

Clean Lakes Program Data Summary

1999

Bass		County: Sullivan										Sample Location: Deep Hole										Date: 8/16/1999																																	
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																
1999	16.5	1.4	50	15	97.7	8.2	7.3	1065		121	187	0.017	0.223	0.026	0.026	2.86	0.022	0.022	0.018	0.018	0.649	2.16	18																																
																							<i>High</i>																																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																		
Temp	27	27	26	26	26	26	26	24	17	14	12	12	11	11	10	10																																							
DO	7.5	7.7	7.7	7.7	7.5	7.3	6.7	3.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2																																							
% Water Column Oxid:				42.8				Blue-Green Dominance %:				39				Notes:																																							
Blue-greens (#/L):				106				Greens (#/L):				22				Diatoms (#/L):				17				Other algae (#/L):				100				Rotifers (#/L):				17				Zooplankton (#/L):				10.5				Plankton #/L:				272			

Bass		County: Starke										Sample Location: Deep Hole										Date: 7/27/1999																																	
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																
1999	6.1	0.7	21	8	107.3	8.4	7.3	249	246	75	80	0.015	0.015	0.053	0.071	21.36	0.022	0.022	0.018	0.018	0.74	0.948	27																																
																							<i>Intermediate</i>																																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																		
Temp	32	32	32	31	29	29	27																																																
DO	8.4	8.2	8.2	8.0	6.7	4.6	0.2																																																
% Water Column Oxid:				73				Blue-Green Dominance %:				70				Notes:																																							
Blue-greens (#/L):				2295				Greens (#/L):				427				Diatoms (#/L):				162				Other algae (#/L):				142				Rotifers (#/L):				244				Zooplankton (#/L):				15.7				Plankton #/L:				3286			

Bass (N. Chain)		County: St Joseph										Sample Location: Deep Hole										Date: 7/5/1999																																	
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																
1999	9.8	2.2	86	21.3	113	8.6	7.2	300.1	264	91	131	0.01	0.01	0.045	0.05	0.82	0.022	0.022	0.022	0.182	0.814	1.111	4																																
																							<i>High</i>																																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																		
Temp	30	30	30	28	26	23	19	16	13	11																																													
DO	8.1	8.6	8.6	9.5	9.6	8.4	4.1	0.6	0.5	0.2																																													
% Water Column Oxid:				79				Blue-Green Dominance %:				37				Notes:																																							
Blue-greens (#/L):				208				Greens (#/L):				56				Diatoms (#/L):				96				Other algae (#/L):				144				Rotifers (#/L):				32				Zooplankton (#/L):				23.2				Plankton #/L:				560			

Clean Lakes Program Data Summary

1999

Brazil Waterworks Pond

County: **Clay**

Sample Location: **Deep Hole**

Date: **8/2/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:															
1999	4.6	0.6	4	4	134.8	9.1	6.6	386.3	836	101	221	0.02	1.602	0.207	1.645	99.24	0.022	0.022	0.018	3.224	2.287	7.331																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
Temp	32	30	30	27	20																																	
DO	20	17	10	0.2	0.2																																	
% Water Column Oxid:					50	Blue-Green Dominance %:					Notes: Plankton sample not preserved																											
Blue-greens (#/L):			Greens (#/L):			Diatoms (#/L):			Other algae (#/L):			Rotifers (#/L):			Zooplankton (#/L):			Plankton #/L: 0																				

Canvasback

County: **Sullivan**

Sample Location: **Deep Hole**

Date: **8/10/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:															
1999	23.5	5	65	37	115	8.2	7.2	2720	2118	282	94	0.035	0.012	0.024	0.041	1.02	0.022	0.072	0.018	0.141	0.295	0.594	4															
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
Temp	28	28	27	27	27	27	23	18	14	12	11	9.9	9.5	9.2	9	9	9	9	9	9	9	9	9															
DO	9	9	9	9	9.1	9.1	13	13	14	14	13	11	8.8	6	5.2	3.9	3.7	3.6	3.6	3.6	3.6	3.6																
% Water Column Oxid:					100	Blue-Green Dominance %:					Notes:																											
Blue-greens (#/L):			Greens (#/L):			Diatoms (#/L):			Other algae (#/L):			Rotifers (#/L):			Zooplankton (#/L):			Plankton #/L: 99																				

Cedar

County: **Lake**

Sample Location: **Deep Hole**

Date: **7/27/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	4.3	0.4	4	4	84	9.3	8.9	328	325	79	79	0.012	0.018	0.153	0.208	64.88	0.022	0.022	0.018	0.018	1.103	1.275	28																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	30	29	29	29	29	28																																	
DO	10	7.3	6.4	6.3	6.5	0.8																																	
% Water Column Oxid:					100	Blue-Green Dominance %:					Notes:																												
Blue-greens (#/L):			Greens (#/L):			Diatoms (#/L):			Other algae (#/L):			Rotifers (#/L):			Zooplankton (#/L):			Plankton #/L: 11808																					

Clean Lakes Program Data Summary

1999

Clear (LaPorte)

County: **LaPorte**

Sample Location: **Deep Hole**

Date: **7/13/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:															
1999	3	2	38	10	78	9.9		370		52.5		0.014		0.045		2.98	0.022		0.063		0.84		7 High															
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
Temp	25	25	24	24	24																																	
DO	11	12	6.6	5.8	1																																	
% Water Column Oxidation: 100					Blue-Green Dominance %: 17					Notes:																												
Blue-greens (#/L): 139					Greens (#/L): 13					Diatoms (#/L): 38					Other algae (#/L): 607					Rotifers (#/L): 25					Zooplankton (#/L): 19.9					Plankton #/L: 842								

Cook

County: **Marshall**

Sample Location: **Deep Hole**

Date: **7/19/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:															
1999	15.5	0.9	16	8.4	66	8.7	5.7	371	295	135	200.5	0.01	0.41	0.241	0.063	28.17	0.022	0.022	0.018	2.082	1.45	2.784	29 Intermediate															
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
Temp	26	26	25	25	23	18	14	9	7	5.9	4.9	4.2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
DO	8.7	7.6	5.4	5.2	2.0	0.1	0.05	0.05	0.05	0.05	0.05	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
% Water Column Oxidation: 20					Blue-Green Dominance %: 30					Notes:																												
Blue-greens (#/L): 896					Greens (#/L): 341					Diatoms (#/L): 107					Other algae (#/L): 1451					Rotifers (#/L): 64					Zooplankton (#/L): 158.4					Plankton #/L: 3018								

Dipper

County: **St Joseph**

Sample Location: **Deep Hole**

Date: **7/12/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	1.8	0.8	2.5	4		6.9				119.5		0.021		0.126		26.26	0.022		0.02		1.737																		
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	21	19																																					
DO	4.1	0.4																																					
% Water Column Oxidation: 100					Blue-Green Dominance %: 34					Notes: D.O. saturation not measured due to rooted vegetation																													
Blue-greens (#/L): 5780					Greens (#/L): 3251					Diatoms (#/L): 2890					Other algae (#/L): 5057					Rotifers (#/L): 0					Zooplankton (#/L): 115.1					Plankton #/L: 17093									

Clean Lakes Program Data Summary

1999

Dixon		County: Marshall										Sample Location: Deep Hole										Date: 7/19/1999																																					
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																				
1999	10.1	1.6	31	11	106	8.6	7.3	430	330	142	202	0.012	0.848	0.056	0.863	5.21	0.022	0.022	0.018	2.342	1.106	2.96	19																																				
																							High																																				
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																						
Temp	27	27	26	25	21	15	10	7	6	5	4																																																
DO	9	8.9	8.6	7	2.1	0.5	0.3	0.2	0.2	0.2	0.2																																																
% Water Column Oxid:					51	Blue-Green Dominance %:					49	Notes:						Blue-greens (#/L):					751	Greens (#/L):					145	Diatoms (#/L):					170	Other algae (#/L):					230	Rotifers (#/L):					158	Zooplankton (#/L):					66.2	Plankton #/L:					1521

