

SURVEY Upper Eau Claire L.DATE Sept. 4, 1986

No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
	Deep silt	13:10	0	19.5	8.7	8.4	Sample
			1	19.5	8.7		
			2	19.5	8.7		Secchi = 5.6 M
			3	19.5	8.7		20% cloud cover,
			4	19.5	8.7		NW winds 15-25 mph
			5	19.5	8.7		air $\approx 60^{\circ}\text{F}$
			6	19.5	8.7		
			7	19.5	8.7		
			8	19.5	8.7		
			9	19.5	8.7		
			10	19.3	8.7		
			11	16.0	5.3		
			12	14.0	2.3		
			14	11.5	0.6		
			16	10.5	0.5	7.3	SAMPLE
			18	10.3	0.4		
			20	10.0	0.4		
			22	10.0	0.3		
			24	9.7	0.3	7.3	SAMPLE
			25.5	- BOTTOM			

SURVEY Upper Eau Claire L. (Ambient h.)

DATE July 16, 1985

STA. No.	LOCATION	TIME	M DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
1 EC	Over Deepcast Section	7:40	0	21.5	10.6	8.6	
			0.5				Sample
			1	21.5	10.6		
			2	21.4	10.5		100% Cloud Cover
	Sampled Zone + Phyto		3	21.3	10.5		Wind E 5mph
			4	21.3	10.5		Hazy Temp 70°
			5	21.3	10.5		
			6	20.8	10.5		Seeds 6.5 M
			7	20.5	10.4		
			8	19.5	10.8		
			9	16.4	9.1		
			10	13.7	8.7	8.2	Sample
			11	12.5	7.7		
			12	12.0	5.8		
			13	11.5	5.6		
			14	11.1	5.1		
			15	10.6	3.9		
			16	10.5	2.9		
			18	10.3	1.4		
			20	10.2	0.7		
			22	10.1	0.6		
			24	10.0	0.5		
			26	10.0	0.5	7.1	Sample
			27	Bottom			

SURVEY Upper Eau Claire Lake - Bayfield Co

DATE 2/3/87

No.	LOCATION	TIME	DEPTH M	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
	<u>Over deepest section</u>	14.4	25	—	BOT	m	ice ~16" snow 2.5" air temp 22°F
			24	3.5	0.7	7.4	Sample
			22	3.2	4.8		
			20	3.0	5.3		
			18	3.0	6.2		
			16	3.0	7.6		
			14	2.9	8.5		
			12	2.9	8.5		
			10	2.7	8.4		
			8	2.5	8.4		
			6	2.4	8.5		
			4	2.3	8.7		
			2	2.2	9.0		
			0	1.2	9.7	7.4	sample 2.1M "under ice"

SURVEY Upper Eau Claire Lake

DATE 4/22/87

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Over deepest section	14:35	0	10.0	11.2	7.8	Sample
			2	9.8	11.3		
			4	9.2	11.2		
			6	9.0	11.2		
			8	8.7	11.2		Scabi = 7.9
			10	7.8	11.2		10% cloud cover, NE wind
			12	6.7	9.5		0.5 mph, air 55°F
			14	6.3	9.2		
			16	6.1	9.0		
			18	6.0	9.0		
			20	6.0	8.9		
			22	5.9	8.7		
			24	5.7	8.2		
			26	5.5	7.7	7.6	sample
			26.5	- Bottom			



SURVEY Upper Eau ClaireDATE July 15, 1987

STA. NO.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepnet Section	8:20	0	21.8	8.5	8.6	Sample
			2	21.8	8.5		
			4	21.8	8.5		
			6	21.8	8.6		
			7	20.0	10.6		
			8	16.0	12.0		
			10	13.0	10.0		
			12	11.2	7.3		
			14	9.5	3.6	7.5	Sample
			16	8.7	1.6		
			18	8.2	0.7		
			20	8.0	0.3		
			22	8.0	0.2		
			24	8.0	0.2		
			26	7.9	0.1	7.1	Sample
			26.5	Bottom			
							Coocchi 5.7 M
							15% Ch. & Cone
							Wind NE 10-15 mph
							Temp 60°
							Phyto + Zoo collected

SURVEY Upper Eau Claire

DATE Aug 18, 1987

STA. No.	LOCATION	TIME	M DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
FC	Open deepwater section	8:00	0	22.8	8.4	8.5	Sample
			2	22.4	8.3		
			4	22.4	8.3		
			6	22.4	8.2		Secchi 5.5 M
			8	22.4	8.2		
			9	19.0	8.8		
			10	15.5	8.6	8.3	Sample
			12	11.5	5.7		
			14	10.0	1.2		
			16	8.7	0.2		
			18	8.0	0.1		
			20	7.9	0.1		
			22	7.9	0.1		
			24	7.9	0.7		
			26	7.8	0.1	7.2	Sample
			26.5	Bottom			
							Wind West 5-10 mph
							Temp 65°
							20% Cloud Cover
							Phytoplankton - Collected

SURVEY Upper East Coast L - Bayfield Co

DATE Feb 17, 1988

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	At Deepst Section	9:30	0	0	12.2	7.8	Sample at 0.5 M
			1	0.8	11.6		TPs Chl a
			2	1.5	10.3		
			3	1.7	10.0		
			4	1.9	9.6		100% Cloud Cover
			5	1.9	8.8		Ice 2'
			6	1.9	8.5		Crust 8"
			7	2.0	9.1		
			8	2.0	9.4		
			9	2.0	9.6		
			10	2.0	9.6		
			11	2.0	9.4		
			12	2.1	9.3		
			13	2.1	9.2		
			14	2.2	9.1		
			15	2.3	8.9		
			16	2.3	8.6		
			17	2.4	8.3		
			18	2.5	7.8		
			19	2.7	7.2		
			20	2.7	6.7		
			21	2.8	6.4		
			22	2.8	5.9		
			23	2.9	5.2		
			24	3.0	4.3		
			25	3.0	1.7		
			26	3.5	0.5	7.4	Sample at 2.6 M
			26.3	Bottom	sm		





SURVEY Upper Eau Claire Lake - Bayfield Co

DATE June 15, 1988

STA. NO.	LOCATION	TIME	M DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
VEC	At Deep out Section	10:00	0	21.2	8.4	8.4	Sample at 0.5M
			1	21.2	8.4		
			2	21.2	8.4		
			3	21.2	8.4		
			4	21.2	8.4		
			5	21.0	8.4		
	Replace Membrane		6	21.0	8.4		
	on DO Meter in		7	18.1	9.5		
	the Field —		8	13.0	9.6	8.1	Sample
	Suspect Membrane		9	11.5	9.9		
	Leakage Due to		10	10.2	10.2		Secchi 6.8 Meters
	Water Pressure		11	8.9	10.2		60% Cloud Cover
			12	8.0	10.0		Wind North @ 10-15 mph
	Had to run profile		13	7.5	9.2		Temp 20°
	twice		14	7.1	9.0		
			15	7.0	8.4		
			16	7.0	7.7		
			17	7.0	7.3		
			18	7.0	7.1		
			19	7.0	6.8		
			20	7.0	6.5		
			21	7.0	6.4		
			22	6.9	6.3		
			23	6.9	6.3		
			24	6.9	6.2		
			25	6.8	6.0		
			26	6.8	5.7	7.3	Sample at 0.6 M - Daphnia present in bottom sample.
			26.5	Bottom			

