March 2010

Ohio Environmental Protection Agency

Technical Support Document: Nutrient Criteria for Inland Lakes in Ohio

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

ACKNOWLEDGEMENTS

This document was prepared by Chris Skalski and Paul Anderson of the Ohio EPA Division of Surface Water in collaboration with the Ohio EPA Inland lakes Team. Lakes Team members include the following Ohio EPA staff: Linda Merchant-Masonbrink (Coordinator), Mark Bergman, Jeff Bohne, James Connon, Jeff Deshon, Dan Glomski, Dan Imhoff, AmyJo Klei, Brent Kuenzli, Louise Snyder, and Dianna Zimmerman.

Table of Contents

Technical Support Document: Nutrient Criteria for Inland Lakes in Ohio

1. INTRODUCTION

This document summarizes the methodology used to develop nutrient criteria applicable to inland lakes in Ohio for incorporation into the Ohio Water Quality Standards (Chapter 3745-1 of the Ohio Administrative Code). Nutrient criteria parameters include total nitrogen, total phosphorus chlorophyll a and Secchi disk transparency. US EPA requires all states to adopt nutrient criteria for waters within their jurisdiction following a mutually agreed upon schedule. States have the option to either adopt the federal nutrient criteria or develop and adopt their own nutrient criteria following U.S.EPA guidance (U.S.EPA, 2000). Ohio elected to pursue the development of its own nutrient criteria for streams and rivers, taking advantage of Ohio's well-developed biological assessment program to relate nutrient levels in Ohio waters with biological impairment. Lake monitoring in Ohio is traditionally a far less intensive effort than that for stream and rivers. In addition, Ohio does not have a biological assessment program that can be applied to assess the biological integrity of lakes. As a result of these factors, Ohio chose to adopt the federal nutrient criteria for lakes, with some modifications that are described herein.

Ohio's nutrient criteria for lakes are a statistical derivation based on ambient measurements of Ohio's lakes. Calculation procedures were generally based upon those of U.S. EPA's "Ambient Water Quality Criteria Recommendations for Lakes and Reservoirs". The criteria calculated herein are intended to provide protection for the Lake Habitat aquatic life use designation as well as recreational uses of lakes based upon U.S. EPA's approach of utilizing the 25th percentile of nutrient data from all lakes (75th percentile for Secchi disk transparency). As stated by U.S. EPA, these empirically derived criteria are calculated "to represent conditions of surface waters that are minimally impacted by human activities" and are "intended to address cultural eutrophication". Ohio's approach, while utilizing the same fundamental procedure performed by U.S. EPA in establishing nutrient criteria for lakes, provides further refinement by assigning criteria based upon lake type and subecoregion where the data demonstrated statistically significant differences while utilizing data from lakes within Ohio. Criteria were calculated for four parameters: total phosphorus, total nitrogen, chlorophyll a and transparency (Secchi disk transparency).

2. U.S. EPA'S NUTRIENT CRITERIA FOR LAKES

U.S. EPA published a series of nutrient criteria documents for lakes in December 2000. Each publication covers one of 14 different aggregate ecoregions within the continental U.S. As seen in Figure 1, Ohio falls primarily within aggregate ecoregions VI, VII, and XI.

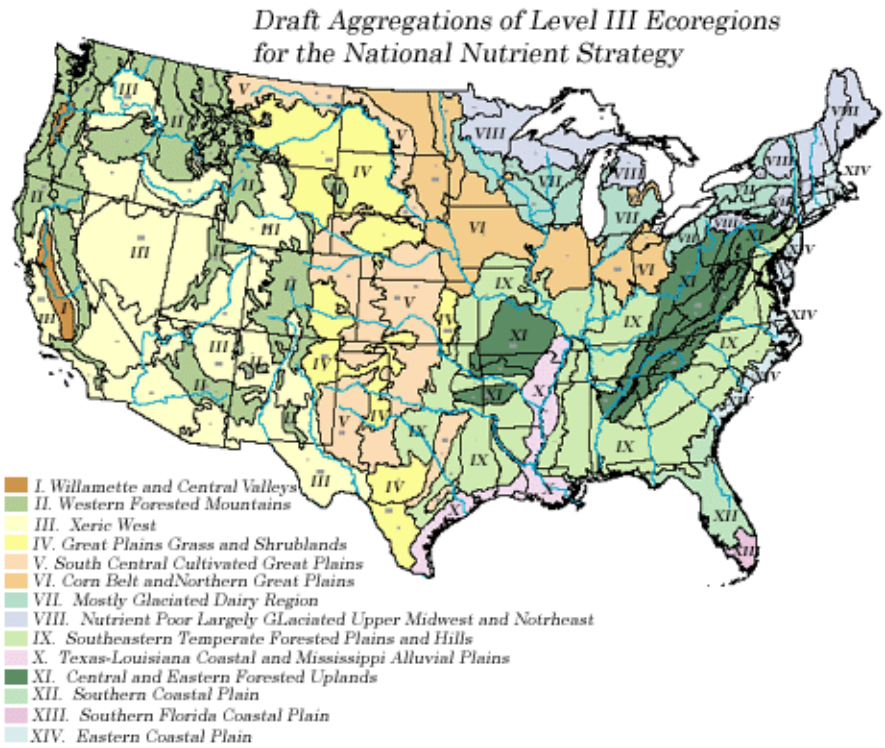

Figure 1. Level III Ecoregions for the National Nutrient Strategy

The nutrient criteria applicable to each ecoregion and a description of the process used to develop the criteria are contained within each document for that particular ecoregion. The primary data source used by U.S. EPA was the legacy STORET database. Using the criteria document for ecoregion VI as an example, data used in the nutrient criteria analysis were extracted from the STORET database submitted from 1990-1998 by ten states lying within the ecoregion. As seen in Figure 2, ecoregion VI is comprised of a number of subecoregions. Subecoregion 55 is the Eastern corn Belts Plains and subecoregion 57 is the Huron Erie Lake Plain, both of which lie partially within Ohio. The remaining subecoregions lie outside of Ohio.

U.S. EPA developed its descriptive statistics using the median values for each lake within an aggregate ecoregion, regardless of lake type, for which data existed. As an example, a single lake for which there were hundreds of observations reported for a particular parameter, such as phosphorus, was reduced down to median phosphorus values for that lake by season. The 25th percentile was determined from the distribution of median values (75th percentile for Secchi disk transparency) for each season, and then the median value of the 25th percentiles (75th percentiles for Secchi disk transparency) for the four seasons was determined as the reference condition for the ecoregion. U.S. EPA used the lower 25th percentile of data from all lakes within in ecoregion as a surrogate for a reference population, in which case the 75th percentile of reference lakes would likely be associated with minimally impacted conditions and protective of designated uses.