Duck		County: Sullivan										Sample Location: Deep Hole										Date: 8/16/1999																																					
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																				
1999	11.3	2.6	48	23	89	8.1	6.9	957	707	94	146	0.009	0.009	0.019	0.265	1.74	0.022	0.022	0.018	0.576	0.594	1.179	9																																				
																							High																																				
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																						
Temp	26	26	26	26	26	26	26	26	22	17	13	12	10	9																																													
DO	7.1	7.2	7.1	7.2	7.2	7.1	7.2	4	0.5	0.2	0.2	0.2	0.2	0.2																																													
% Water Column Oxid:					50	Blue-Green Dominance %:					18	Notes:						Blue-greens (#/L):					17	Greens (#/L):					0	Diatoms (#/L):					0	Other algae (#/L):					49	Rotifers (#/L):					14	Zooplankton (#/L):					14.7	Plankton #/L:					95

Eliza		County: Porter										Sample Location: Deep Hole										Date: 7/27/1999																																					
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																				
1999	6.1	0.6	6	5.5	89.8	8.3	7.1	331	318	94	118	0.009	0.064	0.059	0.191	32.3	0.022	0.022	0.018	0.018	1.331	2.024	31																																				
																							Intermediate																																				
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																						
Temp	31	30	29	28	26	22	15																																																				
DO	10	10	7	2.4	0.2	0.2	0.2																																																				
% Water Column Oxid:					35	Blue-Green Dominance %:					59	Notes:						Blue-greens (#/L):					2854	Greens (#/L):					190	Diatoms (#/L):					0	Other algae (#/L):					1205	Rotifers (#/L):					507	Zooplankton (#/L):					116.9	Plankton #/L:					4873

Clean Lakes Program Data Summary

1999

Fish (Lower)

County: **LaPorte**

Sample Location: **Deep Hole**

Date: **7/12/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:															
1999	4.9	2.4	40	13	84	7.5	7.4	400	390	159	158	0.01	0.011	0.061	0.085	2.48	0.022	0.022	0.057	0.048	0.23	0.273	9															
																							High															
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
Temp	26	26	25	24	23	22																																
DO	7	7	7	6.6	4.5	1.8																																
% Water Column Oxid:					66	Blue-Green Dominance %:					13	Notes:						Rotifers (#/L):					284	Zooplankton (#/L):					11.3	Plankton #/L:					10488			
Blue-greens (#/L):					1349	Greens (#/L):					888	Diatoms (#/L):					604	Other algae (#/L):					7351															

Fish (Upper)

County: **LaPorte**

Sample Location: **Deep Hole**

Date: **7/12/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	6.7	1.6	32	11	94	7.5	7.4	410	360	181	181	0.007	0.009	0.058	0.099	6.73	0.022	0.022	0.018	0.003	0.412	0.536	11																
																							High																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	26	25	24	23	22	17	13	11																															
DO	8.4	8.6	8	7.6	5	2.7	0.1	0																															
% Water Column Oxid:					63	Blue-Green Dominance %:					32	Notes:						Rotifers (#/L):					218	Zooplankton (#/L):					12.4	Plankton #/L:					24375				
Blue-greens (#/L):					7854	Greens (#/L):					473	Diatoms (#/L):					1782	Other algae (#/L):					14036																

Flat

County: **Marshall**

Sample Location: **Deep Hole**

Date: **7/13/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	6.7	1	22	8	88	8	7	420	360	181	208	0.013	0.183	0.102	0.311	20.16	0.022	0.022	0.018	1.784	1.131	2.765	28																
																							Intermediate																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	25	24	22	22	20	13	10																																
DO	11	10	7.7	5.5	0	0	0																																
% Water Column Oxid:					31	Blue-Green Dominance %:					12	Notes:						Rotifers (#/L):					148	Zooplankton (#/L):					28.3	Plankton #/L:					6710				
Blue-greens (#/L):					769	Greens (#/L):					591	Diatoms (#/L):					2986	Other algae (#/L):					2188																

Clean Lakes Program Data Summary

1999

Flint County: **Porter** Sample Location: **Deep Hole** Date: **7/20/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																		
1999	21.6	1.6	24	12	109	8.8	7	399	282	101	115	0.008	0.182	0.036	0.221	12.28	0.022	0.022	0.021	1.095	1.131	1.847	30 <i>Intermediate</i>																		
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35				
Temp	26	26	25	25	24	20	14	8.5	7	6	5.1	5	5	4.9	4.9	4.8	4.5	4.5	4.5	4.2	4.2	4.1	4.1																		
DO	8.8	9	9	8.8	7	3.3	0.2	0.1	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0																		
% Water Column Oxid:			18			Blue-Green Dominance %:			58			Notes:																													
Blue-greens (#/L):			1803			Greens (#/L):			415			Diatoms (#/L):			145			Other algae (#/L):			580			Rotifers (#/L):			145			Zooplankton (#/L):			29.7			Plankton #/L:			3118		

Fowler Park County: **Vigo** Sample Location: **Deep Hole** Date: **8/2/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																		
1999	5.2	0.5	18	6	161.8	8.1	7.4	275.5	239.5	202	394	0.011	0.435	0.112	0.148	380.4	0.022	0.022	0.018	3.851	1.259	5.908	30 <i>Intermediate</i>																		
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35				
Temp	31	20	30	30	25	19																																			
DO	13	12	12	11	0.2	0.2																																			
% Water Column Oxid:			50			Blue-Green Dominance %:			43			Notes:																													
Blue-greens (#/L):			92			Greens (#/L):			18			Diatoms (#/L):			36			Other algae (#/L):			324			Rotifers (#/L):			72			Zooplankton (#/L):			4.9			Plankton #/L:			797		

Gibson County: **Gibson** Sample Location: **Deep Hole** Date: **8/4/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																		
1999	4.9	0.7	25	5.75	112.9	9	8.8	148.1	147.2	143	153	0.023	0.023	0.138	0.176	43.16	0.022	0.022	0.018	0.018	1.291	1.467	16 <i>High</i>																		
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35				
Temp	35	35	35	35	35																																				
DO	8.9	8.7	7.9	7.3	5.7																																				
% Water Column Oxid:			100			Blue-Green Dominance %:			40			Notes:																													
Blue-greens (#/L):			317			Greens (#/L):			53			Diatoms (#/L):			0			Other algae (#/L):			106			Rotifers (#/L):			317			Zooplankton (#/L):			0.4			Plankton #/L:			794		

Clean Lakes Program Data Summary

1999

Gilbert County: **Marshall** Sample Location: **Deep Hole** Date: **7/13/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	8.5	1.2	29	12.5	128	9.3	7.3	390	405	104	210	0.01	0.495	0.089	0.922	12.9	0.022	0.022	0.019	2	1.325	7.085	31																
																							Intermediate																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	25	25	24	24	22	16	11	8.8	7.5	7																													
DO	10	11	11	9.3	4.8	0.3	0.1	0.1	0.1	0.1																													
% Water Column Oxid:					47	Blue-Green Dominance %:					41	Notes:						Rotifers (#/L):					135	Zooplankton (#/L):					4.4	Plankton #/L:					552				
Blue-greens (#/L):					228	Greens (#/L):					25	Diatoms (#/L):					126	Other algae (#/L):					34																