SURVEY Upper Eau Claire Lake

DATE Aug 16, 1988

No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
1 FC	At deepest section	13:00	0	25.0	8.3		Sample TP 10m
			1	25.0	8.3		
			2	25.0	8.3		30% Clawl Corn
			3	25.0	8.3		Temp 90°
			4	24.0	8.4		Wind SW 10-15 mph
			5	24.0	8.3		Secchi 5.8 meters
			6	23.5	8.1		
			7	23.2	8.1		
			8	23.0	8.1		
			9	20.7	7.9		
			10	17.2	8.0		
			11	12.0	7.9		
			12	10.2	6.6	7.6	Sample at 12M TP
			13	9.2	5.4		
			14	8.7	4.1		
			15	8.0	2.8		
			16	7.8	1.9		
			17	7.6	1.3		
			18	7.4	0.7		
			19	7.1	0.4		
			20	7.0	0.3		
			21	7.0	0.2		
			22	7.0	0.2		
			23	7.0	0.2		
			24	7.0	0.2		
			25	7.0	0.1		
			26	7.0	0.1	7.0	Sample at 26M TP
			26.5	Bottom			

SURVEY Upper Eau Claire Lake

DATE March 7, 1989

TA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
1EC	Deepend Section	9:30	0	0	10.2	7.6	TP Chlor a
			1	1.0	9.6		
			2	2.0	8.2		
			3	2.3	7.9		
			4	2.4	7.9		Rechecked depths 1M
			5	2.5	8.0		thru 6 M after completing
			6	2.7	8.2		DO profile. Rechecked
			7	2.8	8.3		meter calibration in
			8	2.9	8.1		the man, Everything checked
			9	2.9	8.1		OK.
			10	2.9	8.1		
			11	2.9	8.1		
			12	3.0	7.7		TP + 200 collected
			13	3.0	7.1		
			14	3.0	6.5		
			15	3.0	6.2		
			16	3.0	6.2		
			17	3.0	4.5		
			18	3.0	3.9		Temp 10°
			19	3.0	3.2		
			20	3.0	2.6		Wind S 15-20 mph
			21	3.0	2.9		90% Cloud cover
			22	3.1	1.1		
			23	3.1	0.7		
			24	3.2	0.7		
			25	3.3	0.3	7.1	TP
			255	Bottom			

SURVEY Upper Eastlake Lake

DATE May 2, 1989

A. No.	LOCATION	TIME	W DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS	
EC	Deepst section	10:05	0	5.9	11.7	7.9	SAMPLE	
			1	5.9	11.7			
			2	5.8	11.7			
			3	5.7	11.7			
	Depth finder reads ~90'		4	5.5	11.7			
	60% cloud cover,		5	5.4	11.7			
	air temp ~ 45°F		6	5.3	11.5			
	NW wind @ ~ 5 mph		7	5.2	11.4			
	Secchi = 5.0 M. <i>hypo</i>		8	5.1	11.2			
	calm water		9	5.0	11.0			
			10	5.0	10.9			
			11	5.0	10.8			
			12	5.0	10.6			
			13	5.0	10.2			
			14	5.0	10.0			
			15	4.8	9.9			
			16	4.8	9.8			
			17	4.8	9.6			
			18	4.8	9.4			
			19	4.8	9.2			
			20	4.6	9.1			
			21	4.5	8.9			
			22	4.4	8.8			
			23	4.3	8.7			
			24	4.3	8.7			
			25	4.3	8.6	7.4	SAMPLE	
			25.3	- Bottom				

SURVEY Upper Eau Claire Lake

DATE June 20, 1989

TA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
1EC	Deepat Section	7:25	0	20.0	9.8	8.4	sample chn TP
			1	20.0	9.8		
			2	19.2	9.8		
			3	18.0	10.0		
			4	17.0	10.2		
			5	16.1	10.2		
			6	15.7	10.2		
			7	15.0	10.2		
		hypo	8	14.1	10.2		
			9	13.4	10.6		
	Sacchi 6.4 meters		10	10.2	10.8	8.1	sample at 10 meters TP
	5% Cloud Cover		11	9.0	10.8		
	Wind South at 10-15 mph		12	8.0	10.8		
			13	7.4	10.0		
			14	7.0	9.4		
			15	7.0	8.7		
	70° F		16	6.9	8.0		
			17	6.8	7.8		
			18	6.5	7.4		
			19	6.4	7.2		
			20	6.3	7.1		
			21	6.3	6.7		
			22	6.2	6.4		
			23	6.1	6.3		
			24	6.1	5.9		
			25	6.1	5.7	7.2	Sample at 25.5 meters TP
			26	Bottom			

SURVEY Upper Eau Claire L.

DATE July 18, 1989

NO.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
EC	Depth Section		0	23.0	8.7	8.6	chlor a, TP
			1	23.0	8.7		
			2	23.0	8.7		
			3	23.0	8.7		
			4	23.0	8.7		
			5	23.0	8.7		
	100% cloud cover		6	20.0	9.8		
	65° ENG wind		7	17.0	10.2		
	5-10 mph	hypo	8	15.8	10.1		
	Secchi Disk:		9	13.0	10.1		
	6.2 M		10	10.6	9.5	8.0	TP at 10 meters
			11	9.6	9.6	10	
			12	8.0	8.5		
			13	7.1	7.7		
			14	7.0	6.5		
			15	6.8	5.8		
			16	6.2	4.8		
			17	6.1	4.2		
			18	6.1	3.8		
			19	6.1	3.1		
			20	6.1	2.6		
			21	6.0	2.0		
			22	6.0	1.8		
			23	6.0	1.6		
			24	6.0	1.4		
			25	6.0	1.2		TP at 25 meters
			25.5	Bo Horn			

SURVEY Upper Eau Claire Lake

DATE Aug 23, 1989

STA. NO.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
DEC	Deepest Section	13:15	0	21.0	8.7	8.5	TP Chloro
			1	21.0	8.7		
			2	21.0	8.7		
			3	20.9	8.7		
			4	20.8	8.7		
			5	20.8	8.7		
	Secchi 6.4 meters		6	20.7	8.7		
	5% Cloud Cover		7	20.3	8.7		
	Wind NE 5-10 mph	hypo	8	18.8	8.9		
	Temp 75°		9	15.4	9.6		noted
			10	13.0	8.6		
			11	11.0	7.7		
			12	9.9	6.7		
			13	8.5	5.3		
			14	8.0	3.7	7.6	TP at 14 meters
			15	7.8	2.7		
			16	7.2	2.1		
			17	7.0	1.0		
			18	7.0	0.6		
			19	7.0	0.4		
			20	6.9	0.2		
			21	6.9	0.2		
			22	6.9	0.2		
			23	6.9	0.2		
			24	6.9	0.2		
			25	6.9	0.2		
			26	6.9	0.2		TP
			26.5	Bottom			



SURVEY Upper Eau Claire R.

