle - Waukesha Co. 1986

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

Lake Name	Lac La Belle	Lac La Belle	Lac La Belle	Lac La Belle
County Name	Waukesha Co.	Waukesha Co.	Waukesha Co.	Waukesha Co.
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				
Tow Length Meters	6.8	6.8	6.8	6.8
Liter/(MG/L) Subsample	0.712	0.712	0.712	0.712
Size-Daphnia-Number	20	32	21	23
Size-Daphnia-Mean mm	1.72	2.05	2.56	2.27
Size-Daphnia-Standard deviation	0.41	0.4	0.43	0.49
Size-Copepods-Number	27	31	29	31
Size-Copepods-Mean	1.11	1.27	1.29	1.33
Size-Copepods-Standard deviation	0.25	0.43	0.38	0.43
Size-All Zooplankton-Number	32	37	32	30
Size-All Zooplankton-Mean	1.12	1.46	1.43	1.3
Size-All Zooplankton-SD	0.45	0.62	0.78	0.65
Acanthocyclops vernalis	0	3	3	0
Bosmina longirostris	4	3	3	3
Chaoborus Sp.	0	0	0	2
Chydorus sphaericus	0	3	2	3
Daphnia ambigua	3	2	0	0
Daphnia galeata mendotae	0	3	3	3
Daphnia pulex	2	3	2	2
Daphnia retrocurva	3	3	3	3
Diacyclops thomasi	0	4	0	0
Diaphanosoma leuchtenbergianum	5	3	3	3
Eubosmina coregoni	0	2	3	3
Eucyclops speratus	0	0	0	0
Leptodiaptomus siciloides	2	0	3	2
Leptodora kindtii	0	2	0	2
Mesocyclops edax	0	0	3	3
Skistodiaptomus oregonensis	2	3	2	2
Skistodiaptomus pallidus	2	2	2	2
Tropocyclops prasinus	0	2	3	3
	2	3		

Lake: Lac La Belle Lake  
County: Waukesha  
Date: August 1986

Cyanobacteria

- 1 Anabaena cf. planctonica
- 1 Anabaena variabilis
- 1 Chroococcus limneticus
- 3 Gomphosphaeria aponina
- 1 Lyngbya sp.
- 2 Microcystis sp.

Diatoms

- 1 Melosira sp.

Dinoflagellates

- 1 Ceratium furcoides
- 3 Cerstium hirundinella
- 1 Peridinium cf. cinctum
- 1 Peridinium sp.
- 1 Peridinium wisconsinense

Cryptomonads

Green algae

Chrysophytes

- 1 Dinobryon sociale

Euglenoids

Ratio: Eukaryotic Algae / Cyanobacteria  
by biomass - 50 / 50  
by cell density - 10 / 90

"Unit" Size Distribution (as percent)

- 1-10um: 5
- 11-20um: 5
- 21-30um: 10
- 31-40um: 10
- 41-50um: 10
- 51-60um:
- 61-70um:
- 71-80um:
- >80um: 60

Lake: Lac La Belle Lake  
County: Waukesha  
Date: July 1986

**Cyanobacteria**

- 1 Anabaena circinalis
- 2 Anabaena cf. planctonica
- 4 Chroococcus limneticus
- 3 Gomphosphaeria aponina
- 2 Gomphosphaeria lacustris
- 3 Microcystis sp.

**Diatoms**

- 2 Cyclotella cf. comta
- 2 Synedra cf. acus

**Dinoflagellates**

- 3 Ceratium hirundinella
- 1 Gymnodinium sp.
- 1 Peridinium pusillum
- 1 Peridinium sp. (20 um)

**Cryptomonads**

- 3 Cryptomonas cf. ovata

**Green algae**

- 1 Lagerheimia sp.

**Chrysophytes**

- 2 Dinobryon sociale

**Euglenoids**

Ratio: Eukaryotic Algae / Cyanobacteria  
by biomass - 50 / 50  
by cell density - 30 / 70

**"Unit" Size Distribution (as percent)**

- 1-10um: 5
- 11-20um: 10
- 21-30um: 15
- 31-40um: 25
- 41-50um: 15
- 51-60um:
- 61-70um:
- 71-80um:
- >80um: 30

Lake: Lac La Belle Lake  
County: Waukesha  
Date: June 1986

**Cyanobacteria**

- 1 Anabaena circinalis
- 1 Chroococcus limneticus
- 2 Gomphosphaeria aponina
- 3 Gomphosphaeria lacustris

**Diatoms**

- 2 Cyclotella cf. comta
- 1 Fragilaria crotonensis
- 1 Melosira sp.

**Dinoflagellates**

- 1 Ceratium hirundinella
- 1 Peridinium sp. (20 um)

**Cryptomonads**

- 2 Chroomonas minuta
- 3 Cryptomonas cf. ovata
- 2 Katablepharis ovalis

**Green algae**

- 1 Scenedesmus cf. quadricauda

**Chrysophytes**

- 2 Dinobryon divergens
- 5 Dinobryon sociale

**Euglenoids**

**Ratio: Eukaryotic Algae / Cyanobacteria**

by biomass - 85 / 15  
by cell density - 50 / 50

**"Unit" Size Distribution (as percent)**

1-10um: 15  
11-20um: 20  
21-30um: 10  
31-40um: 35  
41-50um:  
51-60um:  
61-70um:  
71-80um:  
>80um: 20

Water Body No.:  
 Lake: Lac LaBelle  
 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	13 Apr	8 Jun	18 Jul	23 Aug
Tow length (m)					
Subsample volume	0.1	0.1	0.1	0.1	0.1
Daphnia					
Number	8	14	20	18	17
Mean size (mm)	1.53	1.07	1.30	1.20	1.28
Standard deviation	0.47	0.43	0.46	0.45	0.43
Copepods					
Number	56	49	55	57	55
Mean size (mm)	0.76	0.68	0.62	0.63	0.61
Standard deviation	0.42	0.45	0.39	0.38	0.41
All zooplankton					
Number	71	83	89	95	94
Mean size (mm)	0.81	0.66	0.74	0.71	0.70
Standard deviation	0.48	0.45	0.49	0.43	0.46

	17 Feb	13 Apr	8 Jun	18 Jul	23 Aug
Leptodiatomus siciloides	3	2	2	4	0
Skistodiatomus oregonensis	5	3	3	2	0
Skistodiatomus pallidus	0	0	1	2	4
Calanoid copepodids	0	3	4	4	4
Calanoid nauplii	0	4	4	5	4
Diacyclops bicuspidatus thomasi	4	5	3	3	2
Eucyclops prionophorus	0	0	1	0	0
Eucyclops speratus	0	0	1	0	0
Mesocyclops edax	0	1	3	4	4
Orthocyclops modestus	0	0	0	2	1
Tropocyclops prasinus	4	0	0	3	3
Cyclopoid copepodids	5	5	5	5	5
Cyclopoid nauplii	5	5	5	5	5
Alona costata	0	1	0	0	0
Alona quadrangularis	1	0	0	0	0
Bosmina longirostris	2	0	0	0	2
Ceriodaphnia quadrangula	0	0	0	0	2
Ceriodaphnia sp.	0	0	0	1	0
Chydorus sphaericus	2	4	3	1	3
Daphnia dubia	0	0	0	0	2
Daphnia galeata mendotae	3	3	5	5	5
Daphnia pulicaria	3	4	5	2	3
Daphnia retrocurva	0	0	0	1	0
Diaphanosoma birgei	0	0	0	5	5
Eubosmina coregoni	3	4	4	4	4