Goose (Dugger) County: **Sullivan** Sample Location: **Deep Hole** Date: **8/16/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	15.2	10	58	48	102	7.5	7.1	2077	1525	111	203	0.009	0.009	0.022	0.014	0.22	0.022	0.022	0.018	0.449	0.487	0.883	2																
																							High																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	28	27	27	27	27	27	27	27	25	20	17	14	12	11	10	9.7	9.3																						
DO	8.4	8.2	8.1	8.1	7.7	7.7	7.6	7.5	8.6	9	7.5	5.4	3.7	2.7	1.6	0.8	0.5																						
% Water Column Oxid:					86.6	Blue-Green Dominance %:					8	Notes:						Rotifers (#/L):					9	Zooplankton (#/L):					2.1	Plankton #/L:					109				
Blue-greens (#/L):					9	Greens (#/L):					0	Diatoms (#/L):					0	Other algae (#/L):					89																

Goose (Minnehaha) County: **Sullivan** Sample Location: **Deep Hole** Date: **8/9/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	13.1	0.6	13	7	63.6	8.3	7.3	334.8	454.3	103	158	0.036	0.379	0.071	0.838	25.49	0.022	0.03	0.018	2.015	1.056	3.417	29																
																							Intermediate																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	27	27	27	27	27	26	21	17	15	13	13	13	13	13																									
DO	6	5.4	4.7	4.4	4.2	3.6	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3																							
% Water Column Oxid:					25	Blue-Green Dominance %:					43	Notes:						Rotifers (#/L):					107	Zooplankton (#/L):					3.2	Plankton #/L:					527				
Blue-greens (#/L):					226	Greens (#/L):					0	Diatoms (#/L):					155	Other algae (#/L):					36																

Clean Lakes Program Data Summary

1999

Green Valley

County: **Vigo**

Sample Location: **Deep Hole**

Date: **7/21/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:															
1999	4.6	1.1	24	8	101	8.4	6.9	331	313	88	102	0.012	0.011	0.099	0.097	21.75	0.022	0.022	0.018	0.018	1.096	1.164	19 High															
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
Temp	33	32	32	30	25	18																																
DO	10	10	8	2.5	0.2	0.2																																
% Water Column Oxid:					47	Blue-Green Dominance %:					40	Notes:																										
Blue-greens (#/L):			630	Greens (#/L):			88	Diatoms (#/L):			264	Other algae (#/L):			440	Rotifers (#/L):			132	Zooplankton (#/L):			31	Plankton #/L:			1584											

High Rock

County: **Sullivan**

Sample Location: **Deep Hole**

Date: **8/10/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999		2	42	13	108.7	7.7	6.8	2677	3004	221	402	0.008	0.01	0.065	0.033	2.61	0.022	0.022	0.018	0.056	0.588	1.015	7 High																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	29	29	28	28	26	22	19																																
DO	9	8.6	8.4	8.5	6.3	1.4	0.2																																
% Water Column Oxid:					80	Blue-Green Dominance %:					40	Notes:																											
Blue-greens (#/L):			75	Greens (#/L):			6	Diatoms (#/L):			23	Other algae (#/L):			29	Rotifers (#/L):			40	Zooplankton (#/L):			14.7	Plankton #/L:			188												

Holem

County: **Marshall**

Sample Location: **Deep Hole**

Date: **7/19/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	8.5	3.5	55	17	90	8.4	7.4	432	382	156	219	0.014	0.049	0.028	0.207	3.36	0.022	0.022	0.018	0.876	0.38	2.544	22 High																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	26	26	26	25	24	17	12	7.5	5.8	4.9																													
DO	8.3	8	7.4	7.1	5.9	4.8	0.9	0.3	0.1	0.1																													
% Water Column Oxid:					70	Blue-Green Dominance %:					54	Notes:																											
Blue-greens (#/L):			1088	Greens (#/L):			46	Diatoms (#/L):			34	Other algae (#/L):			744	Rotifers (#/L):			69	Zooplankton (#/L):			35.7	Plankton #/L:			2017												

Clean Lakes Program Data Summary

1999

Holiday County: **Montgomery** Sample Location: **Deep Hole** Date: **8/2/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																		
1999	27.4	0.7	18	7.3	91.3	7.6	6.7	319	321.1	85	133	0.006	0.127	0.072	0.179	34.39	0.166	0.022	0.018	2.628	0.963	4.125	27 <i>Intermediate</i>																		
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35				
Temp	29	30	30	29	29	29	23	19	15	13	11	10	9.9																												
DO	7.2	7.2	7.0	7.1	7	7	0.1	0.1	0.1	0.1	0.1	0.1	0.1																												
% Water Column Oxid:					26.4	Blue-Green Dominance %:					4	Notes:																													
Blue-greens (#/L):					20	Greens (#/L):					10	Diatoms (#/L):					231	Other algae (#/L):					0	Rotifers (#/L):					191	Zooplankton (#/L):					9.1	Plankton #/L:					460

Hominy Ridge County: **Wabash** Sample Location: **Deep Hole** Date: **6/30/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																		
1999	4.9	3.1	72	13.5	104.8	8.6	8.2	289.2	304.4	100.6	120.4	0.008	0.009	0.044	0.059	2.79	0.074	0.158	0.045	0.071	0.694	1.196	7 <i>High</i>																		
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35				
Temp	28	26	26	26	23	18																																			
DO	9.1	8.7	8.5	8.4	12	2.5																																			
% Water Column Oxid:					100	Blue-Green Dominance %:					1	Notes:																													
Blue-greens (#/L):					207	Greens (#/L):					1976	Diatoms (#/L):					0	Other algae (#/L):					14884	Rotifers (#/L):					719	Zooplankton (#/L):					21.4	Plankton #/L:					17807

Hovey County: **Posey** Sample Location: **Deep Hole** Date: **8/4/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																		
1999	2.1	0.2	1	2	40	7.5		427		134		0.022		0.283		95.8	0.022		0.05		2.602		28 <i>Intermediate</i>																		
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35				
Temp	29	29	29	29																																					
DO	6.3	3.3	3	3																																					
% Water Column Oxid:					100	Blue-Green Dominance %:					51	Notes:																													
Blue-greens (#/L):					833	Greens (#/L):					139	Diatoms (#/L):					0	Other algae (#/L):					370	Rotifers (#/L):					278	Zooplankton (#/L):					5.3	Plankton #/L:					1625

Clean Lakes Program Data Summary

1999

Hudson			County: LaPorte										Sample Location: Deep Hole										Date: 7/6/1999																																		
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																		
1999	12.8	2.4	36	23	103	7.8	7.1	356	315	113.5	152	0.005	0.022	0.035	0.063	3.01	0.024	0.022	0.018	0.521	0.544	1.085	8																																		
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																				
Temp	28	28	28	28	28	28	23	19	17	16																																															
DO	7.9	7.9	8	7.9	7.9	7.9	7.6	3.1	0.6	0.5																																															
% Water Column Oxid:			51					Blue-Green Dominance %:					30					Notes:																																							
Blue-greens (#/L):			337					Greens (#/L):					159					Diatoms (#/L):			50					Other algae (#/L):			506					Rotifers (#/L):			50					Zooplankton (#/L):			11.7					Plankton #/L:			1113				

Island			County: Sullivan										Sample Location: Deep Hole										Date: 8/10/1999																																		
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																		
1999	24.1	1.5	39	21	106.5	8.1	7.1	3040	2377	278	473	0.015	0.015	0.026	0.029	2.02	0.022	0.062	0.018	0.018	0.529	0.533	10																																		
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																				
Temp	28	28	28	28	27	27	23	18	15	13	12	11	10	10	10	9.3	8.8	8.8																																							
DO	8.4	8.4	8.3	8.1	8.1	7.9	6.9	6.5	7.1	6.4	6.3	6.3	5.9	5.2	5.1	4.3	2.2	0.7																																							
% Water Column Oxid:			100					Blue-Green Dominance %:					50					Notes:																																							
Blue-greens (#/L):			50					Greens (#/L):					0					Diatoms (#/L):			14					Other algae (#/L):			27					Rotifers (#/L):			5					Zooplankton (#/L):			5.3					Plankton #/L:			101				