DATE March 14, 1990

STA. No.	LOCATION	M TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UFC	Deepat Section	13:00	0	0	11.0	7.3	TP Char a
			1	1.8	10.0		
			2	2.2	9.5		
			3	2.5	9.3		50% Cloud Cover
			4	2.5	9.2		Ice 2ft
			5	2.6	9.2		No Snow Cover
			6	2.6	9.2		
			7	2.8	9.2		
			8	2.8	9.2		
			9	2.9	8.6		
			10	2.9	8.4		
			11	2.9	7.6		
			12	2.9	7.3		
			13	2.9	7.3		
			14	2.9	6.8		
			15	3.0	6.4		
			16	3.0	5.9		
			17	3.0	5.4		
			18	3.0	3.9		
			19	3.0	3.0		
			20	3.0	2.1		
			21	3.0	1.4		
			22	3.1	0.5		
			23	3.1	0.3		
			24	3.1	0.2		
			25	3.5	0.1		
			26	4.0	0.1		TP
			26.3	Bottom			

SURVEY Upper Eau Claire Lake

DATE April 18, 1990

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepend Section	6:30	0	4.0	11.3	7.8	Chem Met Water clear
			1	4.0	11.3		
			2	4.0	11.3		
			3	4.0	11.2		
			4	4.0	11.2		
			5	4.0	11.2		
			6	4.0	11.2		
			7	4.0	11.2		
			8	4.0	11.2		
			9	4.0	11.3		
			10	4.0	11.4		Secchi 4.2 Meters
			11		11.3		
			12	4.0	11.3		0% Cloud Cover
			13	4.0	11.3		
			14	4.0	11.2		Wind West 10 mph
			15	4.0	11.2		
			16	4.0	11.2		Temp 30°
			17	4.0	11.1		
			18	4.0	10.9		
			19	4.0	10.8		
			20	4.0	10.6		Phyto + Zoo Collected
			21	4.0	10.6		
			22	4.0	10.0		
			23	4.0	10.0		
			24	4.0	10.0		
			25	4.0	8.8		
			26	4.0	6.5	7.7	Chem Met Water
			26.5	Bottom			

SURVEY Upper East Chain L.

DATE June 19, 1990

STA. NO.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepest Section	7:15	0	17.5	11.0	8.3	TP ✓
			1	17.5	9.9		
			2	17.5	10.2		
			3	17.5	10.5		Secchi 5.2 M
			4	17.3	9.8		Wind SE 10 mph
			5	17.0	9.2		Temp 55°
			6	17.0	8.9		100% Cloud Cover
			7	16.5	8.5		
			8	16.0	8.4		
			9	12.5	8.4		
			10	11.1	8.3		
			11	10.4	7.9	7.8	TP at 11 meters
			12	10.0	7.4		
			13	9.2	6.7		
			14	9.0	6.3		
			15	8.6	5.9		
			16	8.5	5.5		
			17	8.2	5.2		
			18	8.0	4.9		
			19	8.0	4.6		
			20	8.0	4.4		
			21	8.0	4.2		
			22	8.0	4.0		
			23	8.0	3.9		
			24	8.0	3.8		
			25	8.0	3.7		
			26	7.9	2.4	7.3	TP
			26.5	Bottom			

SURVEY Upper Eau Claire L. - Bayfield Co.

DATE July 18, 1990

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepest Section	7:30	0	22.0	9.8	8.4	Chlora TP
			1	22.0	9.3		
			2	22.0	9.1		
			3	22.0	8.2		Secchi 5.8 meters
			4	22.0	7.0		10% Cloud Cover
	Note: DO profile seemed to show low oxygen levels. Note checked out ok + readings were double checked.		5	21.8	6.3		Wind West 3 mph.
			6	21.5	6.0		Temp 65°
			7	19.5	6.1		Collected Phyt + Zoo
			8	17.8	5.9		
			9	15.2	6.1		
			10	13.2	6.5		
			11	12.4	6.2		
			12	10.3	5.6		
			13	9.9	5.0	7.3	TP at 13 Meters
			14	9.0	3.7		
			15	8.7	2.3		
		16	8.4	1.5			
		17	8.2	1.1			
		18	8.1	0.8			
		19	8.1	0.7			
			20	8.0	0.5		
			21	8.0	0.4		
			22	8.0	0.4		
			23	8.0	0.3		
			24	8.0	0.3		
			25	8.0	0.3		
			26	8.0	0.3	6.8	TP
			26.5	Bottom			

SURVEY Upper Eau Claire L.  
 DATE Aug 21, 1990

STA. No.	LOCATION	TIME	M DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
VEC	Deepart Section	12:30	0	20.0	8.7	8.5	TP Chora
			1	19.5	8.7		
			2	19.3	8.7		
			3	19.2	8.6		
			4	19.2	8.6		
			5	19.2	8.6		
			6	19.1	8.6		
			7	19.1	8.6		
			8	19.0	8.6		
			9	19.0	8.3		
			10	17.8	8.1		
			11	13.8	4.9		
			12	11.0	1.8		
			13	10.2	0.7		
			14	9.9	0.2	7.2	TP at 14 meters
			15	9.2	0.2		
			16	9.0	0.1		
			17	8.8	0.1		
			18	8.5	0.1		
			19	8.3	0.1		
			20	8.2	0.1		Secchi 4.5 meters
			21	8.2	0.1		Wind East 5mph
			22	8.2	0.1		Temp 75°
			23	8.2	0.1		15% Cloud Cover
			24	8.2	0.1		
			25	8.2	0.1		
			26	8.1	0.1	7.0	TP
			26.5	BOTTOM			
							Phyts + Zoo collected

SURVEY Upper Eau Claire

DATE

March 19, 1991

hP

TA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepport Section	12:30	0	0.4	11.8	7.7	Chlora TP
			1	1.8	10.2		
			2	2.0	9.4		
			3	2.0	9.3		0% Cloud Cover
			4	2.0	9.2		Temp 50°
			5	2.0	9.2		Ice 2 1/2'
			6	2.0	9.2		Snow Cover 0"-1"
			7	2.0	9.1		Wind - Calm
			8	2.0	9.1		
			9	2.0	9.1		Phyto + Zoo Collected
			10	2.0	8.9		
			11	2.0	8.6		
			12	2.0	8.4		
			13	2.0	8.3		
			14	2.0	8.1		
			15	2.0	7.7		
			16	2.0	7.4		
			17	2.0	6.9		
			18	2.0	5.3		
			19	2.0	4.7		
			20	2.0	4.3		
			21	2.0	3.0		
			22	2.1	1.4		
			23	2.2	0.7		
			24	2.2	0.5		
			25	2.2	0.5		
			26	2.3	0.2	7.1	TP
			26.5	Bottom			

SURVEY Upper Eau ClaireDATE April 24, 1991

Depth finder = 91'

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepest Section	13:30	0	5.4	11.8	7.9	SAMPLE
			1	5.2	11.8		
			2	5.0	11.8		
			3	4.8	11.8		
			4	4.6	11.8		
			5	4.4	11.8		
			6	4.2	11.8		
			7	4.2	11.7		secchi = 4.6 m
			8	4.1	11.6		
			9	4.0	11.5		
			10	4.0	11.4		
			11	3.9	11.2		
			12	3.8	11.1		5% Cloud cover
			13	3.7	11.0		S. wind @ 5 mph
			14	3.7	11.0		air temp = 60°F
			15	3.7	11.0		
			16	3.7	11.0		
			17	3.7	10.9		
			18	3.6	10.8		
			19	3.6	10.8		water has green cloudy appearance
			20	3.6	10.7		
			21	3.5	10.7		
			22	3.5	10.6		
			23	3.4	10.5		
			24	3.4	10.3		
			25	3.3	10.2		
			26	3.2	9.4	7.9	SAMPLE
			26.5 - Bottom				

