

SURVEY Lower Eau Claire Lake - Douglas Co

DATE 4/22/87

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
LFC	Over deepest section	10:00	41' ^{at depth of timber} 0	10.4	11.2	7.8	Sample
			1	10.4	11.3		
			2	10.3	11.3		Secchi = 6.8 M
			3	10.3	11.4		50% cloud cover
			4	10.3	11.4		WE @ 10 mph
			5	10.3	11.4		air Temp 24.5 °F
			6	10.3	11.4		
			7	10.2	11.4		
			8	10.0	11.4		
			9	9.8	11.5		
			10	9.4	10.0		
			11	9.4	10.0	7.8	Sample
			12	9.0	BOTTOM		
			13				
EC1	Barthos 295° off small shed next to shore, below house on hill	9:00	4'				85% sand, 15% detritus
			15'				100% sand, mesophyte present
			29'				100% muck

No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
LEC 2	Barthos	9:20	29'				100% mud
	1.15° off white bathhouse		15'				100% sand
	to south of pink cabin		3'				100% sand
	photo #9						
LEC 3	Barthos	9:45	29'				95% mud, 5% detritus
	300° off small		15'				100% sand
	white shed in clearing		3'				100% sand, with Eteobania
	next to shore						

SURVEY Lower Eau Claire Lake

DATE June 18, 1987

STA. No.	LOCATION	TIME	DEPTH M	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
LFC	Over deepest section	11:20	0	25	8.7	8.5	0.5 sample collected
			1	24	8.8		
			2	21	8.9		
			3	24	9.0		
			4	22	9.6		
			5	20	9.7		
			6	19	9.2		
			7	18	8.1		
			8	17	6.3		
			9	15	2.3	7.6	sample collected
			10	15	1.2		
			11	14	0.7		
			12	14	0.2	7.3	sample collected
			12.25	Bottom			
							20% cloud cover
							Secchi 7.0 Meters
							Wind SW 8-10 mph

SURVEY Lower Eau Claire

DATE July 15, 1987

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
LEC	Over depth section	10:30	0	22.0	8.1	8.4	Sample
			1	22.0	8.1		
			2	22.0	8.1		
			3	22.0	8.1		
			4	22.0	8.1		
			5	22.0	8.1		
			6	21.2	6.3		
			7	21.0	4.8		
			8	19.0	1.2	7.7	Sample
			9	17.0	0.2		
			10	16.1	0.1		
			11	15.5	0.1		
			12	15.0	0.1	7.3	Sample
			12.5	Bottom			
							Secchi 4.4 M
							Wind 0-5 mph from South
							10% Cloud Cover
							Temp 75°
							Plankton 200 collected

SURVEY Lower East Channel

DATE Aug 18, 1950

STA. No.	LOCATION	TIME	M DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
LFC	Open channel section	10:50	0	23.0	8.7	8.6	Sample
			1	23.0	8.7		
			2	23.0	8.7		Secchi 1.9 M
			3	23.0	8.7		50% Cloud Cover
			4	22.0	8.5		Wind Wed 10 mph
			5	23.0	8.5		Temp 10°
			6	23.0	8.7		
			7	22.9	8.2		
			8	22.2	6.3		
			9	20.6	0.5		
			10	17.5	0.2	7.6	Sample
			11	16.6	0.2		
			12	16.0	0.2	7.4	Sample
			12.5	Bottom			