Izaak Walton (Lazy L)			County: Vigo										Sample Location: Deep Hole										Date: 7/26/1999																																		
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																		
1999	8.2	0.7	16	9	117	8.6	7	498	355	127	185	0.02	0.199	0.092	0.372	40.34	0.022	0.022	0.018	1.163	0.978	4.249	27																																		
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																				
Temp	33	33	32	32	30	24	17	13	11	9.9																																															
DO	9.1	9.8	8.8	5.2	0.2	0.2	0.2	0.2	0.2	0.2																																															
% Water Column Oxid:			36					Blue-Green Dominance %:					26					Notes:																																							
Blue-greens (#/L):			126					Greens (#/L):					7					Diatoms (#/L):			126					Other algae (#/L):			66					Rotifers (#/L):			159					Zooplankton (#/L):			2.1					Plankton #/L:			487				

Clean Lakes Program Data Summary

1999

J Pit (Templeton)

County: **Sullivan**

Sample Location: **Deep Hole**

Date: **8/10/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:															
1999	7.6	4	66	24	104	7.5	6.7	1665	1291	205	268	0.031	0.02	0.017	0.055	0.78	0.022	0.022	0.018	0.613	0.422	0.453	4 High															
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
Temp	28	28	27	27	22	18	15	14	13																													
DO	8.3	8.2	8.3	8.3	8.7	6.7	5.8	6.1	4.2																													
% Water Column Oxidation: 100					Blue-Green Dominance %: 33					Notes:																												
Blue-greens (#/L): 55			Greens (#/L): 4			Diatoms (#/L): 29			Other algae (#/L): 55					Rotifers (#/L): 11			Zooplankton (#/L): 12.3			Plankton #/L: 167																		

Kickapoo

County: **Sullivan**

Sample Location: **Deep Hole**

Date: **8/3/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:															
1999	12.2	4.5	50	22	88.7	7.1	6.8	234.3	185.2	71	105	0.016	0.115	0.037	0.321	4.39	0.022	0.845	0.018	0.436	0.478	0.744	24 High															
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
Temp	30	30	30	30	30	27	22	16	12	11	9.8	9.2	8.8																									
DO	7.2	6.9	6.3	6.3	5.9	5.8	9.4	6.4	0.3	0.3	0.2	0.2	0.2	0.2																								
% Water Column Oxidation: 58.3					Blue-Green Dominance %: 59					Notes:																												
Blue-greens (#/L): 2130			Greens (#/L): 17			Diatoms (#/L): 33			Other algae (#/L): 1354					Rotifers (#/L): 66			Zooplankton (#/L): 22.2			Plankton #/L: 3622																		

Koontz

County: **Starke**

Sample Location: **Deep Hole**

Date: **7/12/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	9.45	1.5	46	12.5	100	7.9	6.7	393	349	129	174.5	0.009	0.015	0.065	0.063	7.01	0.022	0.022	0.018	1.084	0.952	2.022	20 High																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	24	24	24	24	24	23	22	16	13																														
DO	8.6	8.6	8.4	8.3	8.1	5.2	0.8	0.2	0.2																														
% Water Column Oxidation: 59					Blue-Green Dominance %: 6					Notes:																													
Blue-greens (#/L): 193			Greens (#/L): 1633			Diatoms (#/L): 1170			Other algae (#/L): 180					Rotifers (#/L): 103			Zooplankton (#/L): 11.1			Plankton #/L: 3289																			

Clean Lakes Program Data Summary

1999

Kreighbaum

County: **Marshall**

Sample Location: **Deep Hole**

Date: **7/19/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:															
1999	10.1	2.1	72	16	96	8.2	7.3	400	320	130	191	0.012	0.264	0.063	0.178	4.95	0.022	0.022	0.033	1.88	0.943	3.499	25 High															
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
Temp	26	26	26	26	23	19	13	9	7	6	5	5																										
DO	7.9	7.8	7.8	7.9	6.2	2.5	0.4	0.2	0.1	0.1	0.1	0.1	0.1																									
% Water Column Oxid:					50	Blue-Green Dominance %:					58	Notes:																										
Blue-greens (#/L):			2853	Greens (#/L):			156	Diatoms (#/L):			957	Other algae (#/L):			840	Rotifers (#/L):			137	Zooplankton (#/L):			19.6	Plankton #/L:			4963											

Kunkel

County: **Wells**

Sample Location: **Deep Hole**

Date: **6/30/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:															
1999	5.8	0.8	18	7.22	77.4	8.4	7.4	262	282	99	119.5	0.006	0.078	0.091	0.131	0.56	0.022	0.022	0.008	0.578	0.899	1.462	19 High															
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
Temp	27	26	26	26	23	17																																
DO	7.1	6.8	6.3	5.6	0.1	0.1																																
% Water Column Oxid:					50	Blue-Green Dominance %:					40	Notes:																										
Blue-greens (#/L):			234	Greens (#/L):			36	Diatoms (#/L):			18	Other algae (#/L):			144	Rotifers (#/L):			72	Zooplankton (#/L):			85.6	Plankton #/L:			590											

Lake of the Woods

County: **Marshall**

Sample Location: **Deep Hole**

Date: **7/5/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:															
1999	14.6	0.5	8	4.59	142	7.5	6.8	448	399	132	182.5	0.005	0.099	0.09	0.163	40.81	1.289	0.778	0.038	1.494	2.072	2.342	42 Intermediate															
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
Temp	29	29	28	28	26	24	21	20	17	16	15	14	14	14	14																							
DO	11	11	11	11	5.8	1.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1																						
% Water Column Oxid:					30	Blue-Green Dominance %:					81	Notes:																										
Blue-greens (#/L):			12898	Greens (#/L):			787	Diatoms (#/L):			0	Other algae (#/L):			1701	Rotifers (#/L):			533	Zooplankton (#/L):			11.6	Plankton #/L:			15931											

Clean Lakes Program Data Summary

1999

Lawrence County: **Marshall** Sample Location: **Deep Hole** Date: **8/12/2000**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	19.2	2.9	35	25	95.4	8.6	7.3	381	294	126	184	0.026	0.135	0.029	0.248	2.6	0.022	0.022	0.018	1.349	0.493	2.106	16 High																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	26	26	26	26	26	26	22	16	12	8.5	7.4	6.8	6.2	5.9	5.7	5.6	5.5	5.5																					
DO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																					
% Water Column Oxid: 62.5					Blue-Green Dominance %: 12					Notes:																													
Blue-greens (#/L): 105			Greens (#/L): 60			Diatoms (#/L): 501			Other algae (#/L): 187			Rotifers (#/L): 29			Zooplankton (#/L): 2.6			Plankton #/L: 884																					

Lenape County: **Greene** Sample Location: **Deep Hole** Date: **8/3/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	8.8	0.9	27	8	126.9	8.9	6.8	251.8	300	74	80	0.016	2.493	0.072	2.813	36.68	0.022	0.022	0.018	0.018	0.873	8.514	40 Intermediate																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	31	30	30	29	27	20	15	11	9.3	7.9	7.6																												
DO	9.6	9.6	9.6	8.9	0.8	0.2	0.2	0.2	0.2	0.2	0.2																												
% Water Column Oxid: 33					Blue-Green Dominance %: 51					Notes:																													
Blue-greens (#/L): 1962			Greens (#/L): 82			Diatoms (#/L): 1581			Other algae (#/L): 191			Rotifers (#/L): 55			Zooplankton (#/L): 6.8			Plankton #/L: 3877																					