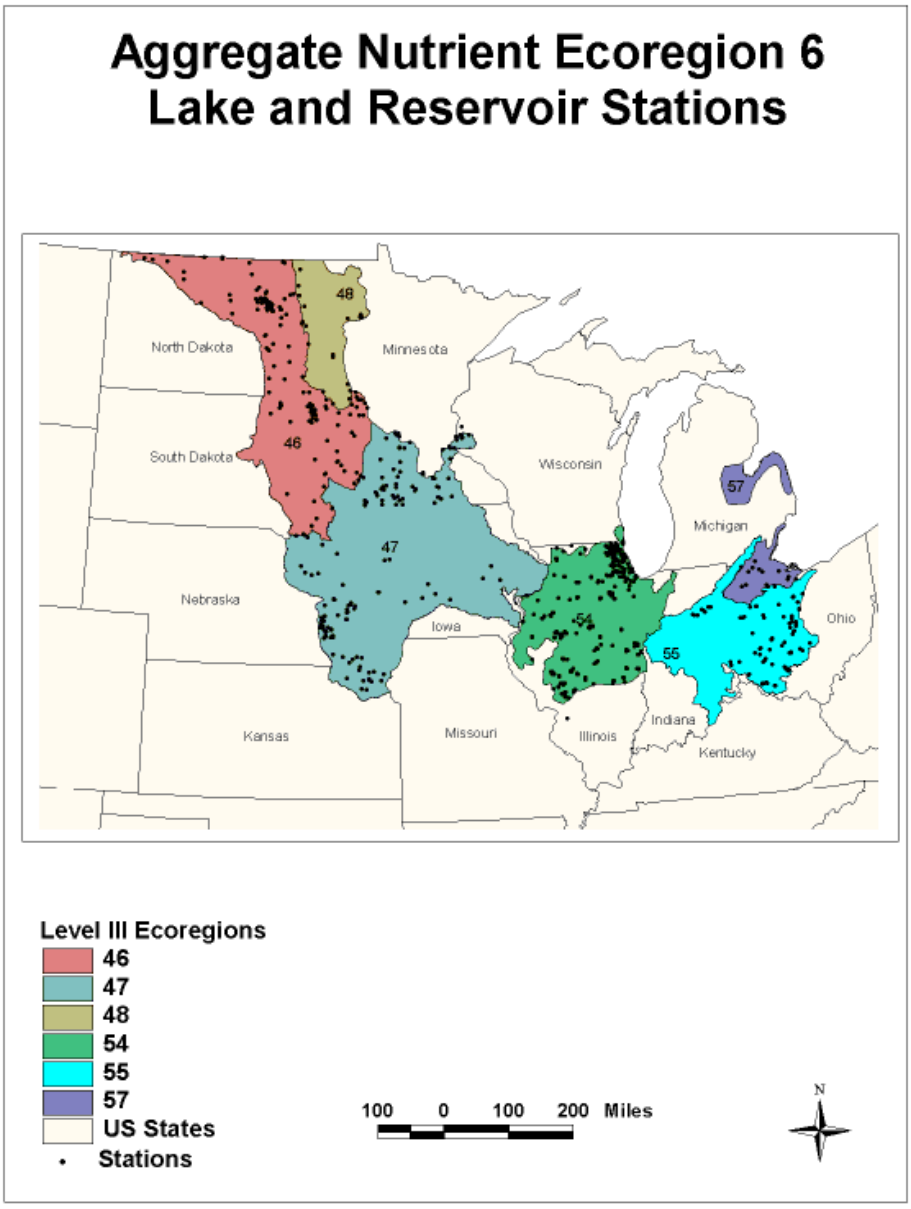

Figure 2. Aggregate Nutrient Ecoregion VI, Associated Subecoregions, and Lake/Reservoir Stations

3. Development of Ohio-Specific Nutrient Criteria for Lakes

Development of Ohio's nutrient criteria for lakes followed the same basic procedure as that described by U.S. EPA, with some modifications made to refine the criteria to local conditions by relying on data solely collected from Ohio lakes, by refining the criteria to reflect variation among lake types and subecoregions within Ohio, and by accounting for differences between Ohio's dataset and the dataset used by U.S. EPA to develop the federal lake nutrient criteria. The federal criteria document encourages such refinements.

Lake nutrient criteria were calculated for total nitrogen, total phosphorus, and chlorophyll-a based on the lower 25th percentile of lake median data and for secchi depth based on the upper 75th percentile of lake median data. All data used for criteria derivation were collected by Ohio EPA from lakes within Ohio. These data were obtained from field data collection sheets provided by Ohio EPA district office staff, laboratory sample submission and report forms from Ohio EPA's Division of Environmental Services (which performed the nutrient measurements) and from the Ohio Water Resource Inventory (1992 and 1994). The data used to derive the nutrient criteria were collected from 170 lakes between April 13, 1989 and September 25, 2006 (Figure 3).

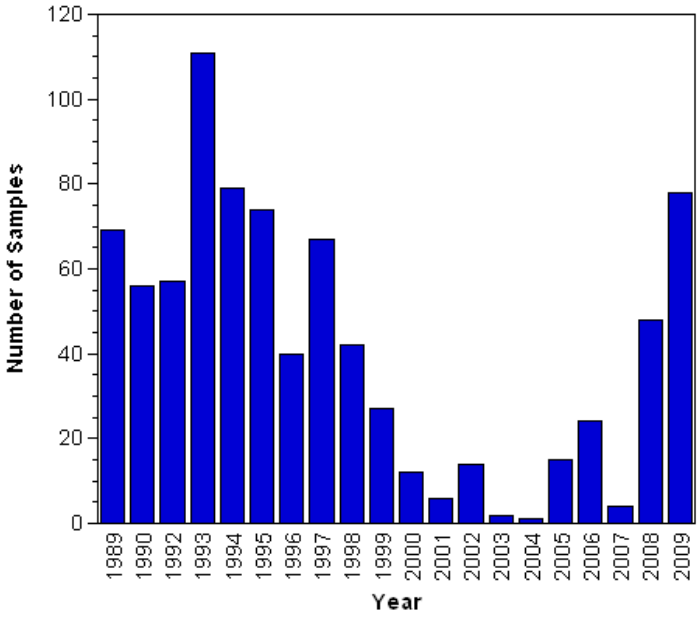

Figure 3. Distribution of Ohio lake data by year.

Nutrient data (excluding Secchi disk transparency) were from grab samples collected from the "lake surface". The lake surface samples were collected typically collected at a depth of 0.5 meters, though some samples were collected at slightly shallower to slightly deeper depths of 0.3-1.5 meters. Calculations for chlorophyll-*a* are based on arithmetic means where more than one sample was collected from a particular sample location. Samples for most lakes were from a single location, generally at the lake's center, and generally denoted as an "L-1" station. For lakes with a large surface area, samples may have been collected from two, or rarely, three locations. In cases where lakes contained multiple sample locations, the lake median was based on the pooled results of all available data just as was done with lakes containing just one sample location. Median values for most lakes were based on 2-4 observations. Some lakes had only one observation reported, in which case, that observation was used as the median. Because nearly all of Ohio's lake nutrient data used in the criteria derivation were collected under summertime stratified conditions (Figure 4), lake medians were not calculated on a season-by-season basis. Instead, a single lake median was calculated based on all the available data for that lake. No outliers or data from polluted lakes were excluded from the data set. One-half of the reported detection limit was used in calculating lake medians when phosphorus, TKN, or $N0_3$-$N0_2$ was reported as "less than detect". Total nitrogen was calculated as the sum of the measured TKN and $N0_2$-$N0_3$ values.