**DNR BASELINE MONITORING**

Lake Name LacLaBelle Date 5/11/01 Time 12:14 PM  
 Sample Location (e.g., deepest point in basin) Deep spot @ 46 ft  
 WBIC 848800 % Cloud Cover/Precip 90% / Dry  
 Observers Wray Wind Speed 5 mph from S Direction  
Bank

**Field Measurements and Observations**

Secchi Disk 3.4 (m or ft) Custer Color Strip Reading 6  
 Algae Development - Not apparent \_\_\_\_\_  
 Slight (just visible) \_\_\_\_\_  
 Moderate (quite noticeable) X Site depth 46 (m or ft)  
 Heavy (very green) \_\_\_\_\_  
 pH at 1 meter 8.49

**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	9.91	17.69	509	43	1.77	12.10	524				
3	9.86	17.69	508								
6											
10											
15											
20											
25											
30											
35	4.24	13.06	5.01								
40	2.64	12.38	523								

Meter Type and ID Number(s) HydroLab Surveyor 3

**Water Samples**

Depth of Integrated Water Sample 1 m or ft SLH Field Number LAC 1  
40 Amount filtered for chlorophyll 1000 mLs LAC 2

**Comments / Observations**

Deep spot @ 46 ft pH 8.49 11/01

## DNR BASELINE MONITORING

Lake Name LaLa Belle Date 6/27/01 Time 12:43 PM  
 Sample Location (e.g., deepest point in basin) Deep Hole @ 45 ft  
 WBIC 0848800 % Cloud Cover/Precip 0% Dry  
 Observers Garbe Powers Wind Speed 5 mph from S Direction  
Heidi Bunk

### Field Measurements and Observations

Secchi Disk 2.1 (m or ft) Custer Color Strip Reading \_\_\_\_\_  
 Algae Development – Not apparent \_\_\_\_\_ Site depth \_\_\_\_\_ (m or ft)  
                                   Slight (just visible) \_\_\_\_\_  
                                   Moderate (quite noticeable) \_\_\_\_\_  
                                   Heavy (very green) X pH at 1 meter 8.57

### Profiles

Depth ft or m	DO mg/L	Temp °C	Cond µS	Depth ft or m	DO mg/L	Temp °C	Cond µS	Depth ft or m	DO mg/L	Temp °C	Cond µS
1	8.60	25.81	496	45							
3	8.66	25.07	495								
5	8.66	24.92	495								
10	8.47	24.35	498								
15	8.37	22.50	499								
20	6.80	18.77	515								
25	5.30	16.00	512								
30	2.85	15.12	517								
35	1.37	14.66	522								
40	0.32	14.27	526								

Meter Type and ID Number(s) HydroLab Surveyor 3

### Water Samples

Depth of Integrated Water Sample 0-6 m or ft SLH Field Number LAC1  
 Amount filtered for chlorophyll 800 mLs LAC2 @ 40ft

### Comments / Observations



**DNR BASELINE MONITORING**

Lake Name Lac La Belle Ambient Date 3, 19, 01 Time 11 AM  
 Sample Location (e.g., deepest point in basin) ~ 225 ft from shore  
 WBIC 0848800 % Cloud Cover/Precip 95%<sup>±</sup>, dry  
 Observers Tony Fisher Wind Speed 20 mph from S Direction  
Heidi Bunk

**Field Measurements and Observations**

Secchi Disk 3.4 (m or ft) Custer Color Strip Reading \_\_\_\_\_  
 Algae Development – Not apparent \_\_\_\_\_ Site depth 14 (m or ft)  
 Slight (just visible) X  
 Moderate (quite noticeable) \_\_\_\_\_ pH at 1 meter 7.73  
 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	14.50	1.56	506								
3	13.20	3.31	539								
6	13.09	3.47	547								
9	12.47	3.49	551								
12	12.26	3.46	553								

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

**Water Samples**

Depth of Integrated Water Sample \_\_\_\_\_ m or ft SLH Field Number LAC 1 1 Foot Under  
 Amount filtered for chlorophyll 1000ml mLs LAC 2 1 ft from  
10ft. Deep. Bottom.

**Comments / Observations**

ICE 1/2 m thick

## DNR BASELINE MONITORING

Lake Name Lac La Belle Lake Date 8 / 15 / 2000 Time 11:38 AM

Sample Location (e.g., deepest point in basin) \_\_\_\_\_

WBIC 0848800 % Cloud Cover/Precip 30%

Observers Walkeman Wind Speed 15 mph from NW Direction

Bank

### Field Measurements and Observations

Secchi Disk 1.6 (m or ft) Custer Color Strip Reading 2

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

Site depth 43 (m or ft)  
 pH at 1 meter 7.9

### 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	8.1	26.4	485	30	0.3	17.7	529				
3	8.1	26.4	486	33	0.2	15.2	538				
6	8.1	26.4	486	36	0.2	13.4	548				
9	8.1	26.3	486	39	0.1	12.0	553				
12	8.2	26.1	487	42	0.1	12.7	560				
15	7.4	24.9	492								
18	6.4	24.2	495								
21	4.5	22.9	503	51							
24	3.5	22.3	506								
27	1.5	21.4	512								

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

### Water Samples

Depth of Integrated Water Sample 12 m or ft SLH Field Number LACLA 1

Amount filtered for chlorophyll 500 mLs

### Comments / Observations

Variabl	e or Ca	librati	on chan	ged at	31901	90003
Variabl	e or Ca	librati	on chan	ged at	31901	90203
Variabl	e or Ca	librati	on chan	ged at	31901	90915

Annotat	ion at	31901	123233	LAC1	DO	DO	Redox	Depth	Turb	Batt
Time	Temp	pH	SpCond	Salin	% Sat	mg/l	mV	feet	NTU	volts
HHMMSS	deg C	units	uS/cm	ppt						
123245	1.51	7.76	498	0.3	97.3	13.57	N/A	-0.4	N/A	14.9&
123358	3.4	7.72	539	0.3	99.9	13.23	N/A	1.5	N/A	14.9&
123443	3.46	7.71	546	0.3	96.2	12.71	N/A	3.4	N/A	14.8&
123525	3.5	7.44	551	0.3	93.7	12.38	N/A	6.6	N/A	14.9&
123713	3.46	7.68	553	0.3	92.4	12.21	N/A	9.5	N/A	14.9&