SURVEY Upper Eau Claire LakeDATE June 18, 1991

LP

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepset Section	14:15	0	20.8	9.3	8.3	TP Clara
			1	20.8	9.3		
			2	20.8	9.3		
			3	20.8	9.3		
			4	20.4	9.4		
			5	20.1	9.5		
			6	18.0	9.9		
			7	13.2	11.4		
			8	10.2	11.8		
			9	8.9	11.3		
			10	8.0	10.5		TP at
			11	7.5	9.8	8.0	11 Meters
			12	7.1	9.2		
			13	6.9	8.7		
			14	6.5	8.3		
			15	6.4	7.7		
			16	6.3	7.3		
			17	6.1	6.2		
			18	6.0	5.8		
			19	6.0	5.4		Sacchi 5.3 Meters
			20	6.0	5.1		
			21	6.0	5.0		100% Cloud Cover
			22	6.0	4.8		Wind East 5 mph
			23	6.0	4.6		Temp 75°
			24	6.0	4.0		Phyto + Zoo Collected
			25	6.0	3.4		
			26	6.0	3.3	7.5	TP
			26.5	Bottom			



SURVEY Upper Eau Claire

DATE July 17, 1991

LP

STA. No.	LOCATION	TIME	DEPTH <sup>M</sup>	TEMP <sup>°C</sup>	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepend Section	13:15	0	23.5	9.0	8.2	Chlora TP
			1	23.2	9.3		
			2	22.5	9.5		Socchi 4.4 Meters
			3	22.2	9.7		0% Cloud cover
			4	22.0	9.9		Wind South 10 mph
			5	21.9	10.0		Temp 85°
			6	20.9	10.0		Collected Phyl + Zoo
			7	19.0	10.0		
			8	15.0	10.4		
			9	10.9	10.5		
			10	9.0	9.6		
			11	8.0	8.6	7.3	TP
			12	7.3	6.9		
			13	7.0	6.2		
			14	7.0	5.9		
			15	7.0	5.0		
			16	6.8	4.6		
			17	6.5	3.8		
			18	6.1	3.0		
			19	6.1	2.0		
			20	6.0	1.8		
			21	6.0	1.8		
			22	6.0	1.7		
			23	6.0	1.7		
			24	6.0	1.5		
			25	6.0	1.4		
			26	6.0	1.3		TP
			26.4	Bottom			

SURVEY Upper Eau Claire L.  
 DATE Aug 22, 1991

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Depart Section	13:00	0	21.8	9.6	8.7	Clora TP
			1	21.1	10.0		
			2	21.0	10.1		
			3	21.0	10.1		
			4	20.9	9.6		
			5	20.3	9.5		
			6	20.0	8.7		
			7	19.9	8.6		
			8	18.8	8.5		
			9	14.4	8.9		
			10	10.5	8.1		
			11	8.5	6.6		
			12	7.8	4.8		
			13	7.0	2.9	7.4	TP at 13 Meters
			14	6.8	1.8		
			15	6.5	1.1		
			16	6.3	0.9		
			17	6.1	0.8		
			18	6.0	0.5		Secchi 5.4 Meters
			19	6.0	0.4		0% Cloud Cover
			20	6.0	0.4		Wind NW 5mph
			21	6.0	0.4		Temp 75°
			22	6.0	0.4		
			23	6.0	0.3		
			24	6.0	0.2		
			25	6.0	0.2		
			26	4.0	0.2	7.0	TP
			26.5	Bottom			

SURVEY Upper East ChannelDATE March 18, 1992

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepport Section	13:00	0	0.1	9.9	7.5	Alga TP
			1	0.9	9.8		
			2	1.0	9.2		
			3	1.0	8.5		
			4	1.0	8.2		
			5	1.0	8.2		0% Cloud Cover
			6	1.0	8.2		Ice 2ft. thick
			7	1.0	8.3		No snow cover
			8	1.0	8.3		
			9	1.0	8.3		
			10	1.0	8.1		
			11	1.0	6.7		
			12	1.0	6.6		
			13	1.0	6.5		
			14	1.0	6.2		
			15	1.0	6.1		
			16	1.0	5.8		
			17	1.0	4.8		
			18	1.1	4.2		
			19	1.1	3.7		
			20	1.2	2.0		
			21	1.3	2.2		
			22	1.3	1.2		
			23	1.3	0.7		
			24	1.4	0.7		
			25	1.9	0.6		
			26	2.1	0.6	7.3	TP
			26.5	Bo	Hom		

SURVEY Upper Eau ClaireDATE May 5, 1992

GA 7650

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepast Section	12:15	0	6.0	11.7	8.1	Chlor a Chem Met Water
			1	6.0	11.7		
			2	6.0	11.6		
			3	6.0	11.6		
			4	5.8	11.6		Temp 50°
			5	5.4	11.5		0% Clouds
			6	5.1	11.4		Wind NE 10-15
			7	5.1	11.2		Secchi 2.4 Meters
			8	5.0	11.0		
			9	5.0	11.0		
			10	5.0	10.8		Collected Phytoplankton
			11	5.0	10.8		
			12	5.0	10.8		
			13	4.8	10.8		
			14	4.5	10.4		
			15	4.3	10.2		
			16	4.2	10.0		
			17	4.0	10.0		
			18	4.0	10.0		
			19	4.0	9.9		
			20	4.0	9.9		
			21	4.0	9.8		
			22	4.0	9.7		
			23	4.0	9.6		
			24	3.9	9.6		
			25	3.8	9.5		
			26	3.8	9.3	7.7	Chem Met Water
			26.2	Bottom			

SURVEY Upper Eau ClaireDATE June 23, 1993

87 on east side

FK + CP

STA. NO.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS	
UEC	Deepest Section	11:05	0	16.7	9.6	8.5	Chlora TP	
			1	16.7	9.6			
			2	16.7	9.6		100% Cloud Cover	
			3	16.7	9.6		Temp 60°	
			4	16.7	9.6		Wind - Calm	
			5	16.7	9.6		Secchi 5.2 Meters	
			6	16.7	9.5			
			7	16.5	9.4			
			8	14.1	10.3			
	Secchi = 5.2 m		9	11.9	9.9			
			10	10.0	9.3	7.8	Hypolimnion Sample TP	
			11	9.2	8.2			
			12	8.9	7.5			
			13	8.5	6.8			
			14	8.2	5.9			
			15	8.0	5.2			
			16	7.9	4.8			
			17	7.8	4.2			
			18	7.6	3.5			
			19	7.5	3.3			
			20	7.5	2.8			
			21	7.5	2.4			
			22	7.4	2.1			
			23	7.4	2.0			
			24	7.4	1.9			
			25	7.4	1.1		TP	
			26	7.3	0.1	7.4	SAMPLE	
			26.5	Bottom				

SURVEY Upper Eau Claire

DATE July 21, 1992

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS	
UEC	Deepest Section	7:45	0	19.2	9.0	8.5	Chlor TP	
			1	19.2	9.0			
			2	19.2	9.0		Secchi 3.4 Meters	
			3	17.2	9.0		Temp 55°	
			4	19.2	9.0		Wind West 10 mph	
			5	19.2	9.0		5% Cloud Cover	
			6	19.1	8.9			
			7	16.8	8.9			
			8	15.0	8.0			
			9	13.8	6.9			
			10	12.0	5.8			
			11	10.5	5.3			
			12	9.0	4.7			
			13	8.5	3.8			
			14	8.0	3.1	7.2	TP at 14 Meters	
			15	8.0	2.5			
			16	7.8	1.6			
			17	7.5	0.7			
			18	7.5	0.4			
			19	7.3	0.3			
			20	7.2	0.2			
			21	7.2	0.1			
			22	7.1	0.1			
			23	7.0	0.1			
			24	7.0	0.1			
			25	7.0	0.1			
			26	7.0	0.1	7.1	TP	
			26.5	Bottom				