Lily County: **LaPorte** Sample Location: **Deep Hole** Date: **7/13/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	6.7	2.1	37	12	72	6.9	6.8	379	375	79	90.5	0.01	0.011	0.065	0.089	4.14	0.022	0.022	0.025	0.158	0.883	0.457	11 High																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	24	23	22	22	21	17	13	9.2																															
DO	8.4	7.8	6.3	7.2	0.6	0.4	0.2	0.1																															
% Water Column Oxid: 60					Blue-Green Dominance %: 41					Notes:																													
Blue-greens (#/L): 2869			Greens (#/L): 137			Diatoms (#/L): 410			Other algae (#/L): 3097			Rotifers (#/L): 319			Zooplankton (#/L): 158.6			Plankton #/L: 6990																					

Clean Lakes Program Data Summary

1999

Long			County: Porter											Sample Location: Deep Hole											Date: 7/20/1999																																										
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																												
1999	7.3	3.2	25	15	93	7.5	6.8	240	210	61	82.5	0.014	0.014	0.044	0.103	4.84	0.022	0.022	0.018	0.018	0.697	0.23	19																																												
																							High																																												
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																														
Temp	25	25	25	24	24	21	13	9	7																																																										
DO	7.9	7.9	7.7	7.5	5.6	0.4	0.1	0.1	0.1																																																										
% Water Column Oxid:			57					Blue-Green Dominance %:					57					Notes:																																																	
Blue-greens (#/L):			1271					Greens (#/L):					247					Diatoms (#/L):					272					Other algae (#/L):					321					Rotifers (#/L):					62					Zooplankton (#/L):					68.3					Plankton #/L:					2240				

Long (Dugger)			County: Sullivan											Sample Location: Deep Hole											Date: 8/16/1999																																										
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																												
1999	21.9	6.2	40	32	90.3	7.9	6.8	730	515	76	119	0.011	0.014	0.034	0.049	0.72	0.022	0.022	0.018	0.127	0.525	0.626	6																																												
																							High																																												
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																														
Temp	27	27	27	27	27	27	27	27	20	17	14	13	11	10	9.7	9.3	9.1	8.9	8.8	8.8	8.7	8.7	8.6																																												
DO	7.2	7.1	7.2	7.2	7.2	7.2	7.1	7	12	12	10	8.4	7.4	6.3	5.3	4.5	3.5	2.7	2.2	1.4	1	0.6	0.2																																												
% Water Column Oxid:			95.2					Blue-Green Dominance %:					20					Notes:																																																	
Blue-greens (#/L):			29					Greens (#/L):					0					Diatoms (#/L):					5					Other algae (#/L):					90					Rotifers (#/L):					14					Zooplankton (#/L):					3.6					Plankton #/L:					142				

Loomis			County: Porter											Sample Location: Deep Hole											Date: 7/20/1999																																										
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																												
1999	15.5	1.6	24	10.5	109	8.7	7.3	400	290	88.5	131	0.012	0.642	0.035	0.775	14.28	0.022	0.022	0.063	2.27	0.709	2.873	30																																												
																							Intermediate																																												
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																														
Temp	25	25	25	25	24	18	13	9.5	7	5	4.5	4	4	4	3.5	3.5	3.5																																																		
DO	9.1	9.1	9	7	1	0.3	0.3	0.3	1.8	4.5	2	0.5	0.3	0.3	0.3	0.2	0.2																																																		
% Water Column Oxid:			85					Blue-Green Dominance %:					61					Notes:																																																	
Blue-greens (#/L):			4051					Greens (#/L):					1151					Diatoms (#/L):					128					Other algae (#/L):					1109					Rotifers (#/L):					128					Zooplankton (#/L):					107.7					Plankton #/L:					6674				

Clean Lakes Program Data Summary

1999

Loon		County: Sullivan														Sample Location: Deep Hole										Date: 8/9/1999																													
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																
1999	23.8	3.7	43	36	108	8.5	7.2	750	485	96	115	0.012	0.013	0.059	0.024	0.62	0.022	0.022	0.018	0.018	0.411	0.403	5 High																																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																		
Temp	28	29	28	28	28	28	27	22	19	15	11	9.6	8.8	8.4	8.1	7.8	7.7	7.4	7.3	7.2	7.1	7.1	7	7																															
DO	8.4	8.5	8.4	8.3	8.4	8.4	9.5	10	11	10	8.2	6.8	5.9	5.9	5.5	5.7	5.5	5.2	5.1	4.8	4.6	4.5	4.4	2.2																															
% Water Column Oxid:				100				Blue-Green Dominance %:				22				Notes:																																							
Blue-greens (#/L):				18				Greens (#/L):				0				Diatoms (#/L):				2				Other algae (#/L):				48				Rotifers (#/L):				14				Zooplankton (#/L):				1.6				Plankton #/L:				83			

Lost (Hawks)		County: Marshall														Sample Location: Deep Hole										Date: 7/5/1999																													
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																
1999	1.2	1	50	3.28		9		342		102		0.002		0.053		3.47	0.022		0.019		1.121																																		
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																		
Temp	30	30																																																					
DO	9.8	11																																																					
% Water Column Oxid:				100				Blue-Green Dominance %:				21				Notes:				D.O. saturation not measured due to depth																																			
Blue-greens (#/L):				887				Greens (#/L):				222				Diatoms (#/L):				776				Other algae (#/L):				610				Rotifers (#/L):				554				Zooplankton (#/L):				99.7				Plankton #/L:				3149			

Mansfield Reservoir (Harden)		County: Parke														Sample Location: Deep Hole										Date: 8/2/1999																													
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																
1999	18.3	0.9	32	5	141.5	7.9	7.3	387.6		115	193	0.009	0.02	0.069	0.089	25.62	2.174	1.447	0.018	0.841	1.129	1.153	24 High																																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																		
Temp	30	30	30	30	30	30	30	30	26	24	21	20	18	17	15	14	14																																						
DO	11	11	11	11	11	11	11	11	10	9.8	0.2	0.2	0.2	0.2	0.2	0.2																																							
% Water Column Oxid:				53.3				Blue-Green Dominance %:				25				Notes:																																							
Blue-greens (#/L):				180				Greens (#/L):				18				Diatoms (#/L):				306				Other algae (#/L):				0				Rotifers (#/L):				198				Zooplankton (#/L):				24.2				Plankton #/L:				726			

Clean Lakes Program Data Summary

1999

Mill Pond

County: **Marshall**

Sample Location: **Deep Hole**

Date: **7/19/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:															
1999	4.9	1.3	22	10	75	8	7.3	390	355	150	149	0.01	0.01	0.043	0.078	17.55	0.022	0.022	0.018	0.018	1.386	1.374	18 High															
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
Temp	26	26	26	24	21																																	
DO	8.2	8.3	6.1	3.6	0.3																																	
% Water Column Oxidation: 100					Blue-Green Dominance %: 25					Notes:																												
Blue-greens (#/L): 2274					Greens (#/L): 3189					Diatoms (#/L): 144					Other algae (#/L): 2993					Rotifers (#/L): 457					Zooplankton (#/L): 97					Plankton #/L: 9154								

Mohawk (Glendora)

County: **Sullivan**

Sample Location: **Deep Hole**

Date: **8/9/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	15.2	1	14	15	101	8.1	7.7	1540	994	204	262	0.01	0.016	0.041	0.068	3.46	0.022	0.022	0.018	0.365	0.672	1.291	27 Intermediate																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	28	27	27	27	26	25	20	16	13	11	9.9	9.2	8.9	8.6	8.2	7.9	7.7																						
DO	7.8	8.0	8.1	7.3	6.3	3.4	0.8	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	
% Water Column Oxidation: 33					Blue-Green Dominance %: 54					Notes:																													
Blue-greens (#/L): 151					Greens (#/L): 10					Diatoms (#/L): 39					Other algae (#/L): 39					Rotifers (#/L): 39					Zooplankton (#/L): 5.6					Plankton #/L: 282									