Date		4-7-99	
Lake	LaC La Belle	Time	10:58
County	Waushara	Lake Acreage	
Storet Number		Maximum Depth	46'
Water Body Number		Air Temperature	60°F
Station Location			Deep Hole

Light Penetration Station	Secchi Disc Depth in Meters
	1.7m

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

D.O. Sample at 42'

Unit ft./m	Depth	D.O.	Temp.	pH	Cond	Depth	D.O.	Temp.	pH
	0	11.01	9.57	8.26	467				
	5	10.88	9.58	8.25	467				
	10	10.85	9.56	8.25	467				
	15	10.83	9.55	8.24	467				
	20	10.83	9.55	8.24	467				
	25	10.81	9.53	8.24	468				
	30	11.04	9.55	8.28	470				
	35	10.88	9.53	8.28	470				
	40	10.79	9.49	8.27	470				
	45	10.78	9.50	8.27	470				

Wind Speed and Direction	SW 30 mph	Cloud Cover	40%
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Lac La Belle  
7-21-98

TEMP	pH	SpCOND	TDS	DO	DEPTH
26.92	8.47	469	0.3	7.39	1
26.94	8.47	469	0.3	7.39	5
26.93	8.47	470	0.301	7.32	10
26.87	8.46	472	0.302	7.28	15
23.29	8.17	499	0.319	4.14	20
19.39	7.95	511	0.327	1.23	25
16.22	7.85	517	0.331	0.19	30
13.65	7.73	529	0.339	0.16	35
13.11	7.69	531	0.34	0.14	40

Date	6-22-95
Lake	Lac La Biche
County	
Storet Number	
Water Body Number	
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters
	2.3

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

Unit ft./m	Depth	D.O.	Temp.	pH	Conductivity	Transmittance	Depth	D.O.	Temp.	pH
	0	7.5	24.8	8.6	485	.310				
	5									
	10	7.5	24.8	8.6	485	.310				
	15	7.3	22.3	8.5	489	.313				
*	20	6.2	19.2	8.4	498	.319				
	25	4.1	17.7	8.2	501	.321				
	30	1.4	15.1	8.0	510	.326				
	35	0.1	13.7	7.8	513	.328				
	40	0.1	12.2	7.8	516	.330				
	<del>45</del>									

Wind Speed and Direction	Cloud Cover
	20%

Macrophyte Sampling Information

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Additional Comments or Remarks

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Date	3/30/98
Lake	Lac La Belle
Time	11:30
County	
Storet Number	
Water Body Number	
Station Location	

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	TDS	Depth	D.O.	Temp.	pH
	0	11.5	10.8	7.9	499	.319				
	5	11.5	10.7	7.9	499	.319				
	10	11.8	10.0	7.9	500	.320				
	15	11.7	9.8	7.9	500	.320				
	20	11.9	9.4	7.9	499	.319				
	25	11.8	9.1	7.9	499	.319				
	30	11.9	8.9	7.9	499	.319				
	35	12.1	8.1	7.8	498	.319				
	40	12.0	7.8	7.9	498	.319				
	45									

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

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Additional Comments or Remarks

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Lac La Belle  
3/30/98

TEMP.	pH	SpCond	TDS	DO	Depth
10.76	7.88	499	0.319	11.52	1
10.67	7.9	499	0.319	11.55	5
10.02	7.9	500	0.32	11.8	10
9.76	7.91	500	0.32	11.71	15
9.38	7.9	499	0.319	11.89	20
9.13	7.89	499	0.319	11.83	25
8.92	7.89	499	0.319	11.93	30
8.11	7.85	498	0.319	12.08	35
7.82	7.86	498	0.319	12.02	40

SEELCHDEPTH= 1.9m



	Date 9/9/99
Lake Pewaukee LLS	Time
County	Lake Acreage
Storet Number _____	Maximum Depth
Water Body Number _____	Air Temperature
Station Location _____ _____	

Light Penetration Station	Secchi Disc Depth in Meters 2.4
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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	8.2	20.3	8.2	499				
	5	8.1	20.3	8.2	499				
	10	8.2	20.3	8.2	499				
	15	7.9	20.3	8.2	500				
	20	7.7	20.1	8.2	502				
	25	7.4	19.9	8.1	504				
	30	5.4	19.5	8.0	528				
*	35	0.2	17.1	7.4	560				
	40	0.1	14.0	7.1	602				
	49	0.1	13.4	7.1	613				

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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Date	8/4/97
Lake	Lake Bell
Time	0930
County	
Storet Number	
Water Body Number	
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters
	2.5m

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	7.8	24.8	8.3	511	.372				
	5	7.7	24.8	8.4	512	.327				
	10	7.7	24.7	8.4	512	.328				
	15	7.4	24.4	8.3	514	.329				
	20	4.6	23.1	8.1	532	.341				
*	25	0.2	20.6	7.7	551	.352				
		0.1	17.1	7.7	566	.362				
		0.1	14.8	7.6	572	.366				
		0.1	13.7	7.5	579	.370				
		0.1	13.2	7.5	588	.377				

Wind Speed and Direction	Cloud Cover
	100%

Macrophyte Sampling Information

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Additional Comments or Remarks

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	Date 6/24/97
Lake LAC LA BELLE	Time 1306
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters 2.8 m
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	Conductivity	Depth	D.O.	Temp.	pH
	0	8.4	26.3	8.2	538				
	5	8.4	26.3	8.2	538				
	10	8.4	26.1	8.2	539				
*	15	7.6	21.4	8.2	547				
	20	6.9	20.1	8.1	548				
	25	5.1	17.3	8.0	565				
	30	3.6	15.1	7.9	570				
	35	0.8	13.3	7.7	576				
	40	0.1	12.9	7.6	578				
	45	0.1	12.6	7.6	584				

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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Date	4/29/97
Lake	Lac La Belle
Time	2:15 pm
County	Waukesha
Lake Acreage	
Storet Number	-----
Maximum Depth	45 ft.
Water Body Number	-----
Air Temperature	60 °F
Station Location	Deep hole station

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	TDS Conductivity		Depth	D.O.	Temp.	pH
	0	11.08	11.88	8.48	0.389	560				
	5	11.06	11.86	8.47	0.389	560				
	10	11.06	11.82	8.48	0.388	558				
	15	11.06	11.26	8.47	0.398	559				
	20	10.93	9.55	8.42	0.357	559				
	25	10.51	8.43	8.39	0.357	558				
	30	9.89	7.94	8.33	0.358	559				
	35	9.04	7.44	8.23	0.359	561				
	40	8.50	7.22	8.19	0.358	561				
	45									