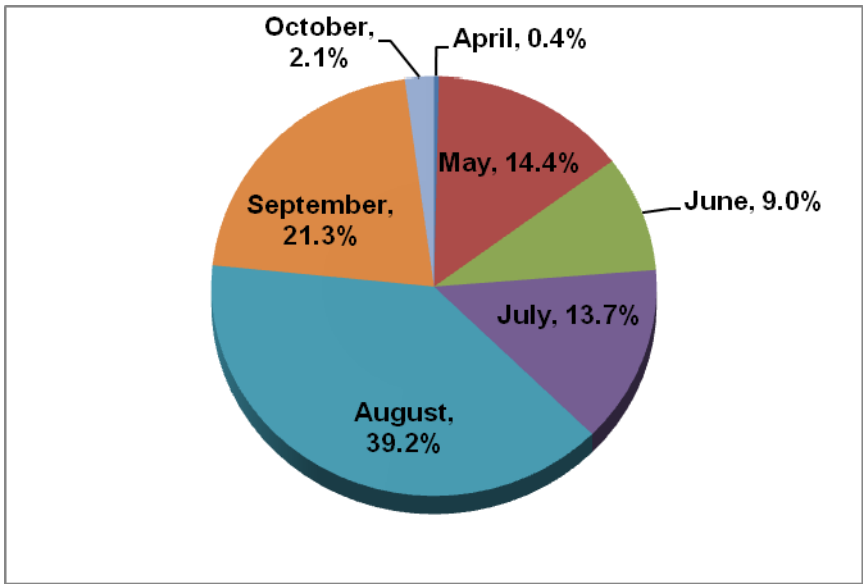

Figure 4. Distribution of Ohio lake data by month.

The combined lake median data set was analyzed statistically to determine appropriate lake groupings for lake nutrient criteria parameters (TP, TN, chlorophyll a, and Secchi disk transparency). Graphical analysis of the pooled nutrient data for impoundments does not indicate that the lake median data is normally distributed (Figure 5). Therefore, statistical comparisons are for lake median values using non-parametric statistical methods (Siegel and Castellan, 1988; Zar, 1999). For comparisons involving more than two data sets, the Kruskal-Wallace Rank sum Test was used to determine if the groups are affected as a single population. For two data set comparisons, the Wilcoxan-Mann-Whitney Ranked Sum Test was used to determine if the data sets were drawn from the same statistical population. Tables 1-8 contain the results of the statistical tests for significant difference among lake type groupings for each nutrient parameter and the calculated 25^{th} percentiles of median values from statistically similar lakes. Table 9 summarizes the calculated nutrient criteria.

Pooled lake data used for the statistical comparisons is provided in Appendix A of this document. The pooled data sets and statistical results for each of the nutrient criteria parameters are also summarized in Figures 9-12.

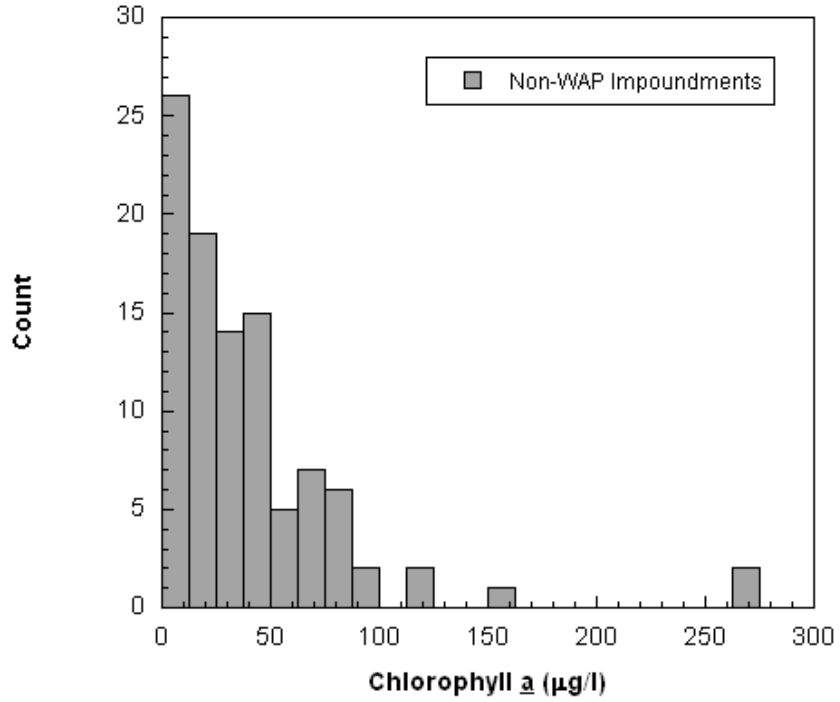

Figure 5. Distribution of chlorophyll *a* survey medians for non-WAP Ohio impoundments.

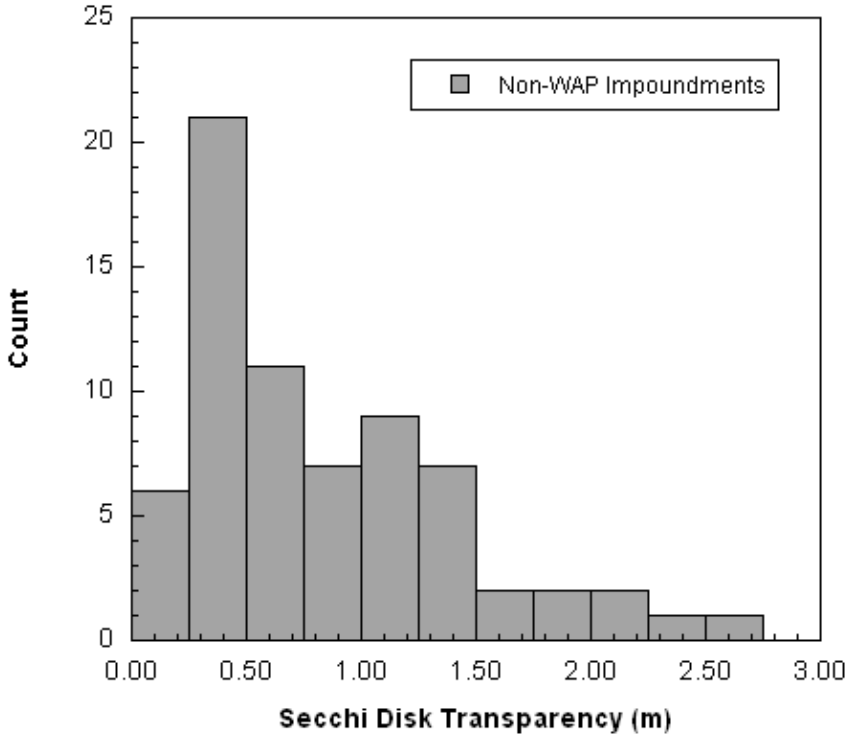

Figure 6. Distribution of Secchi disk transparency survey medians for non-WAP Ohio impoundments.