SURVEY Upper Eau Claire

DATE Aug 19, 1992

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
VEC	Deepst Section	8:15	0	19.7	9.3	8.5	Chl a TP
			1	19.7	9.5		
			2	19.7	9.5		
			3	19.6	9.5		
			4	19.6	9.5		
			5	19.6	9.4		
			6	19.6	9.4		
			7	19.2	9.3		
			8	18.5	9.0		
			9	14.5	7.3		
			10	12.6	4.8		
			11	10.9	3.0		
			12	9.9	2.1	7.3	TP at 12 meters
			13	7.0	1.5		
			14	8.5	0.8		
			15	8.0	0.2		
			16	7.7	0.2		
			17	7.5	0.2		Secchi 4.6 Meters
			18	7.3	0.1		0% Cloud Cover
			19	7.2	0.1		
			20	7.2	0.1		Temp 55
			21	7.2	0.1		Wind - Calm
			22	7.2	0.1		
			23	7.2	0.1		Collected Phyton 200
			24	7.2	0.1		
			25	7.2	0.1		
			26	7.2	0.1	7.1	TP
			26.4	Bottom			

SURVEY Upper Eau ClaireDATE March 25, 1993

341K / LP

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS	
UEC	Deepait Section	13:45	0					
			1	2.8	10.8	7.8	chlor a, TP, zo, photo, pH	
			2	3.0	9.3			
			3	3.0	9.0		0% cloud cover	
			4	3.0	8.8			
			5	3.0	8.6		~45° F, Southwind	
			6	3.0	8.4			
			7	3.0	8.3		~1" snow, slush, water	
			8	3.0	8.1			
			9	3.0	8.0		on ice	
			10	3.0	7.9			
			11	3.0	7.8			
			12	3.0	7.8			
			13	3.0	7.7			
			14	3.1	7.6			
			15	3.1	7.5			
			16	3.2	7.4			
			17	3.4	7.1			
			18	3.5	5.9			
			19	3.5	4.2			
			20	3.5	2.8			
			21	3.5	1.9			
			22	3.5	1.5			
			23	3.5	0.4			
			24	3.8	0.2			
			25	4.0	0.2			
			26	4.1	0.2	7.5	TP, pH	
			26.2	- bottom				



SURVEY Upper Eau Claire

DATE April 28, 1993

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepist Section	7:45	0	5.1	11.8	8.0	Chloro Chem Water Sample Met
			1	5.1	11.8		
			2	5.1	11.7		
			3	5.0	11.6		
			4	5.0	11.4		
			5	5.0	11.3		
			6	5.0	11.2		Secchi 3.8 Meters
			7	5.0	11.2		0% Cloud Cover
			8	5.0	11.1		Temp 50°
			9	5.0	11.1		Wind SW 10 mph
			10	5.0	11.0		
			11	5.0	10.8		
			12	5.0	10.8		
			13	5.0	10.8		
			14	5.0	10.7		
			15	5.0	10.6		
			16	5.0	10.6		
			17	5.0	10.5		
			18	4.9	10.3		
			19	4.5	9.6		
			20	4.2	9.3		
			21	4.1	8.9		
			22	4.1	8.3		
			23	4.0	7.5	7.7	Chem Water Sample Met
			24	3.5	1.0		↑
			25	3.1	0.5		Ice has not turned over
			26	3.1	0.2		Sample taken from the
			26.5	Bottom			bottom of the mixed zone

SURVEY Upper Eau Claire

DATE June 23, 1993

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
VEC	Deepist Section	8:30	0	16.9	9.2	7.9	
			1	16.9	9.2		
			2	16.9	9.2		
	50% cloud cover		3	16.9	9.2		
	70°F, wind S-15 mph		4	16.8	9.2		
	Seechi 5.0		5	16.5	9.2		
			6	14.7	9.4		
			7	13.7	9.5		
			8	11.4	9.6		
			9	10.2	9.7		
			10	8.1	9.7		
			11	7.1	8.8		
			12	6.6	8.7		
			13	6.1	7.5	7.4	TP at 13 m
			14	5.9	6.3		
			15	5.8	6.1		
			16	5.7	5.9		
			17	5.5	5.5		
			18	5.5	5.2		
			19	5.4	4.8		
			20	5.4	4.7		
			21	5.4	4.5		
			22	5.3	4.3		
			23	5.3	4.0		
			24	5.3	3.5		
			25	5.3	2.8		
			26	5.2	2.1	7.1	TP
			26.5	BOTTOM			

SURVEY Upper Eau Claire

DATE July 21, 1973

July

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepat Section	8:00	0	21.5	8.8	—	Chlor a TP
			1	21.5	8.8		
			2	21.5	8.8		
			3	21.5	8.8		
			4	21.5	8.8		
			5	21.4	8.8		Secchi 5.8 Meters
			6	20.0	8.9		Temp 60°
			7	18.9	8.6		0% Cloud Cover
			8	16.0	7.5		Wind NE < 5 mph
			9	13.9	7.7		
			10	11.0	7.4		
			11	9.0	6.6		
			12	8.0	5.8		
			13	7.0	4.7	—	TP at 13 Meters
			14	6.8	4.3		
			15	6.5	3.5		
			16	6.1	3.1		
			17	6.0	2.6		
			18	6.0	2.3		
			19	6.0	2.2		pH Meter Inop.
			20	6.0	2.1		
			21	6.0	1.9		
			22	6.0	1.8		
			23	5.9	1.7		
			24	5.9	1.3		
			25	5.9	0.9		
			26	5.9	0.8	—	TP
			26.5	Bottom			

SURVEY Upper Eau Claire

DATE Aug 16, 1993

SFA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
VEC	Deepest Section	13:00	0	23.7	8.7	8.2	Chl. TP
			1	23.5	8.6		
			2	22.9	8.5		
			3	22.4	8.4		Secchi 4.8 Meters
			4	22.0	8.0		80% Cloud Cover
			5	21.6	7.6		Temp 75°
			6	20.9	6.8		Wind NE 5 mph
			7	20.0	6.2		
			8	19.0	6.0		
			9	15.1	5.9		
			10	10.9	5.7		
			11	8.7	4.7		
			12	8.0	3.9		
			13	7.1	3.2	7.7	TP at 13 Meters
			14	6.9	2.7		
			15	6.5	2.3		
			16	6.1	1.9		
			17	6.0	1.1		
			18	6.0	0.6		
			19	6.0	0.3		
			20	6.0	0.2		Collected Phyto. 20m
			21	5.9	0.2		
			22	5.9	0.2		
			23	5.9	0.2		
			24	5.9	0.2		
			25	5.9	0.2		
			26	5.9	0.2	7.4	TP
			26.6	Bottom			

SURVEY Upper Eau ClaireDATE March 16, 1994

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepest Section	8:30	0	0.0	9.4	1.6	Chlorophyll TP
			1	2.0	9.4		
			2	2.4	9.4		
			3	2.6	9.6		Ice 20"
			4	2.6	9.0		No snow cover on ice
			5	2.8	9.0		0% Cloud Cover
			6	2.8	9.0		
			7	2.8	9.0		
			8	2.8	9.0		
			9	2.8	9.0		
			10	2.8	8.9		
			11	2.8	8.9		
			12	2.8	8.9		
			13	2.8	8.9		
			14	2.8	8.9		
			15	2.3	7.5		
			16	2.3	7.3		
			17	2.2	6.3		
			18	2.2	5.2		
			19	2.2	5.3		
			20	2.5	6.5		
			21	2.5	5.9		
			22	2.5	5.2		
			23	2.2	4.5		
			24	2.2	1.6		
			25	2.3	1.5		
			26	2.4	1.0	7.3	TP
			26.7	Bottom			