Moser

County: **Wells**

Sample Location: **Deep Hole**

Date: **6/30/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	2.1	0.7	10	3.5	47.3	8.9		416		102.5		0.023		0.306		196.3	1.507		0.021		0.603		19 High																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	27	25	24																																				
DO	19	10	5.6																																				
% Water Column Oxidation: 100					Blue-Green Dominance %: 1					Notes:																													
Blue-greens (#/L): 31					Greens (#/L): 864					Diatoms (#/L): 123					Other algae (#/L): 2067					Rotifers (#/L): 432					Zooplankton (#/L): 162.2					Plankton #/L: 3679									

Clean Lakes Program Data Summary

1999

Myers		County: Marshall										Sample Location: Deep Hole										Date: 8/12/1999																																													
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																												
1999	18	1.4	45	17	82.1	84	7.6	393	279	139	176	0.028	0.105	0.028	0.108	3	0.022	0.022	0.018	0.574	0.883	1.225	20																																												
																							<i>High</i>																																												
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																														
Temp	26	26	26	26	26	25	20	16	12	10	8.3	7.1	6.7	6.4	6.1	5.9	5.8																																																		
DO	7.2	7.1	7.1	7	7	5.1	1.6	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2																																																			
% Water Column Oxic:			33					Blue-Green Dominance %:					25					Notes:																																																	
Blue-greens (#/L):			208					Greens (#/L):					46					Diatoms (#/L):					307					Other algae (#/L):					214					Rotifers (#/L):					40					Zooplankton (#/L):					17.2					Plankton #/L:					833				

North		County: Vigo										Sample Location: Deep Hole										Date: 7/26/1999																																													
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																												
1999	8.5	1	19	11.5	120	8.7	7.1	485	479	128	255	0.012	0.137	0.04	0.221	8.28	0.022	0.022	0.018	1.339	0.896	2.912	27																																												
																							<i>Intermediate</i>																																												
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																														
Temp	33	32	32	31	29	24	16	11	9.8	9.4																																																									
DO	9.6	9.4	8.6	8	2.4	0.3	0.2	0.2	0.2	0.2																																																									
% Water Column Oxic:			47					Blue-Green Dominance %:					12					Notes:																																																	
Blue-greens (#/L):			269					Greens (#/L):					28					Diatoms (#/L):					1485					Other algae (#/L):					283					Rotifers (#/L):					226					Zooplankton (#/L):					16.7					Plankton #/L:					2308				

Pine (North & South)		County: LaPorte										Sample Location: Deep Hole										Date: 7/13/1999																																													
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																												
1999	16.5	5.8	85	31.5	102	6.9	6.5	305	295	65	98.5	0.009	0.094	0.01	0.01	1.18	0.022	0.022	0.052	0.692	0.605	0.92	5																																												
																							<i>High</i>																																												
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																														
Temp	24	24	24	24	24	24	24	21	16	13	11	9.5	8.5	8	7	7	6.5	6																																																	
DO	8.6	8.6	8.6	8.6	8.5	8.5	8.1	7.6	5	4.2	2.6	0.6	0.4	0.4	0.3	0.2	0.2	0.2																																																	
% Water Column Oxic:			60					Blue-Green Dominance %:					1					Notes:																																																	
Blue-greens (#/L):			17					Greens (#/L):					7					Diatoms (#/L):					967					Other algae (#/L):					252					Rotifers (#/L):					20					Zooplankton (#/L):					6.1					Plankton #/L:					1270				

Clean Lakes Program Data Summary

1999

Pintail		County: Sullivan										Sample Location: Deep Hole										Date: 8/9/1999																																																					
Year	1999	Max Depth (m)	13.7	Secchi (m)	3.9	Light@3' (%)	61	1% Light Level (ft)	28	DO @5' (%)	116.4	pH - epi	7.7	pH - hypso	7	Cond - epi	359.3	Cond - hyp	259	Alk - epi	315	Alk - hypso	495	SRP - epi	0.018	SRP - hyp	0.03	TP - epi	0.031	TP - hypso	0.072	Chl a	1.45	NO3 - epi	0.022	NO3 - hyp	0.022	NH3 - epi	0.018	NH3 - hyp	0.848	TKN - epi	0.339	TKN - hyp	1.33	ITSI:	8																												
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	Temp	29	29	29	29	28	28	21	16	14	12	11	9.7	9.3	9	8.7	DO	8.9	8.9	9	9.0	9.2	11	17	17	12	9.5	6.2	0.3	0.3	0.3	0.3	% Water Column Oxid:	69.2	Blue-Green Dominance %:	11	Notes:	
Blue-greens (#/L):	9	Greens (#/L):	6	Diatoms (#/L):	0	Other algae (#/L):	37	Rotifers (#/L):	25	Zooplankton (#/L):	2	Plankton #/L:	79																																																														

Placid		County: Blackford										Sample Location: Deep Hole										Date: 6/30/1999																																	
Year	1999	Max Depth (m)	3.7	Secchi (m)	0.6	Light@3' (%)	8	1% Light Level (ft)	4.92	DO @5' (%)	74	pH - epi	8.3	pH - hypso		Cond - epi	260	Cond - hyp		Alk - epi	94.5	Alk - hypso		SRP - epi	0.011	SRP - hyp		TP - epi	0.104	TP - hypso		Chl a	38.32	NO3 - epi	0.022	NO3 - hyp		NH3 - epi	0.018	NH3 - hyp		TKN - epi	1.344	TKN - hyp		ITSI:	27								
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	Temp	26	26	26	26	24	DO	6.9	6.4	6	5.8	0.2	% Water Column Oxid:	67	Blue-Green Dominance %:	54	Notes:	
Blue-greens (#/L):	645	Greens (#/L):	0	Diatoms (#/L):	111	Other algae (#/L):	111	Rotifers (#/L):	203	Zooplankton (#/L):	118.7	Plankton #/L:	1187																																										

Pleasant		County: St Joseph										Sample Location: Deep Hole										Date: 7/12/1999																																											
Year	1999	Max Depth (m)	11.9	Secchi (m)	0.7	Light@3' (%)	11	1% Light Level (ft)	6	DO @5' (%)	84	pH - epi	7.5	pH - hypso	6.6	Cond - epi	323	Cond - hyp	250	Alk - epi	88	Alk - hypso	105.5	SRP - epi	0.01	SRP - hyp	0.055	TP - epi	0.099	TP - hypso	0.195	Chl a	20.1	NO3 - epi	0.426	NO3 - hyp	0.401	NH3 - epi	0.018	NH3 - hyp	0.855	TKN - epi	1.92	TKN - hyp	3.256	ITSI:	25																		
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	Temp	24	23	23	23	21	15	10	7.5	7	6	DO	8.6	9.2	7.2	5	1.3	0.3	0.2	0.2	0	0.1	% Water Column Oxid:	47	Blue-Green Dominance %:	21	Notes:	
Blue-greens (#/L):	450	Greens (#/L):	402	Diatoms (#/L):	337	Other algae (#/L):	386	Rotifers (#/L):	530	Zooplankton (#/L):	53	Plankton #/L:	2158																																																				

Clean Lakes Program Data Summary

1999

Pretty		County: Marshall										Sample Location: Deep Hole										Date: 7/19/1999																	
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	12.2	3.2	75	26	117	8.1	7.2	275	220	93	148	0.017	0.017	0.028	0.217	1.34	0.022	0.022	0.018	0.018	0.675	1.095	6																
																							High																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	27	27	27	27	27	25	20	16	12	9	7	7																											
DO	8.9	9.5	9.3	9.2	9.3	10	15	11	3.1	1	0.5	0.5																											
% Water Column Oxidation: 100																							Blue-Green Dominance %: 47					Notes:											
Blue-greens (#/L): 275				Greens (#/L): 48				Diatoms (#/L): 10				Other algae (#/L): 212				Rotifers (#/L): 29			Zooplankton (#/L): 6.5			Plankton #/L: 580																	