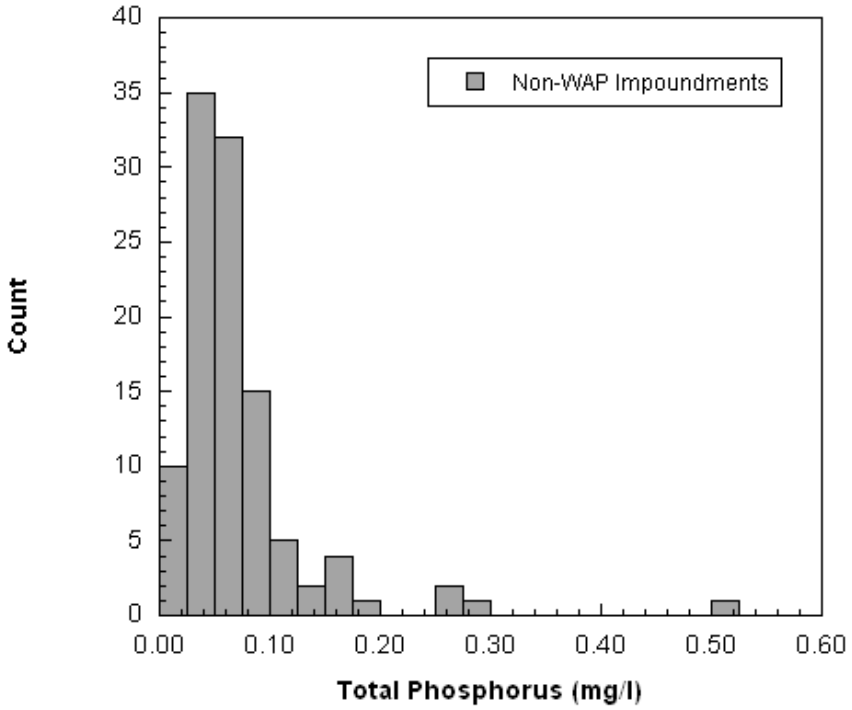

Figure 7. Distribution of total phosphorus survey medians for non-WAP Ohio impoundments.

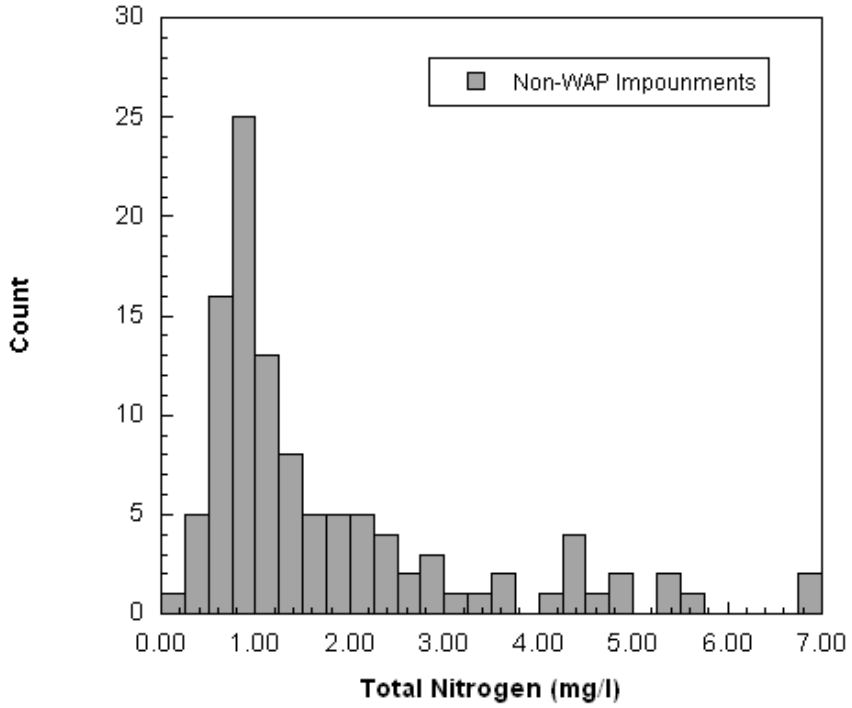

Figure 8. Distribution of total nitrogen survey medians for non-WAP Ohio impoundments.

Table 1. RESULTS OF SIGNIFICANCE TESTS FOR TOTAL PHOSPHORUS			
COMPARISON	**TEST**	**SIGNIFICANCE**	**P VALUE**
UPGROUND BY ECOREGION	Kruskal-Wallace Test	NO	P>0..78
UPGROUND : DUGOUT	Wilcoxan-Mann-Whitney Test	NO	P>0.71
IMPOUNDMENTS BY ECOREGION (ALL)	Kruskal-Wallace Test	YES	P<0.001
IMPOUNDMENTS BY ECOREGION (ECBP,EOLP,HELP,IP)	Kruskal-Wallace Test	NO	P>0..28
IMPOUNDMENTS, IP:WAP	Wilcoxan-Mann-Whitney Test	YES	P<0.003
NATURAL LAKES, ECBP:EOLP	Wilcoxan-Mann-Whitney Test	NO	P>0..84
NON-WAP IMPOUNDMENTS:NATURAL LAKES	Wilcoxan-Mann-Whitney Test	NO	P>0.58
IMPOUNDMENTS+NATURAL (NON-WAP): UPGROUND+DUGOUT	Wilcoxan-Mann-Whitney Test	YES	P<0.0005

Table 2. TOTAL PHOSPHORUS CRITERIA GROUPINGS BASED ON STATISTICAL ANALYSES			
GROUPING	**25TH PERCENTILE (µg/l)**	**NUMBER OF LAKES**	**NUMBER OF SURVEYS**
UPGROUND+DUGOUT (STATEWIDE)	24	45	45
IMPOUNDMENT (WAP)	13	42	47
NATURAL+IMPOUNDMENT (ECBP, EOLP, HELP, IP)	32	92	129

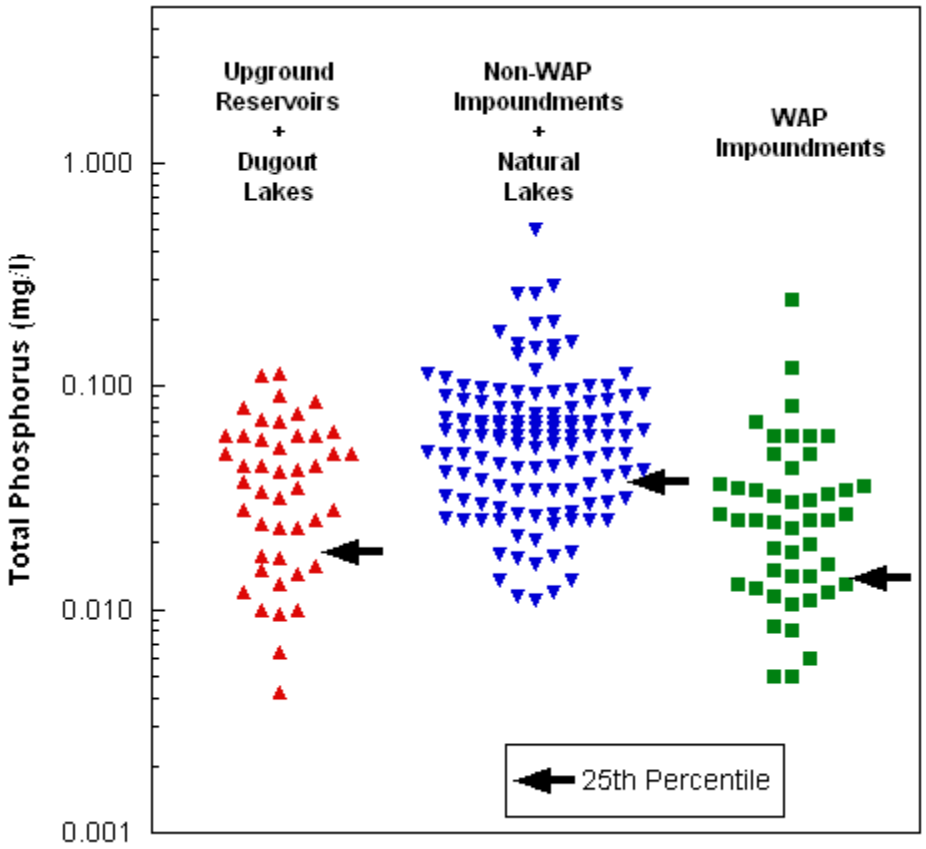

Figure 9. Data distribution for total phosphorus in Ohio lakes.