SURVEY Upper Eau Claire

DATE

May 3, 1994

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepist Section	6:45	0	6.0	11.8	7.6	Chem W-Series Met
			1	6.0	12.0		
			2	6.0	12.1		
			3	6.0	12.4		
			4	6.0	12.4		
			5	6.0	12.4		Secchi 3.8 Meters
			6	6.0	12.4		0% Cloud Cover
			7	6.0	12.2		Temp 50
			8	6.0	12.0		Wind SW 15 mph
			9	6.0	11.8		
			10	6.0	11.6		
			11	6.0	11.4		
			12	5.9	11.2		
			13	5.8			Collected Phyto + Zoo
			14	5.5	11.2		
			15	5.3	11.1		
			16	5.1	11.0		
			17	5.1	11.0		
			18	5.1	10.9		
			19	5.0	10.8		
			20	5.0	10.6		
			21	4.9	10.4		
			22	4.9	10.3		
			23	4.9	10.2		
			24	4.8	10.0		
			25	4.8	9.8		
			26	4.8	9.7	7.6	Chem W-Series Met
			6.5	Bottom			

SURVEY Upper Eau Claire

DATE June 29, 1994

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepend Section	8:45	0	21.0	8.9	7.6	Chloro TP
			1	21.0	8.9		
			2	21.0	8.9		
			3	21.0	8.9		
			4	21.0	8.9		
			5	21.0	8.9		Secchi 5.0 Meters
			6	19.8	9.2		Temp 70°
			7	18.2	9.7		Wind NW 15 mph
			8	14.0	10.4		95% Cloud Cover
			9	11.6	11.0		
			10	9.9	10.3		
			11	9.0	10.0		
			12	8.3	8.9	7.4	TP at 12 meters
			13	8.2	8.5		
			14	7.9	6.5		
			15	7.5	5.7		
			16	7.2	5.0		
			17	7.1	4.6		
			18	7.0	3.7		
			19	7.0	3.5		
			20	7.0	3.4		
			21	7.0	3.4		
			22	7.0	3.4		
			23	7.0	3.3		
			24	7.0	1.9		
			25	7.0	1.6		
			26	7.0	1.6	7.1	TP
			26.6	Bottom			

SURVEY Upper Eau Claire

DATE Aug 2, 1994

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS	
UEC	Deepest Section	8:30	0	22.4	8.8	8.5	Algae TP	
			1	22.4	8.8			
			2	22.4	8.8			
			3	22.3	8.8		Secchi 5.7 Meters	
	Collected plankton		4	22.3	8.8		30% Cloud Cover	
	in vicinity of the		5	22.3	8.8		Wind - Calm	
	landing for salmon		6	22.0	8.8		Temp 65°	
	mussel survey		7	21.9	8.8			
			8	20.5	8.5			
			9	16.8	9.6			
			10	13.0	9.0			
			11	11.5	7.8			
			12	10.3	5.8			
			13	9.5	5.3			
			14	9.0	4.1	7.6	TP at 14 Meters	
			15	8.5	3.2			
			16	8.1	1.9			
			17	8.0	0.8			
			18	7.9	0.5			
			19	7.9	0.3			
			20	7.8	0.2			
			21	7.7	0.1			
			22	7.6	0.1			
			23	7.5	0.1			
			24	7.5	0.1			
			25	7.5	0.1			
			26	7.5	0.1	7.3	TP	
			26.5	BOTTOM				



SURVEY Upper Eau Claire

DATE July 24, 1994

Aug

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepest Section	8:20	0	20.5	8.9	8.1	
			1	20.5	8.9		
			2	20.5	8.9		
			3	20.5	8.9		
			4	20.5	8.9		
			5	20.5	8.8		Sacchi 4.0 Meters
			6	20.5	8.8		100% Cloud Cover
			7	20.5	8.7		Temp 60°
			8	20.0	8.7		Wind West 10 mph
			9	18.8	8.1		Collected Phyt + Zoo
			10	15.2	6.9		
			11	11.1	5.9		
			12	10.0	3.8		
			13	9.0	3.1		
			14	8.9	2.3	7.3	TP at 14 Meters
			15	8.2	1.3		
			16	7.0	0.3		
			17	8.0	0.2		
			18	7.9	0.1		
			19	7.8	0.1		
			20	7.5	0.1		
			21	7.5	0.1		
			22	7.4	0.1		
			23	7.4	0.1		
			24	7.4	0.1		
			25	7.4	0.1		
			26	7.4	0.1	7.2	TP
			268	Bottom			

SURVEY Upper Eau ClaireDATE March 16, 1995

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepist Section	12:10	0	0.9	9.2	7.3	Chloro A - TP
			1	2.5	8.7		
			2	2.9	8.1		
			3	3.0	8.1		
			4	3.0	8.1		
			5	3.0	8.1		
			6	3.0	8.1		
			7	3.0	8.1		
			8	3.0	8.1		
			9	3.0	8.1		
			10	3.0	7.9		
			11	3.0	7.8		
			12	3.0	7.8		
			13	3.0	7.1		
			14	3.0	6.5		
			15	3.0	5.3		
			16	3.0	5.3		
			17	3.0	5.6		
			18	3.0	5.2		
			19	3.0	4.6		
			20	3.0	4.2		
			21	3.0	3.6		
			22	3.0	2.8		
			23	3.0	1.0		
			24	3.2	0.5		
			25	3.2	0.1		TP
			26	3.4	0.1	7.3	Ice dept 18"
			26.6	Bottom			no snow cover
							cloud cover 20%
							Collected Phyto + Zoo

SURVEY Upper Eau ClaireDATE May 15, 1995

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
VEC	Depth Section	12:00	0	10.0	11.4	7.7	Chloro Chem N-Series Met
			1	10.0	11.2		
			2	10.0	11.2		
			3	10.0	11.2		
			4	9.9	11.2		
			5	9.8	11.2		
			6	9.8	11.2		Secchi 4.2 Meters
			7	9.5	11.2		30% Cloud Cover
			8	9.2	11.2		Temp 60°
			9	6.5	11.6		Wind NW 10 mph
			10	6.0	11.4		
			11	6.0	11.2		Collected Phyto + Zoo
			12	5.5	11.0		
			13	5.3	11.0		
			14	5.2	10.8		
			15	5.0	10.6		
			16	5.0	10.6		
			17	5.0	10.4		
			18	5.0	10.2		
			19	5.0	10.0		
			20	5.0	10.0		
			21	5.0	9.9		
			22	5.0	9.8		
			23	4.9	9.8		
			24	4.9	9.8		
			25	4.9	9.8		
			26	4.9	9.6	7.5	Chem N-Series Met
			26.5	Bottom			

SURVEY Upper Eau Claire

DATE June 22, 1995

LP+RC

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepest Section	12:45pm	0	27.5	8.2	8.0	
			1	27.0	8.2		
			2	26.0	8.3		Secchi 6.0 meters
			3	25.0	8.5		Temp 90°
			4	20.1	9.8		Wind SE < 5 mph
	Collected zebra mussel sample - 10 tows from depth of 10 meters using DNR net		5	18.0	10.0		30% Cloud Cover
			6	16.5	10.0		Collected Phyto + Zoo
			7	15.1	10.2		
			8	13.2	10.5		
			9	11.8	10.8		
			10	10.5	10.8		
			11	9.9	10.6		
			12	8.5	10.3	7.9	TP at 12 Meters
			13	7.9	9.5		
			14	7.1	9.2		
			15	7.0	8.3		
			16	6.5	7.3		
			17	6.3	6.7		
			18	6.2	6.1		
			19	6.0	6.0		
			20	6.0	5.8		
			21	6.0	5.7		
			22	6.0	5.7		
			23	6.0	5.5		
			24	6.0	5.3		
			25	6.0	4.5		
			26	6.0	3.0	7.5	TP
			26.4	Bottom			