Wind Speed and Direction	10-15 <del>SW</del> S/SW 945/5 to 25	Cloud Cover	30%
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Date 3/5/97	
Lake Lac La Briere	Time 11:20
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters 4.0 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
	1	11.9	1.59	7.5	463	.295				
	5	11.5	3.1	7.0	544	.348				
	10	11.6	3.2	7.6	544	.348				
	15	11.6	3.3	7.6	545	.348				
*	20	11.8	4.0	7.9	548	.352				
	25	10.6	3.7	7.6	563	.362				
	30	7.1	3.2	7.3	636	.407				
	35	6.9	3.1	7.2	654	.419				
	40	6.4	3.4	7.2	674	.431				

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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A	B	C	D	E	F	G
Lac La Belle						
9/4/96						
	Temp	pH	SpCond.	TDS	DO	Depth
130509	26.18	8.3	0	0.332	8.55	0
130619	24.93	8.27	0	0.331	8.76	5
130741	24.33	8.12	0	0.331	8.48	10
130850	23.73	8.2	0	0.334	7.9	15
130957	22.59	7.93	0	0.347	5.34	20
131139	20.83	7.62	0	0.359	1.06	25
131239	16.45	7.64	0	0.368	0.17	30
131319	13.5	7.5	0	0.377	0.12	35
131413	12.55	7.41	0	0.386	0.11	40

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117  
75  
175

Laurel Bay

Z	T <sup>°C</sup>	DO	COND	pH	TDS	Secchi DEPTH	7-23-90 1:00pm		
0	22.9	8.3	533	8.0	.341	1.9m			
5	22.9	8.3	533	8.0	.341	0.35			
10	22.8	8.2	533	8.0	.341	0.34			
15	22.8	8.2	534	8.0	.342	0.34			
20	20.8	6.9	558	7.9	.356	0.34			
* 25	16.6	0.5	563	7.5	.360	0.33			
30	14.3	0.1	564	7.4	.360	0.35			
35	12.6	0.1	575	7.3	.369	0.37			
40	11.8	0.1	585	7.2	.374	0.38			
45	11.7	0.1	587	7.1	.374	0.39			

Date		6-25-96		
Lake	Lac La Belle		Time	1320
County			Lake Acreage	
Storet Number	_____		Maximum Depth	
Water Body Number	_____		Air Temperature	
Station Location				
_____				
_____				

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	TDS	Depth	D.O.	Temp.	pH
	0	7.9	24.1	8.1	458	.292				
	5	8.3	21.6	8.1	454	.291				
	10	8.2	21.3	8.2	454	.291				
	15	7.6	20.7	8.0	460	.294				
*	20	6.7	17.5	8.0	480	.307				
	25	5.3	15.8	7.9	485	.311				
	30	3.3	13.8	7.7	495	.316				
	35	1.5	12.6	7.6	497	.318				
	40	0.1	11.6	7.5	501	.321				
	45									

Wind Speed and Direction	Calm	Cloud Cover	10%
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Macrophyte Sampling Information

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Additional Comments or Remarks

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	Date 4-16-96
Lake Lac La Buis	Time 1345
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters 2.4 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
	1	11.8	6.9	8.2	473	303				
	5	11.7	6.9	"	"	"				
	10	12.0	6.9	"	"	"				
	15	11.7	6.8	"	"	"				
	20	11.5	6.8	"	"	"				
	25	11.4	6.8	"	"	"				
	30	11.8	6.8	"	"	"				
	35	11.9	6.8	"	"	"				
	40	11.9	6.8	"	"	"				
	45	11.9	6.7	"	"	"				

Wind Speed and Direction SSW 10-20 mph	Cloud Cover 0%
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Lac La Belle, Waukesha Co.  
Sample Date: 2/21/96

Secchi Depth 6.5 m

	Temp.	pH	SpCond	TDS	DO	Depth	
110131	1.13	7.98	0.497	0.318	12.21	1	
110231	2.89	7.96	0.502	0.322	11.83	5	
110438	3.11	7.97	0.508	0.325	11.98	10	
110611	3.82	7.97	0.509	0.326	12.02	15	
110808	3.85	7.9	0.522	0.334	10.98	20 *	
110948	3.31	7.84	0.547	0.35	10.3	25	
111219	3.14	7.76	0.594	0.38	8.72	30	
111427	3.02	7.75	0.621	0.397	9.29	35	
111756	3.78	7.59	0.633	0.405	4.14	40	

	Date 8-22-95
Lake Lac La Poudre	Time 14:15
County	Lake Acreage
Storet Number	Maximum Depth
Water Body Number	Air Temperature 85°
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	Cond	TDS	Depth	D.O.	Temp.	pH
	0	8.7	27.7	7.8	437	.279				
	5	8.9	27.1	7.5	436	.279				
	10	8.8	26.6	7.5	438	.280				
	15	6.6	25.8	7.8	447	.287				
	20	4.4	24.9	7.6	466	.298				
	25	0.4	22.9	7.6	493	.317				
Ⓢ	30	0.0	18.5	7.4	511	.327				
	35	0.0	15.1	7.1	531	.340				
	40	0.0	14.2	7.1	543	.348				
	45									

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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Date	7-24-95
Lake LAC LA BEUS	Time 10:00
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 1.8m
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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	8.5	26.3	8.2	481	.308				
	5	8.5	26.0	8.2	483	.309				
	10	8.4	25.9	8.2	483	.309				
	15	7.9	25.0	8.2	484	.310				
	20	5.8	23.4	8.1	502	.321				
*	25	2.0	20.4	7.9	503	.322				
	30	0.0	18.1	7.7	510	.326				
	35	0.0	14.7	7.6	524	.336				
	40	0.0	13.4	7.5	539	.345				
	45									

Wind Speed and Direction 0-3 SW	Cloud Cover 10%
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Macrophyte Sampling Information

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Additional Comments or Remarks

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	Date	6-21-95
Lake Lac La Belle	Time	1450
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	2.9 m
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	CO <sub>2</sub>	PO <sub>4</sub>	Depth	D.O.	Temp.	pH
	0	8.0	28.6	8.2	514	.329				
	5	8.1	28.6	8.2	514	.329				
	10	8.8	27.8	8.2	513	.329				
*	15	8.1	22.2	8.3	513	.329				
	20	6.7	18.2	8.2	518	.332				
	25	4.2	16.7	8.0	524	.335				
	30	2.6	15.8	7.9	527	.337				
	35	0.1	14.2	7.7	534	.343				
	40	0.0	13.3	7.6	538	.345				
	45									

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

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Additional Comments or Remarks

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Date	3-29-95
Lake	Lake La Belle
County	
Storet Number	
Water Body Number	
Time	12:45
Lake Acreage	
Maximum Depth	
Air Temperature	
Station Location	

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	Temp	Depth	D.O.	Temp.	pH
	0	11.8	5.3	8.2	.538	34.5				
	5	11.7	5.3	8.2	.538	34.5				
	10	11.7	5.3	8.2	.539	34.5				
	15	11.7	5.3	8.2	.539	34.5				
	20	11.6	5.3	8.2	.539	34.5				
	25	11.6	5.3	8.2	.539	34.5				
	30	11.6	5.3	8.2	.539	34.5				
	35	11.5	5.2	8.2	.539	34.5				
	40	11.5	5.2	8.2	.541	34.6				
	45									