TABLE 3. RESULTS OF SIGNIFICANCE TESTS FOR TOTAL NITROGEN			
COMPARISON	**TEST**	**SIGNIFICANCE**	**P VALUE**
UPGROUND BY ECOREGION	Kruskal-Wallace Test	NO	P>0.09
UPGROUND :DUGOUT	Wilcoxan-Mann-Whitney Test	YES	P<0.003
IMPOUNDMENTS BY ECOREGION (ALL)	Kruskal-Wallace Test	YES	P<0.001
IMPOUNDMENTS, ECBP:EOLP:HELP:IP	Kruskal-Wallace Test	YES	P<0.001
IMPOUNDMENTS, ECBP:EOLP:HELP	Kruskal-Wallace Test	YES	P<0.002
IMPOUNDMENTS, ECBP: HELP:IP	Kruskal-Wallace Test	YES	P<0.03
IMPOUNDMENTS, ECBP:EOLP	Wilcoxan-Mann-Whitney Test	YES	P<0.0005
IMPOUNDMENTS, EOLP:HELP	Wilcoxan-Mann-Whitney Test	NO	P>0.19
IMPOUNDMENTS, ECBP:HELP	Wilcoxan-Mann-Whitney Test	NO	P>0.95
IMPOUNDMENTS, IP:WAP	Wilcoxan-Mann-Whitney Test	YES	P<0.002
IMPOUNDMENTS, IP:ECBP	Wilcoxan-Mann-Whitney Test	YES	P<0.01
IMPOUNDMENTS, EOLP:WAP	Wilcoxan-Mann-Whitney Test	YES	P<0.0001
NATURAL LAKES, ECBP:EOLP	Wilcoxan-Mann-Whitney Test	NO	P>0.39
IMPOUNDMENTS(EOLP):NATURAL LAKES (ALL)	Wilcoxan-Mann-Whitney Test	NO	P>0.13

TABLE 4. TOTAL NITROGEN CRITERIA GROUPINGS BASED ON STATISTICAL ANALYSES			
GROUPING	**25TH PERCENTILE (µg/l)**	**NUMBER OF LAKES**	**NUMBER OF SURVEYS**
UPGROUND (STATEWIDE)	1,225	32	32
DUGOUT (STATEWIDE)	450	13	13
IMPOUNDMENT (WAP)	350	42	46
IMPOUNDMENT (ECBP, HELP)	930	41	61
IMPOUNDMENT (EOLP)	740	29	39
IMPOUNDMETN (IP)	688	6	8
NATURAL LAKES (STATEWIDE)	638	18	20

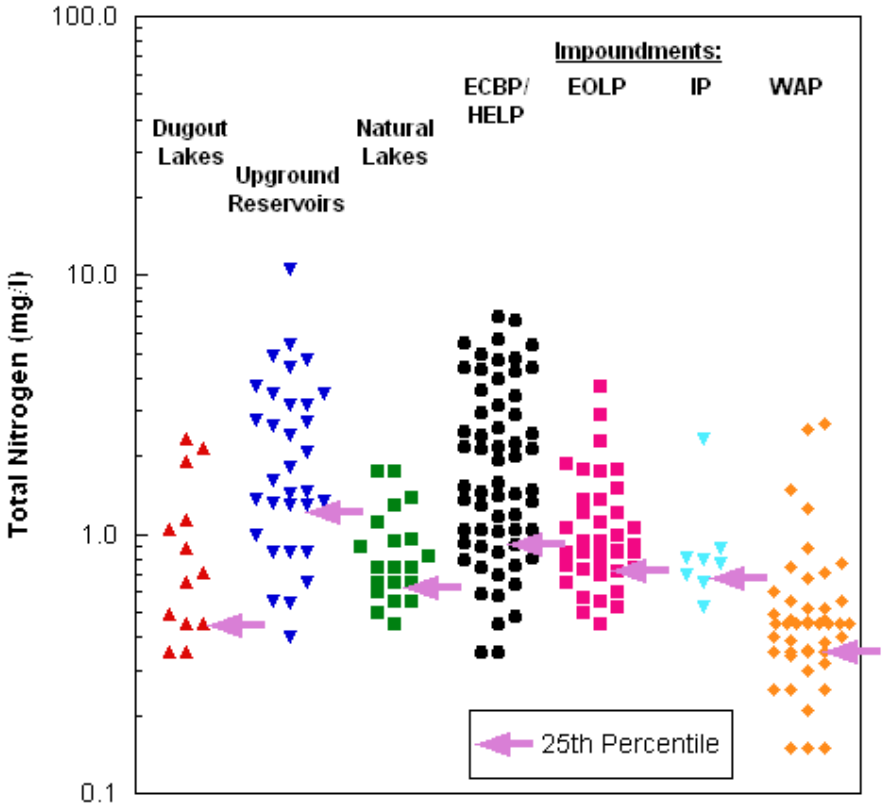

Figure 10. Data distribution for total nitrogen in Ohio lakes.

TABLE 5. RESULTS OF SIGNIFICANCE TESTS FOR CHLOROPHYLL a			
COMPARISON	**TEST**	**SIGNIFICANCE**	**P VALUE**
UPGROUND BY ECOREGION	Kruskal-Wallace Test	NO	P>0.36
UPGROUND:DUGOUT	Wilcoxan-Mann-Whitney Test	NO	P>0.14
IMPOUNDMENTS BY ECOREGION (ALL)	Kruskal-Wallace Test	YES	P<0.0001
IMPOUNDMENTS, ECBP:EOLP:HELP:IP	Kruskal-Wallace Test	NO	P>0.17
NATURAL LAKES, ECBP:EOLP	Wilcoxan-Mann-Whitney Test	YES	P<0.003
IMPOUNDMENTS:NATURAL LAKES (EOLP)	Wilcoxan-Mann-Whitney Test	NO	P>0.30
NATURAL LAKES + NON-WAP IMPOUNDMENTS:UPGOUND+DUGOUT	Kruskal-Wallace Test	YES	P<0.0001

TABLE 6. CHLOROPHYLL a CRITERIA GROUPINGS BASED ON STATISTICAL ANALYSES			
GROUPING	**25TH PERCENTILE (µg/l)**	**NUMBER OF LAKES**	**NUMBER OF SURVEYS**
UPGROUND+DUGOUT (STATEWIDE)	6.0	21	43
IMPOUNDMENT (WAP)	6.2	39	41
NATURAL+IMPOUNDMENT (ECBP, EOLP, HELP,IP)	14.0	93	121