SURVEY Upper Eau Claire

DATE July 19, 1995

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepest Section	8:20	0	22.2	8.7	7.9	Chlora TP
			1	22.2	8.7		
			2	22.2	8.7		Secchi 5.7 meters
			3	22.2	8.7		90% Cloud Cover
			4	22.2	8.7		Temp 70°
	Collected zebra mussel sample - 8 vertical tows from 10 meters using DNR net.		5	22.2	8.7		Wind SW 5 mph
		6	20.2	9.3		Collected Phyto + Zoo	
		7	18.8	9.8			
		8	15.1	10.6			
		9	13.0	10.8			
		10	11.1	10.5			
		11	9.9	9.4			
		12	8.8	8.7	7.7	TP at 12 meters	
		13	8.0	6.8			
		14	7.3	5.9			
	15	7.0	5.0				
	16	6.5	4.0				
	17	6.5	3.2				
	18	6.2	2.7				
	19	6.2	2.4				
	20	6.1	2.3				
	21	6.1	2.2				
	22	6.0	1.9				
	23	6.0	1.8				
	24	6.0	1.7				
	25	6.0	1.7				
	26	6.0	1.4	7.3	TP		
	26.5	Bottom					

SURVEY Upper San Claire

DATE Aug 17, 1995

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
VEC	Deepest Section	9:45	0	23.4	8.9	8.1	Chlorophyll, TP
			1	23.4	8.9		
			2	23.4	8.9		Secchi 4.2 meters
			3	23.3	8.9		Temp 75°
			4	23.1	8.8		100% Cloud Cover
			5	22.9	8.7		Wind SE 10 mph
	Collected zebra mussel		6	22.7	8.7		Collected Phyto + Zoo
	sample - 10 vertical		7	22.4	8.7		
	tows from 2 meters		8	20.1	9.5		
	using DNR net		9	14.5	10.7		→ checked
			10	12.0	9.9		
			11	10.5	8.4		
			12	9.0	6.3	7.6	TP at 12 meters
			13	8.0	4.9		
			14	7.4	3.5		
			15	7.0	2.6		
			16	6.9	1.5		
			17	6.5	0.9		
			18	6.4	0.5		
			19	6.3	0.2		
			20	6.1	0.2		
			21	6.1	0.2		
			22	6.1	0.2		
			23	6.1	0.2		
			24	6.1	0.2		
			25	6.1	0.2		
			26	6.1	0.2	7.1	TP
			26.5	Bottom			

SURVEY Upper Eau ClaireDATE March 18, 1996

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepst Section	13:40	0	0.4	7.2	7.4	Chlor TP
			1	0.8	6.8		
			2	2.0	7.1		
			3	2.1	7.0		
			4	2.2	7.1		
			5	2.3	7.1		
			6	2.4	7.0		
			7	2.5	7.1		
			8	2.5	7.1		100% Cloud Cover
			9	2.5	7.0		Ice 2 3/4"
			10	2.6	6.5		
			11	2.8	6.2		Snow Cover 1-2"
			12	2.9	5.8		
			13	2.9	5.0		Collected Phyto + Zoon
			14	3.0	4.1		
			15	3.0	3.6		
			16	3.0	3.1		
			17	3.0	2.1		
			18	3.0	1.5		
			19	3.0	1.1		
			20	3.0	0.8		
			21	3.0	0.4		
			22	3.0	0.2		
			23	3.0	0.2		
			24	3.0	0.1		
			25	3.1	0.1		
			26	3.2	0.1	7.3	TP
			26.4	Bottom			

SURVEY Upper Eau ClaireDATE May 22, 1996

No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepist Section	8:00	0	12.4	11.7	7.6	Chlor Chem N-Series Met
			1	12.3	11.8		
			2	12.3	12.0		
			3	12.1	12.1		
			4	12.0	12.2		
			5	11.0	12.4		Secchi 3.4 Meters
			6	10.6	12.7		5% Cloud Cover
			7	9.2	12.6		Temp 50°
			8	9.0	12.4		Wind NW 10mph
			9	8.2	12.3		
			10	8.0	12.0		
			11	8.0	11.7		Collected Phyto + Zoo
			12	7.4	11.2		
			13	7.1	11.0		
			14	7.0	10.8		
			15	7.0	10.6		
			16	6.9	10.3		
			17	6.5	10.1		
			18	6.5	9.9		
			19	6.4	9.8		
			20	6.3	9.7		
			21	6.3	9.7		
			22	6.2	9.6		
			23	6.2	9.4		
			24	6.1	9.3		
			25	6.0	9.1		
			26	6.0	8.8	7.6	Chem N-Series Met
			26.5	Bottom			



SURVEY Upper Eau ClaireDATE June 19, 1996

No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
06C	Deepat Section	13:30	0	18.5	9.4	7.5	Chlor a TP
			1	18.5	9.6		
			2	18.1	9.8		
			3	18.0	9.9		
			4	17.7	10.3		
			5	17.2	10.2		
			6	16.0	10.8		Secchi = 5.2 M
			7	14.5	11.0		
			8	12.8	11.4		No wind, 90% Cloud am
			9	11.6	11.1		air temp ~ 70°F
			10	10.3	11.7		
			11	9.0	11.2	7.5	Hyp sample - TP @ 12 m
	Zebra V - Tows		12	8.4	10.7		
			13	8.2	10.2		
			14	7.9	9.6		
			15	7.4	8.5		
	#2 - <del>HHH</del> HHH - 10 pulls		16	7.1	8.2		
	#3 - <del>HHH</del> HHH - 9 pulls		17	7.0	7.6		
			18	7.0	7.2		
			19	7.0	7.1		
			20	7.0	6.9		
			21	6.9	6.2		
	#1 Landing		22	6.8	5.8		
	#2 Deep Spot		23	6.8	5.5		
	#3 East End		24	6.8	5.4		
			25	6.8	5.2		
			26	6.7	4.8	7.3	TP
			26.5 - BOTTOM				

SURVEY Upper Eau ClaireDATE July 16, 1996

L. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
VEC	Deepit Section	13:00	0	21.4	9.3	7.4	Chlora TP
			1	21.2	9.4		
			2	20.9	9.7		Secchi 6.4 Meters
			3	20.8	9.8		Temp 75°
			4	20.6	9.5		Wind SW 5 mph
			5	20.4	9.5		0% Clouds
			6	20.3	9.6		Collected Phyto + 2 core
			7	18.9	10.1		
	Collected Zebra Mussel		8	15.0	10.8		
	Sample		9	12.4	11.1		
	#1 Landing		10	11.0	10.8		
			11	9.9	10.2		
	#2 Deep Spot		12	9.1	9.6	7.3	TP
			13	8.4	7.9		
	#3 NE End		14	7.9	6.5		
			15	7.4	5.9		
			16	7.2	5.8		
			17	7.0	4.1		
			18	7.0	3.6		
			19	7.0	3.4		
			20	7.0	3.2		
			21	7.0	3.1		
			22	7.0	3.0		
			23	7.0	2.8		
			24	7.0	2.5		
			25	7.0	2.0		
			26	7.0	1.5	6.9	TP
			26.5	Bottom			