Wind Speed and Direction	Cloud Cover
NNE 5-15	100%

Macrophyte Sampling Information

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Additional Comments or Remarks

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Lake <u>LAKE LA BOLLE</u>	Date <u>2-20-95</u>
County _____	Time _____
Storet Number _____	Lake Acreage _____
Water Body Number _____	Maximum Depth _____
Station Location _____	

Light Penetration Station _____	Secchi Disc Depth in Meters <u>4.7</u>
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit	Depth	D.O.	Temp.	pH		Depth	D.O.	Temp.	pH
	0	13.71	1.80	7.94	.561				
	5	13.55	3.46	7.97	.565				
	10	13.19	3.64	7.98	.570				
	15	12.47	3.80	7.94	.573				
	20	11.48	3.70	7.89	.583				
	25	10.62	3.56	7.83	.605				
*	30	9.55	3.41	7.70	.657				
	35	9.80	3.60	7.71	.688				
Bottom	40	10.7	3.23	7.71	.722				
	45								

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

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Additional Comments or Remarks

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Date	9/7/94
Lake	Lac La Belle
Time	1020 - 1034
County	Waukesha
Storet Number	
Water Body Number	
Maximum Depth	4.6ft
Air Temperature	
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters
	2.0

Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C) *HydroLab Surveyor 3*

Unit  
ft./m

Depth	D.O.	Temp.	pH
0	7.95	19.29	8.14
5	7.86	19.21	8.15
10	7.80	19.09	8.16
15	7.83	19.03	8.18
20	7.77	18.98	8.18
25	7.65	18.82	8.18
30	7.93	18.70	8.21
35	7.65	18.41	8.18
40	6.95	17.12	7.45
45	6.08	14.31	7.01

*COND TURB*

Depth	D.O.	Temp.	pH
0	0.514	0.329	
5	0.514	0.329	
10	0.515	0.329	
15	0.514	0.328	
20	0.513	0.329	
25	0.514	0.329	
30	0.512	0.328	
35	0.517	0.331	
40	0.576	0.368	
45	0.658	0.430	

Wind Speed and Direction	Cloud Cover

Macrophyte Sampling Information

*samples taken 0.35*

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Additional Comments or Remarks

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Date	4-19-94
Lake	Lake La Belle
Time	1300
County	
Storet Number	
Water Body Number	
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
0	10.6	10.9	12.1
5	10.6	10.9	12.1
10	10.4	10.9	12.1
15	10.8	10.5	11.7
20	10.6	10.5	11.7
25	10.6	10.8	11.2
30	10.4	10.8	11.2
35	10.4	10.8	11.2
40			

Depth	D.O.	Temp.	pH

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

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Additional Comments or Remarks

No ZOOPLANKTON SAMPLE - MECHANICAL PROBLEMS

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Date <del>1-20</del> 2-22-94	
Lake LAC LA BELLE	Time 1400
County WAUKESHA Co.	Lake Acreage 1,164
Storet Number 6 8 3 1 2 5	Maximum Depth 45 Ft.
Water Body Number 0 8 4 8 8 0 0	Air Temperature
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		Depth	D.O.	Temp.	pH
	0	11.1	0.6	8.1	296				
	5	12.5	2.3						
	10	13.1	2.4						
	15	13.1	2.4						
	20	12.4	2.3						
	25	11.0	2.3						
*	30	9.7	2.7	8.0	393				
	35	10.6	2.3						
	40	8.2	3.0						
	45	3.6	3.5	—	—				

Wind Speed and Direction	Cloud Cover 100
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Macrophyte Sampling Information

\* BOTTOM MISC. BOTTLE BROKE IN TRANSIT.

Additional Comments or Remarks

LORAN GPS

43 07 54 43 07.39

88 31.07 88 30.59

Loc La Belle

SEARCH 8/31/93

Z	DO	Temp	pH*	COND*	2.4m
0	8.3	23.9	8.46	504	
5	8.3	23.9			
10	8.1	23.5			
* 15	7.6	23.0	8.48	510	
20	7.6	23.0			
25	2.5	21.2			
30	0.3	19.3			
35	0.2	16.1			
40	0.2	14.9			
45	0.2	14.0	7.68	593	
50					
55					
60					

\* PH AND COND MEASUREMENTS MADE ON 8-25-93 (1:30 pm)



Lac Labelle  
~~Lake Lab~~

WIND 0-7 SW  
TIME: 1 pm  
TEMP: 75 OF

Z(ft)	D.O.	Temp	pH	COND	SECHI
0	8.4	20		527	40m
5	8.2	19.5			
10	8.2	19.5			
15	7.3	19			
20	7.5	18			
25	6.6	17			
30	5.6	15	8.3	542	
35	4.1	13			
40	2.2	13			
45	1.2	13	8.1	563	
<del>50</del>	<del>1.0</del>	<del>13</del>			
<del>55</del>	<del>1.0</del>	<del>13</del>			

Date		2-17-93	
Lake	LAC LA BELLE	Time	12:00
County	WAUKESHA Co.	Lake Acreage	1,164
Storet Number	6 8 3 1 2 5	Maximum Depth	45 Ft.
Water Body Number	0 8 4 8 8 0 0	Air Temperature	5°C
Station Location	Maximum depth		

Light Penetration Station	Secchi Disc Depth in Meters
	6.0

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	11.3	0.80	8.3	325				
	5	12.0	1.8						
★	10	9.0	2.5	8.3	305				
	15	9.6	2.9						
	20	9.0	2.8						
	25	8.1	2.2						
	30	7.5	2.1						
	35	5.2	2.5	8.3	314				
	40								
	45								

Wind Speed and Direction	NW 25-30	Cloud Cover	0%
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Macrophyte Sampling Information	Ice 14"	Snow ≥1"	100% Cover
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Additional Comments or Remarks

D.O PROFILE UNRELIABLE BAD MEMBRANE

Lake La Belle

0900

9-3-97

Z	D.O	T °C	COND	ph	Secchi Disk - 2.0 m		
0	8.3	15.5	500	8.4			
5	8.3	15.5					
10	8.3	15.5					
15	8.2	15.5					
20	8.2	15.5					
25	8.1	15.0					
30	8.1	15.0					
35	7.9	14.0					
37	1.7	11.5	510	8.0			





Date		15 Jun 92	
Lake	LAC LA BELLE	Time	1506 - 1520
County	WAUKESHA Co.	Lake Acreage	1,164
Storet Number	6 8 3 1 2 5	Maximum Depth	45 Ft.
Water Body Number	0 8 4 8 8 0 0	Air Temperature	
Station Location	Maximum depth		