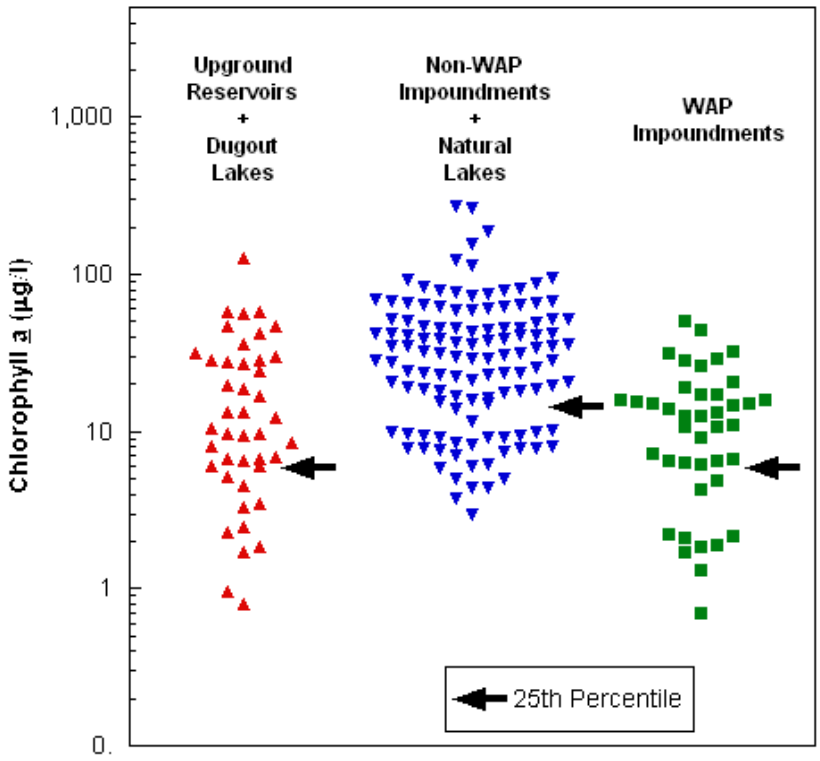

Figure 11. Data distribution for chlorophyll *a* in Ohio lakes.

TABLE 7. RESULTS OF SIGNIFICANCE TESTS FOR SECCHI DISK TRANSPARENCY			
COMPARISON	**TEST**	**SIGNIFICANCE**	**P VALUE**
UPGROUND BY ECOREGION (ALL)	Kruskal-Wallace Test	NO	P>0.56
UPGROUND :DUGOUT	Wilcoxan-Mann-Whitney Test	NO	P>0.13
IMPOUNDMENTS BY ECOREGION (ALL)	Kruskal-Wallace Test	YES	P<0.0001
IMPOUNDMENTS, ECBP:EOLP:HELP:IP	Kruskal-Wallace Test	NO	P>0.26
NATURAL LAKES, ECBP:EOLP	Wilcoxan-Mann-Whitney Test	NO	P>0.06
IMPOUNDMENTS (ECBP, EOLP, HELP, IP):NATURAL LAKES (ALL)	Wilcoxan-Mann-Whitney Test	NO	P>0.12
NATURAL LAKES+NON-WAP IMPOUNDMENTS:NATURAL LAKES (ALL)	Wilcoxan-Mann-Whitney Test	NO	P>0.12
NATURAL+NON-WAP IMPOUNDMENTS: DUGOUT+UPGROUND	Kruskal-Wallace Test	YES	P<0.0001

TABLE 8. SECCHI DISK CRITERIA GROUPINGS BASED ON STATISTICAL ANALYSES			
GROUPING	**75TH PERCENTILE (meters)**	**NUMBER OF LAKES**	**NUMBER OF SURVEYS**
UPGROUND + DUGOUT (STATEWIDE)	2.60	45	45
IMPOUNDMENT (WAP)	2.16	42	46
NATURAL LAKES (STATEWIDE) + IMPOUNDMENT (ECBP, EOLP, HELP,IP)	1.19	92	128

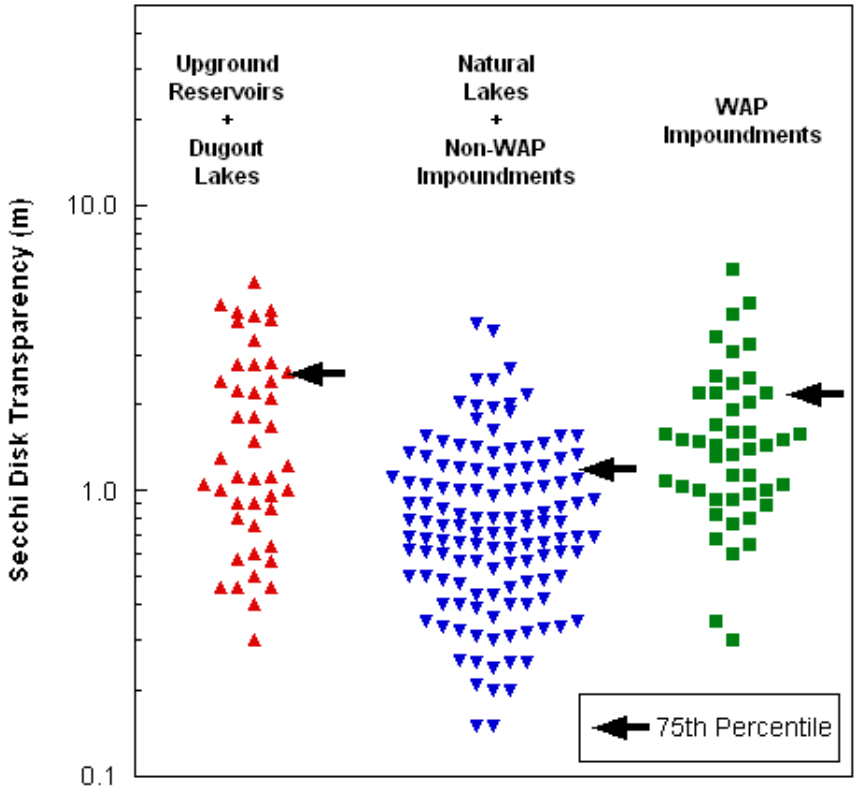

Figure 12. Data distribution for Secchi disk transparency in Ohio lakes.

