

SURVEY Lower Eau Claire Lake

DATE March 7, 1989

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
LEC	Deepend Section	13:00	0	0	14.1	7.5	Alga TP
			1	0	14.0		
			2	1	14.0		70% Algal
			3	1.8	13.8		Wind S 15-20 mph
			4	2.0	13.6		Temp 25
			5	2.1	12.8		
			6	2.7	10.8		Plankton - 2 m Collected
			7	3.1	8.1		2 1/2 Sec
			8	3.8	5.8		10' Sam + Count
			9	4.0	3.7		
			10	4.3	1.1		
			11	5.0	0.2		
			12	5.5	0.1	7.2	TP
			12.3	Bottom			

SURVEY Lower Eau Claire

DATE May 2, 1989

STA. NO.	LOCATION	TIME	M DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
LEC	Deepend Section	13:30	0	6.0	11.0	7.6	Chem Nutri Met SLP Chlor
			1	6.0	11.0		
			2	6.0	11.0		
			3	6.0	11.0		
	80% Cloud Cover		4	6.0	11.0		
	Wind N 10-15 mph		5	6.0	11.0		
	60 °F Air temp		6	5.4	10.3		
	Secchi 3.0 Meters		7	5.4	10.3		
			8	5.4	10.3		
			9	5.2	9.3		
			10	5.1	7.1		
			11	5.1	4.4	7.3	Chem Nutri SLP Met
			11.8	Bottom			

SURVEY Lower Eau Claire

DATE May 2, 1989

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
Transect #1	at 4'		off 5' lead below house				60% Sand 40% Detritus
	15'						30% Silts 60% Sand 10% Detritus
	29'						80% Muck 10% Detritus
Transect #3	Off green boat house to south of Pich Cabin						
	29'						90% Muck 10% Detritus
	15'						30% Muck 40% Sand 30% Detritus
	4'						40% Silt 50% Sand 10% Detritus
Transect #2	Off Brown boat house in clearing below trailer						
	29'						100% Muck
	15' ✓						40% Sand 20% Silt 40% Algae
	4' ✓						30% Macrophytes 40% Sand 30% Silt

SURVEY Lower Eau Claire

DATE June 20, 1939

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
LEC	Deepest Section	9:50	0	20.0	9.5	8.1	TP Chloro
			1	20.0	9.5		
			2	20.0	9.5		
			3	19.8	9.5		
			4	18.0	9.9		
			5	16.8	9.8		
	Secchi 7.0 meters		6	16.0	9.6		
	rechecked		7	15.8	9.2		
			8	15.0	7.3		
	Wind SW at 15-20 mph		9	14.4	2.4	7.3	Sample at 9 meters TP
	Temp 75°		10	12.6	1.4		
	10% cloud cover		11	12.0	0.8	7.2	Sample at 11 meters TP
			11.5	Bottom			

Lower Eau Claire July 18, 1989

11:15 AM

100% cloud cover

Rain

Secchi Disk:

4.6 M

Wind: ENE

5 mph

M	Temp	DO	
0	22.8	8.5	TP, chlor a
1	22.8	8.5	
2	22.8	8.5	
3	22.8	8.5	
4	22.8	8.5	
5	22.0	8.3	
6	20.7	8.2	
7	19.1	7.3	
8	17.3	4.2	
9	15.8	0.2	TP
10	14.8	0.2	
11	13.9	0.2	
12	13.4	0.1	TP,
12.4	Bottom		

pH 0.5 meters 8.4

9 meters 7.3

12 meters 7.1