Light Penetration Station	Secchi Disc Depth in Meters	2.1	water height 12 cm
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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	13.1	18.1	7.1				
	5	12.9	18.1					
	10	12.5	18.1					
	15	12.6	17.0					
	20	13.3	12.7	7.2				
	25	9.4	10.4					
	30	6.8	9.0					
	35	4.9	8.0					
	40	4.3	7.1					
	45	9.1	7.0	7.2				

Wind Speed and Direction	East 15-20	Cloud Cover	100%
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Macrophyte Sampling Information			
Z(ft)	cond	33 uhv	32 mhos
0	461		0.477
20	470		0.477
45	485		0.471

Additional Comments or Remarks

DO meter would not calibrate note 10.8  
off by 2.0 ppm calibrate 8.8

Apply correction factor of -2.0

Date		4-13-92		
Lake	LAC LA BELLE		Time	12:45
County	WAUKESHA Co.		Lake Acreage	1,164
Storet Number	6 8 3 1 2 5		Maximum Depth	45 Ft.
Water Body Number	0 8 4 8 8 0 0		Air Temperature	
Station Location				
Maximum depth				

Light Penetration Station	Secchi Disc Depth in Meters	3.3 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	14.0	3.5	8.4	COLD 410				
	5	13.8	3.5						
	10	13.8	3.5						
	15	13.6	3.5						
	20	13.6	3.5						
	25	13.6	3.5						
	30	13.5	3.5						
	35	13.5	3.5						
	40	13.5	3.5						
	45	13.3	3.5	8.4	410				

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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Lac La Bèche

6-18-91

11:20

	D.O	T°	pH	Cond	2.0m	Secchi				
0	8.4	24.1	8.0	500						
5	8.6	23.4								
10	8.3	23.1								
15	8.0	21.6								
20	7.8	15.1								
* 25	4.9	11.9	7.7	400						
30	3.1	10.9								
35	0.9	10.1								
40	0.6	10.0								
43 45	0.6	10.0	7.6	570						

		Date	4-25-91
Lake	LAC LA BELLE	Time	3:00 p.m.
County	WAUKESHA Co.	Lake Acreage	1,164
Storet Number	<u>6</u> <u>8</u> <u>3</u> <u>1</u> <u>2</u> <u>5</u>	Maximum Depth	45 Ft.
Water Body Number	<u>0</u> <u>8</u> <u>4</u> <u>8</u> <u>8</u> <u>0</u> <u>0</u>	Air Temperature	60°

Station Location  
Maximum depth

Light Penetration Station	Secchi Disc Depth in Meters
	3.0 M

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

Unit ft./m	Depth	D.O.	Temp.	pH
	0	10.6	11	
	5	10.6	11	
	10	10.4	11	
	15	10.6	10	
	20	10.4	9.5	
	25	10.2	9.5	
	30	10.0	9.0	
	35	10.0	9.0	
	40	9.0	8.5	
	42	8.4	8.5	
	45	Bottom		

Depth	D.O.	Temp.	pH

Wind Speed and Direction	Cloud Cover
10-15 mph South	100% Cloud Cover

Macrophyte Sampling Information

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Additional Comments or Remarks

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Date		3-4-91	
Lake	LAC LA BELLE	Time	12130
County	WAUKESHA Co.	Lake Acreage	1,164
Storet Number	6 8 3 1 2 5	Maximum Depth	45 Ft.
Water Body Number	0 8 4 8 8 0 0	Air Temperature	
Station Location	Maximum depth		

Light Penetration Station	Secchi Disc Depth in Meters	.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	Depth	D.O.	Temp.	pH
	0	10.8	1°C	7.95	.253				
	5	13.6	2.5°						
	10	13.4	2.9°						
	15	13.6	3.2°						
	20	12.8	3.0°						
*	25	10.4	2.5°	7.8	.385				
	30	10.2	2.2°						
	35	6.6	2.2°						
	40	6.2	2.2°	7.7	.426				

Wind Speed and Direction	Cloud Cover	20%
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Macrophyte Sampling Information

Ice 16"

Snow 0%

Additional Comments or Remarks



Date		23 AUG 90	
Lake		LAC LA BELLE	
County		WAUKESHA Co.	
Storet Number		6 8 3 1 2 5	
Water Body Number		0 8 4 8 8 0 0	
Time		11:00	
Lake Acreage		1,164	
Maximum Depth		45 Ft.	
Air Temperature			

Station Location  
Maximum depth

Light Penetration Station	Secchi Disc Depth in Meters
	7.25m

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

Unit ft./m	Depth	D.O.	Temp.	pH	Depth	D.O.	Temp.	pH
	0	7.8	22.3	8.6				
	5	7.7	21.9					
	10	7.4	21.5					
	15	7.1	21.5					
	20	6.9	21.2					
	25	6.4	21.2					
*	30	1.2	19.7	8.5				
	35	0.0	15.5					
*	40	0.0	13.5	7.6				

Wind Speed and Direction	Cloud Cover
SW - 0-3 mph	10%

Macrophyte Sampling Information

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Additional Comments or Remarks

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Date	07-23-90
Lake	LAC LA BELLE
Time	12:30
County	
Lake Acreage	
Storet Number	
Maximum Depth	44 ft.
Water Body Number	
Air Temperature	22°C

Station Location

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Light Penetration Station	Secchi Disc Depth in Meters
	1.7 M

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

Unit ft./m	Depth	D.O.	Temp.	pH
	0	10.4	23	
	5	10.4	23	
	10	9.4	22	
	15	7.7	22	
	20	5.6	21	
	21	4.2	20	
	30	0.6	18	
	35	0.6	18	
	40	0.5	18	
	44			

Depth	D.O.	Temp.	pH

Wind Speed and Direction	Cloud Cover
N-NE - 5mph	65%

Macrophyte Sampling Information

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Additional Comments or Remarks

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MID - 30'  
MAX  
40'

Date	25 June 1990
Lake	LAC LABELLE
Time	11:45
County	WAUKESHA
Lake Acreage	1164
Storet Number	
Maximum Depth	40'
Water Body Number	0848800
Air Temperature	24.5°C

Station Location

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Light Penetration Station	Secchi Disc Depth in Meters
	1.7m

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

Unit ft./m	Depth	D.O.	Temp.	pH	Depth	D.O.	Temp.	pH
	0	9.2	20.5	8.06				
	5	9.6	20.5					
	10	8.5	20.0					
	15	7.9	19.0					
	20	7.3	18.5					
	25	7.1	18.5					
33' MID →	30	6.2	18.0					
	35	1.0	13.0	7.65				
307 →	37	1.0	12.5	7.34				
	32.5	5.4	17.0					

Wind Speed and Direction	Cloud Cover
10 W	10%

Macrophyte Sampling Information

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Additional Comments or Remarks