Table 9. Summary of the Inland Lake Nutrient Criteria								
Parameter Lake type	Form[1]	Units[2]	Statewide criteria	Ecoregional criteria				
				ECBP	EOLP	HELP	IP	WAP
Chloropyll a								
Dugout lakes	T	µg/l	6.0	--	--	--	--	--
Impoundments	T	µg/l	--	14.0	14.0	14.0	14.0	6.2
Natural lakes	T	µg/l	14.0	--	--	--	--	--
Upground reservoirs	T	µg/l	6.0	--	--	--	--	--
Total Nitrogen								
Dugout lakes	T	µg/l	450	--	--	--	--	--
Impoundments	T	µg/l	--	930	740	930	688	350
Natural lakes	T	µg/l	638	--	--	--	--	--
Upground reservoirs	T	µg/l	1,225	--	--	--	--	--
Phosphorus								
Dugout lakes	T	µg/l	18	--	--	--	--	--
Impoundments	T	µg/l	--	34	34	34	34	14
Natural lakes	T	µg/l	34	--	--	--	--	--
Upground reservoirs	T	µg/l	18	--	--	--	--	--
Secchi disk transparency[3]								
Dugout lakes	--	m	2.60	--	--	--	--	--
Impoundments	--	m	--	1.19	1.19	1.19	1.19	2.16
Natural lakes	--	m	1.19	--	--	--	--	--
Upground reservoirs	--	m	2.60	--	--	--	--	--

4. Application of Ohio-Specific Nutrient Criteria for Lakes

The lake nutrient criteria are intended to protect the lake habitat use designation applicable to lakes as defined in Ohio's water quality standards. The criteria apply within the epilimnion during summer stratification for those lakes that do stratify, and apply during the summer throughout the water column in lakes where shallow depths preclude thermal stratification. The criteria apply as arithmetic averages. Summer seasons are defined as the time that a lake sets up a discernable thermocline in late spring/early summer to the time in late summer to early fall that turnover occurs causing an end to thermal stratification.

5. REFERENCES

Siegel, S. and Castellan, N. J. Jr. Nonparametric Statistics for the Behavioral Sciences. McGraw-Hill, New York (1988).

US EPA Office of Water and Office of Science and Technology. 2000. Nutrient Criteria Technical Guidance Manual: Lakes and Reservoirs. First Edition. EPA-822-B00-001.

US EPA Office of Water. 2000. Ambient Water Quality Criteria Recommendations: Lakes and Reservoirs in Nutrient Ecoregion VI. EPA-822-B-00-008.

Zar, J. H. Biostatistical Analysis. Prentice-Hall, Upper Saddle River, NJ (1999).

Appendix A.
Data used in the development of the Inland Lakes Nutrient Water Quality Criteria

Appendix A: Lake nutrient data for Ohio.

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Acton Lake	L-1	1989	April	ECBP	SWDO	Impoundment	4/26/1989		
Acton Lake	L-1	1989	August	ECBP	SWDO	Impoundment	8/21/1989	19.44	19.44
Acton Lake	L-1	1995	May	ECBP	SWDO	Impoundment	5/30/1995	9.14	
Acton Lake	L-1	1995	August	ECBP	SWDO	Impoundment	8/14/1995	73.53	
Acton Lake	L-1	1995	September	ECBP	SWDO	Impoundment	9/28/1995	34.53	34.53
Acton Lake	L-1	2005	June	ECBP	SWDO	Impoundment	6/8/2005	56.92	
Acton Lake	L-1	2005	October	ECBP	SWDO	Impoundment	10/3/2005	57.72	
Acton Lake	L-2	2005	June	ECBP	SWDO	Impoundment	6/8/2005	69.80	
Acton Lake	L-2	2005	October	ECBP	SWDO	Impoundment	10/3/2005	99.93	63.76
Adams Lake	L-1	1997	May	IP	SEDO	Impoundment	5/20/1997		
Adams Lake	L-1	1997	July	IP	SEDO	Impoundment	7/15/1997		
Adams Lake	L-1	1997	September	IP	SEDO	Impoundment	9/22/1997		
Adams Lake	L-1	2007	June	IP	SEDO	Impoundment	6/19/07		
Adams Lake	L-1	2007	August	IP	SEDO	Impoundment	8/14/07	13.8	
Adams Lake	L-1	2007	October	IP	SEDO	Impoundment	10/12/07	16.7	15.25
Aldrich Pond	L-1	1994	May	HELP	NWDO	Dugout	5/11/1994		
Aldrich Pond	L-1	1994	July	HELP	NWDO	Dugout	7/27/1994	49.72	
Aldrich Pond	L-1	1994	August	HELP	NWDO	Dugout	8/24/1994	3.65	26.69
Alum Creek Lake	L-1	1989	May	ECBP	CDO	Impoundment	5/3/1989		
Alum Creek Lake	L-1	1989	August	ECBP	CDO	Impoundment	8/23/1989	3.51	3.51
Alum Creek Lake	L-1	2000	May	ECBP	CDO	Impoundment	5/4/2000		
Alum Creek Lake	L-1	2000	July	ECBP	CDO	Impoundment	7/5/2000		
Alum Creek Lake	L-1	2000	August	ECBP	CDO	Impoundment	8/31/2000		
Alum Creek Lake	L-1	2003	June	ECBP	CDO	Impoundment	6/26/2003	9.12	
Alum Creek Lake	L-1	2003	August	ECBP	CDO	Impoundment	8/11/2003		9.12
Alum Creek Lake	L-1	2004	August	ECBP	CDO	Impoundment	8/11/2004		
Alum Creek Lake	L-1	2005	June	ECBP	CDO	Impoundment	6/2/2005	5.81	
Alum Creek Lake	L-1	2005	July	ECBP	CDO	Impoundment	7/29/2005	5.85	5.83
Alum Creek Lake	L-1	2006	May	ECBP	CDO	Impoundment	5/31/2006	2.59	
Alum Creek Lake	L-1	2006	August	ECBP	CDO	Impoundment	8/30/2006	13.78	8.19
Alum Creek Lake	L-2	1989	May	ECBP	CDO	Impoundment	5/3/1989		
Alum Creek Lake	L-2	1989	August	ECBP	CDO	Impoundment	8/23/1989	5.31	5.31
Alum Creek Lake	L-2	2000	May	ECBP	CDO	Impoundment	5/4/2000		
Alum Creek Lake	L-2	2000	July	ECBP	CDO	Impoundment	7/5/2000		
Alum Creek Lake	L-2	2000	August	ECBP	CDO	Impoundment	8/31/2000		