Pump		County: Sullivan										Sample Location: Deep Hole										Date: 8/16/1999																	
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	18.3	5.3	74	47	96.3	8.1	7.2	2051	1413	128	148	0.014	0.009	0.01	0.019	0.4	0.022	0.026	0.018	0.019	0.365	0.403	0																
																							High																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	28	27	27	27	27	27	27	26	22	18	15	13	11	10	9.5	9.4	9.3	9.3	9.3																				
DO	7.7	7.7	7.6	7.6	7.6	7.6	7.5	7.5	9.7	9.9	9.8	9.8	9.2	7.8	6.6	4.5	4	3.6	3.3																				
% Water Column Oxidation: 100																							Blue-Green Dominance %: 10					Notes:											
Blue-greens (#/L): 4				Greens (#/L): 4				Diatoms (#/L): 2				Other algae (#/L): 25				Rotifers (#/L): 2			Zooplankton (#/L): 2.4			Plankton #/L: 39																	

Riddles		County: St Joseph										Sample Location: Deep Hole										Date: 7/12/1999																	
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	6.1	0.9	12	5	67	7.1	6.7	342	340	120.2	126.5	0.016	0.127	0.108	0.238	101.3	0.022	0.022	0.018	0.678	2.05	2.342	26																
																							Intermediate																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	25	23	23	23	22	18	15																																
DO	10	7.6	5.8	2.2	0	0	0																																
% Water Column Oxidation: 36																							Blue-Green Dominance %: 40					Notes:											
Blue-greens (#/L): 6412				Greens (#/L): 2013				Diatoms (#/L): 671				Other algae (#/L): 6561				Rotifers (#/L): 522			Zooplankton (#/L): 39			Plankton #/L: 16219																	

Clean Lakes Program Data Summary

1999

Rockville		County: Parke										Sample Location: Deep Hole										Date: 8/2/1999																	
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	6.4	0.3	1	3	53.3	10	6.9	239.2	340.2	125	173	0.016	0.213	0.17	0.263	135.7	0.022	0.022	0.018	1.641	1.945	3.872	40																
																							Intermediate																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	29	29	28	26	23	21	18	14																															
DO	11	9.2	4.4	0.1	0.1	0.1	0.1	0.1																															
% Water Column Oxid:					25	Blue-Green Dominance %:					71	Notes:						Rotifers (#/L):					1558	Zooplankton (#/L):					1.5	Plankton #/L:					7337				
Blue-greens (#/L):					5194	Greens (#/L):					454	Diatoms (#/L):					0	Other algae (#/L):					130																

Salamonie Reservoir		County: Huntington										Sample Location: Deep Hole										Date: 6/30/1999																		
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																	
1999	18.3	1.2	32	11.5	111	8.6	7.6	450	441	122.5	210	0.006	0.081	0.051	0.02	17.68	4.928	3.491	0.024	0.902	1.069	1.107	24																	
																							High																	
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35			
Temp	26	26	26	26	26	24	24	23	21	21	20	19	19	18	18	18	18	17	17																					
DO	9.4	9.1	8.9	9.0	8.4	6.7	5.8	2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2		
% Water Column Oxid:					33	Blue-Green Dominance %:					9	Notes:						Rotifers (#/L):					450	Zooplankton (#/L):					31.6	Plankton #/L:					3392					
Blue-greens (#/L):					303	Greens (#/L):					73	Diatoms (#/L):					0	Other algae (#/L):					2534																	

Saugany		County: LaPorte										Sample Location: Deep Hole										Date: 7/6/1999																	
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	20.1	5.1	44	31.2	97.8	7.4	6.8	465.5	289.6	60.5	77.75	0.002	0.054	0.043	0.15	0.9	0.022	0.022	0.023	0.579	0.641	1.176																	
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	28	28	28	28	26	25	22	18	13	12	9.5	8	7	6.6	6.3	6	5.8	5.7	5.7	5.6	5.6	5.6																	
DO	7.9	7.7	7.6	7.5	8.4	8.4	12	13	14	15	13	8.9	5.5	4	3.1	2.4	1.4	0.5	0.2	0.2	0.3	0.2																	
% Water Column Oxid:					80	Blue-Green Dominance %:						Notes:					Plankton sample not preserved	Rotifers (#/L):						Zooplankton (#/L):						Plankton #/L:					0				
Blue-greens (#/L):						Greens (#/L):						Diatoms (#/L):						Other algae (#/L):																					

Clean Lakes Program Data Summary

1999

Shakamak

County: **Sullivan**Sample Location: **Deep Hole**Date: **8/3/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:
1999	7.9	2.2	26	12.5	77.9	6.8	6.4	283.7		84	116	0.008	0.02	0.059	0.135	15.83	0.022	0.022	0.018	1.487	0.634	3.8	14

High

Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Temp	31	30	29	29	27	18	14	10																													
DO	6.0	6.1	6	6.2	4.4	1.2	0.2	0.2																													

% Water Column Oxid: 80 Blue-Green Dominance %: 23 Notes:
Blue-greens (#/L): 796 Greens (#/L): 586 Diatoms (#/L): 42 Other algae (#/L): 1717 Rotifers (#/L): 293 Zooplankton (#/L): 15.2 Plankton #/L: 3449

South

County: **Vigo**Sample Location: **Deep Hole**Date: **7/26/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:
1999	4	0.8	10	7	77.1	9.1	7.9	387	386	111	105	0.015	0.017	0.096	0.1	39.69	0.022	0.022	0.018	0.018	1.355	1.063	18

High

Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Temp	33	33	32	31	30																																
DO	14	10	5.6	4.5	0.2																																

% Water Column Oxid: 51 Blue-Green Dominance %: 18 Notes:
Blue-greens (#/L): 228 Greens (#/L): 30 Diatoms (#/L): 455 Other algae (#/L): 121 Rotifers (#/L): 410 Zooplankton (#/L): 2.8 Plankton #/L: 1247

Stick-up

County: **Sullivan**Sample Location: **Deep Hole**Date: **8/9/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:
1999	1.2	0.4	1	3	0	9		181		54		0.11		0.444		61.64	0.022		0.21		2.244		22

High

Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Temp	26	26																																			
DO	4.1	2.5																																			

% Water Column Oxid: 100 Blue-Green Dominance %: 37 Notes:
Blue-greens (#/L): 1386 Greens (#/L): 882 Diatoms (#/L): 1071 Other algae (#/L): 220 Rotifers (#/L): 94 Zooplankton (#/L): 136.2 Plankton #/L: 3790

Clean Lakes Program Data Summary

1999

Stone		County: LaPorte										Sample Location: Deep Hole										Date: 7/13/1999																																															
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																														
1999	8.2	6.7	57	30.5	105	8.2	6.8	280	235	77	98	0.01	0.008	0.041	0.048	0.02	0.022	0.022	0.018	0.245	0.863	1.293	18																																														
																							High																																														
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																																
Temp	25	25	24	24	24	24	23	19	15	12	10	8.5	8																																																								
DO	8.8	8.8	8.8	8.7	9	9	8.6	6.5	6.6	5.3	0.5	0.4	0.2																																																								
% Water Column Oxid:					87					Blue-Green Dominance %:					76					Notes:																																																	
Blue-greens (#/L):					3694					Greens (#/L):					93					Diatoms (#/L):					732					Other algae (#/L):					294					Rotifers (#/L):					29					Zooplankton (#/L):					8.3					Plankton #/L:					4849				