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		Date	4/18/90
Lake	LAC LA BELLE	Time	10:05
County	WAUKESHA Co.	Lake Acreage	1,164 <i>Staff Gauge 1.4</i>
Storet Number	<u>6 8 3 1 2 5</u>	Maximum Depth	45 Ft.
Water Body Number	<u>0 8 4 8 8 0 0</u>	Air Temperature	6°C
Station Location	Maximum depth		

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	COND.	Depth	D.O.	Temp.	pH
	0 ft	12.5	6.5	8.5	378				
	5	12.5	6.5						
	10	12.5	6.5						
	15	12.5	6.5						
	20	12.4	6.5						
	25	12.5	6.5						
	30	12.4	6.5						
	35	11.9	6.5	8.5	378				

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

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Additional Comments or Remarks

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Date	6 MAR 90
Lake	Lac La Belle
Time	0930
County	Waukesha
Lake Acreage	1.164
Storet Number	683125
Maximum Depth	45
Water Body Number	0848800
Air Temperature	25°F

Station Location  
Deep hole

Light Penetration Station	Secchi Disc Depth in Meters
	3.7 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
X	1	12.0	4	8.1	360				
	5	12.4	4						
	10	12.0	3.5						
	15	11.0	3.0						
X	20	10.4	3.0	8.0	400				
	25	8.8	3.0						
	30	8.9	3.0						
	35	6.5	3.0						
X	40	4.7	3.5	7.8	470				
	42	2.5	3.5						

Wind Speed and Direction	15 E	Cloud Cover	0%
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Macrophyte Sampling Information

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Additional Comments or Remarks

18" ice, little snow

Water somewhat green

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Date	8-22-89
Lake	La Belle
Time	1127
County	
Storet Number	
Water Body Number	
Lake Acreage	
Maximum Depth	
Air Temperature	

Station Location

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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	COND
*	0	7.5	23.5	8.65	500					
	5	7.5	23.25							
	10	7.5	23.25							
	15	6.8	23.0							
	20	5.8	22.25							
X	25	3.6	21.50	8.25	500					
	30	1.0	19.50							
	35	0.2	15.75							
	40	0.1	15.50							
*	45	0.1	15.50	7.95	525					

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

Macrophyte Sampling Information

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Additional Comments or Remarks

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Date	7-26-89
Lake	LAC LA BELLE
Time	1:35 PM
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
	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	8.8	26.1	8.55	452				
	5	8.8	25.0						
	10	8.2	23.2						
	15	7.4	21.8						
	20	6.0	21.0						
*	25	3.4	19.9	8.2	470				
	30	0.4	16.8						
	35	0.4	14.2						
	40	0.4	13.1						
	45	0.3	12.9	7.8	482				

Wind Speed and Direction	Cloud Cover
NW, 0-5	60%, HAZY (THUNDER)

Macrophyte Sampling Information

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Additional Comments or Remarks

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Date	6-28-87
Lake	Lake La Belle
Time	12:50
County	
Storet Number	
Water Body Number	
Lake Acreage	
Maximum Depth	
Air Temperature	

Station Location

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Light Penetration Station	Secchi Disc Depth in Meters
	1.8

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	8.6	24.4	8.55	500				
	5	8.6	24.4						
	10	8.5	24.4						
	15	8.5	22.2						
*	20	6.5	18.0	8.7	450				
	25	3.8	17.0						
	30	2.0	15.9						
	35	0.2	13.5						
	40	0.2	12.2						
*	45	0.2	11.8	7.9	530				

Wind Speed and Direction	Cloud Cover
	0%

Macrophyte Sampling Information

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Additional Comments or Remarks

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Date		4-27-89		
Lake	LAC LA BELLE		Time	12:45
County	WAUKESHA Co.		Lake Acreage	1,164
Storet Number	6 8 3 1 2 5		Maximum Depth	45 Ft.
Water Body Number	0 8 4 8 8 0 0		Air Temperature	
Station Location	Maximum depth			

Light Penetration Station	Secchi Disc Depth in Meters
	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
	0	11.4	13.0	8.05	285				
	5	11.5	13.0						
	10	11.5	12.9						
	15	11.7	11.5						
	20	11.8	10.5						
	25	11.0	9.9						
	30	10.8	9.7						
	35	10.7	9.5						
	40	9.4	9.0						
	45	8.6	8.5	8.0	405				

Wind Speed and Direction	Cloud Cover
0-7 SE	30%

Macrophyte Sampling Information

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Additional Comments or Remarks

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Date	2-21-89
Lake <i>Lac La Belle</i>	Time 3:45
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>4.0 m</i>
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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	12.3	1.0	7.6	325				
	5	12.5	3.9						
	10	12.6	4.1						
	15	12.0	4.2						
	20	12.0	4.3						
	25	10.7	4.8						
*	30	8.8	3.7	7.7	312				
	35	7.6	3.8						
SAMPLE @ 40'	40	5.9	4.0	7.3	415				
*	45	0.9	4.5						

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

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Additional Comments or Remarks

*ICE THICK 0.4m*

*SNOW 100% 4-5 IN*

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Date	8-23-88
Lake	Lac La Belle
Time	11:20
County	Waukesha
Lake Acreage	
Storet Number	
Maximum Depth	45'
Water Body Number	
Air Temperature	
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	7.0	24.0	8.55	490				
	5	7.0	24.0						
	10	7.2	24.0						
	15	7.8	24.0						
	20	7.6	24.0						
	25	7.9	23.5						
*	30	2.2	21.0	8.1	505				
	35	.2	14.0						
	40	.2	12.0						
*	44	.1	12.0	7.6	600				

Wind Speed and Direction	7-12 NW	Cloud Cover	5%
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Date	7-18-84
Lake	Lac La Belle
Time	12:00
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	2.7
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	<del>DO</del> pH	Depth	D.O.	Temp.	pH
X	0	8.1	26.2	500 6.55				
	5	8.0	26.2					
	10	7.8	25.9					
	15	7.3	25.0					
	20	5.6	22.7					
X	25	2.1	20.2	500 8.3				
	30	0.3	16.1					
	35	0.1	13.0					
	40	0.1	12.0					
X	43	0.1	11.6	500 7.75				

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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Date	4-14-88
Lake	LAC LA BELLE
Time	12:20
County	
Storet Number	
Water Body Number	
Station Location	

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	
	0	11.4	11.0	8.1	420
	5	11.9	10.5		
	10	11.9	10.5		
	15	11.9	10.5		
	20	11.9	10.4		
	25	11.9	10.3		
	30	11.8	10.3		
	35	11.3	10.0		
	40	4.6	9.5	8.1	420
	<del>45</del>				

Wind Speed and Direction	Cloud Cover
	70%

Macrophyte Sampling Information

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Additional Comments or Remarks

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Date		2-17-88		
Lake	LAC LA BELLE		Time	10:30
County	WAUKESHA Co.		Lake Acreage	1,164
Storet Number	6 8 3 1 2 5		Maximum Depth	45 Ft.
Water Body Number	0 8 4 8 8 0 0		Air Temperature	
Station Location				
Maximum depth				