SURVEY Upper Eau ClaireDATE Aug 29, 1996

No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UFC	Deepest Section	8:30	0	22.0	8.9	8.1	Collected TP
			1	22.0	8.9		
			2	22.0	8.9		Secchi 5.8 meters
			3	22.0	8.9		Wind - Calm
			4	22.0	8.9		0% Cloud Cover
			5	22.0	8.9		Temp 65°
			6	21.4	8.8		Collected Phyto + Zoo
	Zebra Mussel Samples		7	21.1	8.8		
	#1 Off landing		8	20.3	8.7		
	#2 Deep section		9	17.0	9.3		
	#3 NE End		10	13.2	9.0		
			11	11.0	8.2		
			12	9.9	7.7		
			13	9.0	6.9		
			14	8.6	6.7	7.8	TP at 14 meters
			15	8.0	3.1		
			16	7.9	2.1		
			17	7.7	1.6		
			18	7.4	1.0		
			19	7.3	0.6		
			20	7.2	0.3		
			21	7.2	0.3		
			22	7.0	0.3		
			23	7.0	0.3		
			24	7.0	0.3		
			25	7.0	0.3		
			26	7.0	0.3	7.4	TP
			26.8	Bottom			

SURVEY Upper East Coast

DATE March 24, 1997

FK + LP

No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
NEC	Deepint S	13:30	0	0	7.2	7.7	
			1	1.5	8.5		
	~24" ice, patchy		2	2.2	7.9		
	snow cover, 100% cloud		3	2.5	7.5		
	over		4	2.8	7.3		
			5	2.9	7.1		
			6	3.0	7.1		
			7	3.0	7.0		
			8	3.0	6.9		
			9	3.0	6.9		
			10	3.0	6.9		
			11	3.0	6.8		
			12	3.0	6.7		
			13	3.0	6.7		
			14	3.1	6.4		
			15	3.2	6.0		
			16	3.2	5.4		
			17	3.5	2.7		
			18	3.4	1.8		
			19	3.5	1.0		
			20	3.5	0.8		
			21	3.5	0.4		
			22	3.6	0.5		
			23	3.7	0.4		
			24	<del>3.9</del> 3.9	0.3		
			25	4.0	0.2		
			26	4.4	0.2	7.4	
			26.5	- Bottom			

SURVEY Upper Eau Claire

DATE May 13, 1997

L. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepist Section	11:00	0	8.8	11.2	7.6	Chlor. Chem W-Series Met
			1	8.8	11.1		DOC + DIC
			2	8.8	11.1		
			3	8.7	11.1		
			4	8.6	11.1		
			5	8.5	11.1		Secchi 4.0 Meters
			6	8.5	11.1		Temp 45°
			7	8.5	11.1		Wind SW 5 mph
			8	8.5	11.1		40% Cloud Cover
			9	8.4	11.0		
			10	8.3	11.0		Collected Phyto + Zoo
			11	8.3	11.0		
			12	8.3	11.0		
			13	8.0	10.9		
			14	8.0	10.0		
			15	7.9	9.8		
			16	7.3	9.1		
			17	7.3	9.0		
			18	7.0	8.5		
			19	6.9	8.3		
			20	6.7	7.7		
			21	6.2	7.6		
			22	6.2	7.1		
			23	6.1	6.8		
			24	6.0	6.7		
			25	6.0	6.5		
			26	6.0	5.0	7.6	Chem W-Series Met
			26.5	Bottom			

SURVEY Upper Eau Claire

DATE June 19, 1997

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepist Section	7:45	0	18.4	9.4	7.8	Chlora, TP
			1	18.4	9.4		
			2	18.4	9.4		Secchi 5.1 Meters
			3	18.4	9.6		Wind East 10mph
			4	17.8	10.2		90% Cloud Cover
			5	13.8	12.2		Temp 60°
	Qualitative		6	12.0	12.1		
	Zebra Mussel Samples		7	11.0	11.0		
0-2 Meters	#1 Off Landing		8	10.6	10.8	7.8	TP
0-4 Meters	#2 Deep Spot		9	10.6	10.6		
			10	10.2	9.7		
0-3 Meters	#3 East End		11	10.0	9.2		
			12	9.8	8.2		
			13	9.2	7.5		
			14	9.1	7.0		
			15	9.0	6.8		
			16	9.0	6.4		
			17	9.0	6.0		
			18	9.0	5.8		
			19	8.9	5.6		
			20	8.9	5.4		
			21	8.8	5.3		
			22	8.8	5.0		
			23	8.7	4.8		
			24	8.7	4.5		
			25	8.7	4.2		
			26	8.6	3.9	7.7	TP
			26.5	Bottom			

SURVEY Upper Eau ClaireDATE July 23, 1997

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
VEC	Deepest Section	8:30	0	22.0	8.6	8.1	Chlor a TP
			1	22.0	8.6		
			2	21.9	8.8		Secchi 4.4 Meters
			3	21.9	8.8		0 1/2 Cloud Cover
			4	21.9	8.9		Wind - Calm
			5	21.8	8.9		Temp 70°
	Qualitative Zebra Mussel Samples		6	21.0	9.9		Collected Phyto + Zoo
			7	18.0	10.2		
			8	15.1	9.8		
0-1 Meter	#1 Off Landing		9	13.2	9.2		
			10	11.2	7.7		
0-4 Meter	#2 Deep Section		11	10.8	6.5	7.7	TP at 11 meters
			12	10.1	5.3		
0-2 Meter	#3 NE Corner		13	9.9	4.2		
			14	9.5	3.5		
			15	9.2	2.6		
			16	9.1	1.9		
			17	9.1	1.6		
			18	9.0	1.2		
			19	9.0	0.8		
			20	8.9	0.6		
			21	8.8	0.6		
			22	8.8	0.6		
			23	8.8	0.5		
			24	8.8	0.5		
			25	8.8	0.5		
			26	8.7	0.5	7.5	TP
			26.7	Bottom			

SURVEY Upper Eau Claire  
 DATE August 15, 1997

STA. No.	LOCATION	TIME	DEPTH	TEMP °C	D.O.	pH	SAMPLES COLLECTED - REMARKS
UEC	Deepert Section	8:00	0	18.8	9.1	8.1	Chlora TP
			1	18.8	9.1		
			2	18.8	9.1		Secchi 4.6 Meters
			3	18.8	9.0		100% Cloud Cover
			4	18.8	9.0		Wind - Calm
	Qualitative zebra		5	18.8	9.0		Temp 5.5°
	Mussel Samples		6	18.8	8.9		
0-1 Meter	#1 off landing		7	18.8	8.9		Collected Phyto + Zoo
0-4 Meter	#2 Deep Spot		8	18.1	8.8		
0-2 Meter	#3 NE Corner		9	15.0	9.1		
			10	12.1	6.9		
			11	11.1	5.7		
			12	10.5	4.0	7.9	TP at 12 meters
			13	9.9	2.5		
			14	9.8	1.9		
			15	9.3	0.5		
			16	9.1	0.3		
			17	9.0	0.3		
			18	8.9	0.3		
			19	8.8	0.2		
			20	8.8	0.2		
			21	8.8	0.2		
			22	8.7	0.2		
			23	8.6	0.2		
			24	8.5	0.2		
			25	8.5	0.2		
			26	8.4	0.2	7.8	
			26.6	Bottom			