Sullivan		County: Sullivan										Sample Location: Deep Hole										Date: 8/3/1999																																															
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																														
1999	7	0.6	5	5.5	68.6	8.3	6.7	261.7	270.8	71	98	0.005	0.15	0.095	0.25	32.64	0.022	0.022	0.018	1.131	1.018	2.371	22																																														
																							High																																														
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																																
Temp	30	30	30	30	30	29	23	20																																																													
DO	6.8	5.2	4.8	4.7	4.4	2.5	0.1	0.1																																																													
% Water Column Oxid:					80					Blue-Green Dominance %:					35					Notes:																																																	
Blue-greens (#/L):					1125					Greens (#/L):					32					Diatoms (#/L):					1125					Other algae (#/L):					707					Rotifers (#/L):					225					Zooplankton (#/L):					5.9					Plankton #/L:					3220				

Thomas		County: Marshall										Sample Location: Deep Hole										Date: 7/19/1999																																															
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																																														
1999	13.1	2.8	48	13.5	58	6.9	6.6	70	100	25	45	0.02	0.181	0.033	0.264	4.79	0.022	0.036	0.018	1.507	0.912	0.928	14																																														
																							High																																														
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35																																
Temp	25	25	23	23	18	11	7	4	3	3	2.5	2.5	2.5	2																																																							
DO	7.2	7	5	5.1	0.7	0.5	6.7	0.4	0.3	0.3	0.3	0.3	0.2	0.2																																																							
% Water Column Oxid:					78					Blue-Green Dominance %:					8					Notes:																																																	
Blue-greens (#/L):					75					Greens (#/L):					11					Diatoms (#/L):					21					Other algae (#/L):					741					Rotifers (#/L):					97					Zooplankton (#/L):					7.1					Plankton #/L:					952				

Clean Lakes Program Data Summary

1999

Turtle		County: Sullivan										Sample Location: Deep Hole										Date: 8/16/1999																
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:															
1999	7.6	3.5	35	21	88.2	7.6	7.9	625	632	75	80	0.019	0.011	0.036	0.026	1.87	0.022	0.022	0.018	0.018	0.765	0.849	7															
																							<i>High</i>															
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	
Temp	26	26	26	26	26	26	26	23	21																													
DO	7.3	7.4	7.2	7.3	7.1	6.7	5.7	0.3	0.1																													
% Water Column Oxid: 71.4					Blue-Green Dominance %: 37					Notes:																												
Blue-greens (#/L): 97			Greens (#/L): 5			Diatoms (#/L): 15			Other algae (#/L): 97					Rotifers (#/L): 29					Zooplankton (#/L): 18.7					Plankton #/L: 261														

Turtle Creek Reservoir		County: Sullivan										Sample Location: Deep Hole										Date: 8/3/1999																		
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																	
1999	10.1	1	19	8	61.6	8.2	8.1	530	601	109	114	0.014	0.019	0.092	0.125	24.49	0.022	0.022	0.018	0.018	1.111	1.36	26																	
																							<i>Intermediate</i>																	
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35			
Temp	31	31	31	31	31	31	31	31	31	30	29																													
DO	4.7	4.7	4.6	4.5	4.5	4.5	4.3	4.6	4.6	4.4	0.1																													
% Water Column Oxid: 88.8					Blue-Green Dominance %: 54					Notes:																														
Blue-greens (#/L): 239			Greens (#/L): 25			Diatoms (#/L): 76			Other algae (#/L): 13					Rotifers (#/L): 88					Zooplankton (#/L): 1.1					Plankton #/L: 442																

Twin		County: Sullivan										Sample Location: Deep Hole										Date: 8/9/1999																					
Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																				
1999	12.2	2.2	65	28	102.9	7.9	7.1	361.6	261.2	291	491	0.03	0.049	0.021	0.041	0.02	0.022	0.022	0.018	2.039	0.436	2.624	10																				
																							<i>High</i>																				
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35						
Temp	29	29	29	28	28	28	22	17	13	11	9.6	8.7	8.3	8.1																													
DO	8.2	8.0	7.9	7.7	7.7	7.3	13	13	11	2.9	0.4	0.3	0.3	0.3																													
% Water Column Oxid: 75					Blue-Green Dominance %: 44					Notes:																																	
Blue-greens (#/L): 34			Greens (#/L): 2			Diatoms (#/L): 2			Other algae (#/L): 31					Rotifers (#/L): 7					Zooplankton (#/L): 0.7					Plankton #/L: 78																			

Clean Lakes Program Data Summary

1999

Waveland County: **Montgomery** Sample Location: **Deep Hole** Date: **8/2/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	4.9	0.5	8	4	72.8	7.4	7.2	329.6	334	116	118	0.014	0.008	0.094	0.112	14.49	0.022	0.022	0.018	0.018	1.094	0.841	27																
																							Intermediate																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	29	29	230	29	29	29	26																																
DO	5.6	5.6	5.6	5.6	5.5	2.1	0.3																																
% Water Column Oxid:					80	Blue-Green Dominance %:					58	Notes:						Rotifers (#/L):					579	Zooplankton (#/L):					41.9	Plankton #/L:					4198				
Blue-greens (#/L):					2419	Greens (#/L):					68	Diatoms (#/L):					988	Other algae (#/L):					102																

White Oak #1 County: **Knox** Sample Location: **Deep Hole** Date: **8/4/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	1.5	0.2	1	2	0	8.2		214		89		0.053		0.336		110.3	0.022		0.152		2.974		32																
																							Intermediate																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	33	28																																					
DO	20	4.4																																					
% Water Column Oxid:					100	Blue-Green Dominance %:					66	Notes:						Rotifers (#/L):					1172	Zooplankton (#/L):					333.6	Plankton #/L:					11569				
Blue-greens (#/L):					7621	Greens (#/L):					0	Diatoms (#/L):					879	Other algae (#/L):					1563																

White Oak #2 County: **Knox** Sample Location: **Deep Hole** Date: **8/4/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hypso	Cond - epi	Cond - hyp	Alk - epi	Alk - hypso	SRP - epi	SRP - hyp	TP - epi	TP - hypso	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:																
1999	4.9	0.9	8	6	58.8	8.3	6.7	216	246	82	118	0.014	0.026	0.099	0.122	33.26	0.022	0.022	0.018	0.768	1.16	1.962	31																
																							Intermediate																
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35		
Temp	32	29	28	26	20	14																																	
DO	8.9	7.7	4.6	2.5	0.4	0.4																																	
% Water Column Oxid:					50	Blue-Green Dominance %:					64	Notes:						Rotifers (#/L):					760	Zooplankton (#/L):					24.7	Plankton #/L:					7520				
Blue-greens (#/L):					4834	Greens (#/L):					326	Diatoms (#/L):					0	Other algae (#/L):					1575																

Clean Lakes Program Data Summary

1999

Worster (Potato Creek)

County: **St Joseph**

Sample Location: **Deep Hole**

Date: **7/5/1999**

Year	Max Depth (m)	Secchi (m)	Light@3' (%)	1% Light Level (ft)	DO @5' (%)	pH - epi	pH - hyp	Cond - epi	Cond - hyp	Alk - epi	Alk - hyp	SRP - epi	SRP - hyp	TP - epi	TP - hyp	Chl a	NO3 - epi	NO3 - hyp	NH3 - epi	NH3 - hyp	TKN - epi	TKN - hyp	ITSI:														
1999	7.62	0.8	17	7.22	114	8.5	7.1	387	380	149	161.5	0.003	0.011	0.053	0.068	22.67	0.022	0.022	0.018	0.125	0.927	1.043	19 High														
Depth	0	1	1.5	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
Temp	29	29	29	29	26	24	22																														
DO	9.9	10	9	9.5	1.2	0.2	0.1																														

% Water Column Oxid: 53 Blue-Green Dominance %: 21 Notes:

Blue-greens (#/L): 756 Greens (#/L): 367 Diatoms (#/L): 734 Other algae (#/L): 1469 Rotifers (#/L): 302 Zooplankton (#/L): 60.5 Plankton #/L: 3689