Light Penetration Station	Secchi Disc Depth in Meters
	5.0 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
*	0	12.2	0.0	8.1	340				
	5	12.1	2.0						
	10	13.2	3.2						
	15	13.4	3.9						
*	20	12.1	3.2	8.1	359				
	25	10.7	3.0						
	30	8.8	2.4						
	35	9.0	2.2						
	40	7.1	2.9						
*	44	0.3	3.8	7.7	410				

Wind Speed and Direction	Cloud Cover
	0%

Macrophyte Sampling Information

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Additional Comments or Remarks

Lorz 43 07.49 N ICE 0.4 SNOW  $\bar{x} = 4$  100%

88 30.95 W

Date	19 Aug 87
Lake	Lac Labelle
County	Waukesha
Storet Number	
Water Body Number	
Time	1015
Lake Acreage	
Maximum Depth	
Air Temperature	

Station Location

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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
*	1	7.5	24.0	8.6	310				
	5	7.5	24.0						
	10	7.5	23.8						
	15	7.6	23.8						
	20	7.7	23.8						
	25	5.0	23.2						
*	30	0.2	18.5	8.2	330				
	35	0.1	14.5						
*	39	0.1	13.5	7.6	345				

Wind Speed and Direction	Cloud Cover
	10 %

Macrophyte Sampling Information

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Additional Comments or Remarks

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	Date 7-22-83
Lake Lake Bell	Time 12:20
County WAUK	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 2.0
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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	5.6	28.0	8.45	358				
	5	8.7	27.0						
	10	8.4	26.2						
	15	7.3	25.4						
*	20	5.1	23.5	8.2	390				
	25	1.2	20.9						
	30	0.1	16.8						
	35	0.1	14.0						
	40	0.1	13.2						
2	45	0.1	13.2	7.8	420				

Wind Speed and Direction	Cloud Cover 0%
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Macrophyte Sampling Information

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Additional Comments or Remarks

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	Date 4 June 87
Lake Lac La Poudre	Time 1115
County Windsor	Lake Acreage
Storet Number	Maximum Depth 45
Water Body Number	Air Temperature 60 °F
Station Location	

Light Penetration Station	Secchi Disc Depth in Meters 1.7
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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	7.1	22.6	7.9	405	74			
5	7.2	22.5						
10	7.1	21.8						
15	6.8	20.3						
20	5.6	16.3						
25	4.7	15.3						
30	2.0	13.7	7.8	415				
35	0.5	12.7						
40	0.7	12.3						
* 43	0.2	12.4	7.7	425				

Wind Speed and Direction 0-5 SW	Cloud Cover 0-5% light haze
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Macrophyte Sampling Information  
N/A

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Additional Comments or Remarks

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Date 7 Apr 87	
Lake LAC LA BELLE	Time 1130
County WAUKESHA Co.	Lake Acreage 1,164
Storet Number 6 8 3 1 2 5	Maximum Depth 45 Ft.
Water Body Number 0 8 4 8 8 0 0	Air Temperature
Station Location Maximum depth 45 ft	

Light Penetration Station	Secchi Disc Depth in Meters 2.7
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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	11.9	7.3	6.3	X360				
	5	11.9	7.2						
	10	12.0	6.5						
	15	11.5	6.5						
	20	11.5	6.5	6.3	X350				
	25	11.8	6.3						
	30	11.8	6.3						
	35	11.7	6.3						
	40	11.7	6.2						
B	45	11.5	6.2	6.3	X355				

Wind Speed and Direction 0-5 NW	Cloud Cover 5-10 light haze
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Macrophyte Sampling Information

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Additional Comments or Remarks

Wind switch from NW this morning.  
slight chop

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	Date 2/25/87
Lake LAC LA BELLE	Time 11:55
County WAUK CO	Lake Acreage
Storet Number 683125	Maximum Depth
Water Body Number	Air Temperature

Station Location  
N 43 07.53 W 88 31.08

Light Penetration Station	Secchi Disc Depth in Meters 4.0 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
*	1.0'	9.8	3.0	7.4	361				
	5	11.0	4.0						
	10	11.6	4.0						
	15	12.0	4.0						
	20	11.6	4.0						
*	25	9.3	3.5	7.28	430				
	30	8.6	3.4						
	35	8.0	3.5						
	40	3.8	4.0						
* BOT 47	45	0.5	4.5	7.2	457				

Wind Speed and Direction	Cloud Cover 30%
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Macrophyte Sampling Information

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Additional Comments or Remarks

Lake S Aerator

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Date 7-10-86	
Lake LAC LA BELLE	Time 0815
County WAUKESHA Co.	Lake Acreage 1,164
Storet Number 6 8 3 1 2 5	Maximum Depth 45 Ft.
Water Body Number 0 8 4 8 8 0 0	Air Temperature

Station Location  
Maximum depth

Light Penetration Station	Secchi Disc Depth in Meters 2.1
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Lake Stratification: Sampling for D.O. (ppm) and Temperature (°C)

Unit ft./m	Depth	D.O.	Temp.	pH	
	0	8.7	24.2	8.5	438
	5	8.3	24.3		
	10	8.2	24.4		
	15	7.3	23.6		
	20	6.5	22.5		
	25	3.6	22.0	8.4	2119
	30	3.3	19.1		
	35	3.3	15.5		
	40	3.3	14.2		
Borson	45	3.3	14.0	7.8	2119

Wind Speed and Direction	Cloud Cover 90 %
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Macrophyte Sampling Information

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Additional Comments or Remarks

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Time 1200

SUNNY 0% Cloud  
Temp 70°C WIND  
S-10SW

06-25-86

LADDA BELLE LK

Z	TEMP	D.O	CONDUCT.	PH				
0	21.5	8.2	460	8.5				
5	21.5	8.2						
10	21.3	8.25						
15	21.0	7.9						
20	20.5	7.2						
25	18.9	3.8	460	8.4 (2.5m)				
30	17.0	0.85						
35	15.0	0.20						
40	13.9	0.15						
45	13.8	0.10	480	7.8				

2.27M

Date	4-21-86
Lake	LAC LA BELLE
Time	15:00
County	WAUKESHA
Lake Acreage	1164
Storet Number	683125
Maximum Depth	45'
Water Body Number	
Air Temperature	

Station Location  
deepest part of LAKE

Light Penetration Station	Secchi Disc Depth in Meters
	1.5m

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

Unit	Depth	D.O.	Temp.	pH	Cond	Depth	D.O.	Temp.	pH
m	0	11.8	9.8	8.2	340				
ft./m	1.5	11.3	9.8						
	3.0	11.2	9.8						
	4.5	11.2	9.8						
	6.1	11.0	9.7						
	7.6	11.0	9.7						
	9.1	10.9	9.7						
	10.6	10.9	9.3						
Bottom	11.5	10.8	9.3	8.4	345				

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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