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Amann Reservoir	L-1	1994	May	ECBP	CDO	Impoundment	5/3/1994	20.81	
Amann Reservoir	L-1	1994	July	ECBP	CDO	Impoundment	7/28/1994	6.13	
Amann Reservoir	L-1	1994	September	ECBP	CDO	Impoundment	9/7/1994	55.15	20.81
Atwood Reservoir	L-1	1993	June	WAP	SEDO	Impoundment	6/1/1993		
Atwood Reservoir	L-1	1993	August	WAP	SEDO	Impoundment	8/18/1993	20.04	
Atwood Reservoir	L-1	1993	September	WAP	SEDO	Impoundment	9/7/1993	13.78	
Atwood Reservoir	L-2	1993	August	WAP	SEDO	Impoundment	8/18/1993	53.38	
Atwood Reservoir	L-2	1993	September	WAP	SEDO	Impoundment	9/7/1993	20.82	20.43
Barnesville Res # 1	L-1	2009	June	WAP	SEDO	Impoundment	6/2/2009		
Barnesville Res # 1	L-1	2009	July	WAP	SEDO	Impoundment	7/7/2009	8.3	
Barnesville Res # 1	L-1	2009	July	WAP	SEDO	Impoundment	7/30/2009	8.2	
Barnesville Res # 1	L-1	2009	August	WAP	SEDO	Impoundment	8/26/2009	21.1	
Barnesville Res # 1	L-1	2009	September	WAP	SEDO	Impoundment	9/10/2009	27.8	14.70
Barnesville Res #2	L-1	2009	June	WAP	SEDO	Impoundment	6/2/2009	5.5	
Barnesville Res #2	L-1	2009	July	WAP	SEDO	Impoundment	7/7/2009	15.2	
Barnesville Res #2	L-1	2009	July	WAP	SEDO	Impoundment	7/29/2009	12.1	
Barnesville Res #2	L-1	2009	August	WAP	SEDO	Impoundment	8/25/2009	15.8	
Barnesville Res #2	L-1	2009	September	WAP	SEDO	Impoundment	9/9/2009	24.9	15.20
Barnesville Res #3	L-1	2009	June	WAP	SEDO	Impoundment	6/2/2009	11.8	
Barnesville Res #3	L-1	2009	July	WAP	SEDO	Impoundment	7/7/2009	4.1	
Barnesville Res #3	L-1	2009	July	WAP	SEDO	Impoundment	7/29/2009	4.9	
Barnesville Res #3	L-1	2009	August	WAP	SEDO	Impoundment	8/25/2009	4.4	
Barnesville Res #3	L-1	2009	September	WAP	SEDO	Impoundment	9/9/2009	5.2	4.90
Barnesville Reservoir #3	L-1	1993	June	ECBP	SEDO	Impoundment	6/2/1993		
Barnesville Reservoir #3	L-1	1993	August	ECBP	SEDO	Impoundment	8/17/1993	2.08	
Barnesville Reservoir #3	L-1	1993	September	ECBP	SEDO	Impoundment	9/8/1993	6.75	4.42
Bass Lake	L-1	2002	June	EOLP	NEDO	Natural Lake	6/20/2002	23.61	
Bass Lake	L-1	2002	August	EOLP	NEDO	Natural Lake	8/29/2002		23.61
Bass Lake	L-2	2002	June	EOLP	NEDO	Natural Lake	6/20/2002	48.58	
Bass Lake	L-2	2002	August	EOLP	NEDO	Natural Lake	8/29/2002	85.20	66.89
Beaver Creek Reservoir	L-1	1990	May	HELP	NWDO	Upground	5/15/1990		
Beaver Creek Reservoir	L-1	1990	August	HELP	NWDO	Upground	8/23/1990	6.72	6.72
Beaver Creek Reservoir	L-1	2009	May	HELP	NWDO	Upground	5/20/09	35.9	
Beaver Creek Reservoir	L-1	2009	June	HELP	NWDO	Upground	6/10/09	50.6	
Beaver Creek Reservoir	L-1	2009	July	HELP	NWDO	Upground	7/16/09	10	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Beaver Creek Reservoir	L-1	2009	August	HELP	NWDO	Upground	8/17/09	19.1	
Beaver Creek Reservoir	L-1	2009	September	HELP	NWDO	Upground	9/2/09	24.3	24.30
Bellevue Res #5	L-1	1993	May	HELP	NWDO	Upground	5/26/1993		
Bellevue Res #5	L-1	1993	August	HELP	NWDO	Upground	8/25/1993	7.43	
Bellevue Res #5	L-1	1993	September	HELP	NWDO	Upground	9/14/1993	4.52	5.98
Belmont Lake	L-1	1996	May	WAP	SEDO	Impoundment	5/23/1996	7.29	
Belmont Lake	L-1	1996	August	WAP	SEDO	Impoundment	8/13/1996	7.31	
Belmont Lake	L-1	1996	September	WAP	SEDO	Impoundment	9/17/1996	11.03	7.31
Berlin Reservoir	L-1	1989	April	EOLP	NEDO	Impoundment	4/13/1989		
Berlin Reservoir	L-1	1989	August	EOLP	NEDO	Impoundment	8/2/1989	18.84	18.84
Berlin Reservoir	L-1	2006	June	EOLP	NEDO	Impoundment	6/29/2006		
Berlin Reservoir	L-1	2006	August	EOLP	NEDO	Impoundment	8/17/2006		
Berlin Reservoir	L-1	2006	September	EOLP	NEDO	Impoundment	9/19/2006		
Berlin Reservoir	L-2	1989	April	EOLP	NEDO	Impoundment	4/13/1989		
Berlin Reservoir	L-2	1989	August	EOLP	NEDO	Impoundment	8/2/1989		
Blue Limestone Park Quarry	L-1	1994	May	ECBP	CDO	Quarry	5/4/1994	6.61	
Blue Limestone Park Quarry	L-1	1994	July	ECBP	CDO	Quarry	7/27/1994	6.17	
Blue Limestone Park Quarry	L-1	1994	September	ECBP	CDO	Quarry	9/7/1994	27.08	6.61
Bowling Green Reservoir	L-1	1994	May	HELP	NWDO	Upground	5/10/1994		
Bowling Green Reservoir	L-1	1994	July	HELP	NWDO	Upground	7/26/1994	5.03	
Bowling Green Reservoir	L-1	1994	August	HELP	NWDO	Upground	8/23/1994	5.21	5.12
Brady Lake	L-1	1993	September	EOLP	NEDO	Natural Lake	9/10/1993	23.7	23.7
Bresler Reservoir	L-1	1990	April	HELP	NWDO	Upground	4/23/1990		
Bresler Reservoir	L-1	1990	August	HELP	NWDO	Upground	8/20/1990	18.43	18.43
Buckeye Lake	L-1	1989	May	EOLP	CDO	Impoundment	5/8/1989		
Buckeye Lake	L-1	1989	August	EOLP	CDO	Impoundment	8/24/1989	274.30	274.30
Buckeye Lake	L-1	2008	May	EOLP	CDO	Impoundment	5/29/2008	15.4	
Buckeye Lake	L-1	2008	June	EOLP	CDO	Impoundment	6/5/2008	19.7	
Buckeye Lake	L-1	2008	June	EOLP	CDO	Impoundment	6/17/2008	46.2	
Buckeye Lake	L-1	2008	June	EOLP	CDO	Impoundment	6/26/2008	44.8	
Buckeye Lake	L-1	2008	July	EOLP	CDO	Impoundment	7/1/2008	88.8	
Buckeye Lake	L-1	2008	July	EOLP	CDO	Impoundment	7/10/2008	87.8	
Buckeye Lake	L-1	2008	July	EOLP	CDO	Impoundment	7/17/2008	46.7	
Buckeye Lake	L-1	2008	August	EOLP	CDO	Impoundment	8/12/2008	76.4	
Buckeye Lake	L-1	2008	September	EOLP	CDO	Impoundment	9/3/2008	76.5	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Buckeye Lake	L-1	2008	September	EOLP	CDO	Impoundment	9/25/2008	88.8	61.55
Bucyrus Reservoir #1	L-1	1995	May	ECBP	NWDO	Impoundment	5/31/1995	4.59	
Bucyrus Reservoir #1	L-1	1995	August	ECBP	NWDO	Impoundment	8/1/1995	48.30	
Bucyrus Reservoir #1	L-1	1995	August	ECBP	NWDO	Impoundment	8/16/1995	51.19	
Bucyrus Reservoir #1	L-1	2002	July	ECBP	NWDO	Impoundment	7/16/2002	44.59	46.45
Bucyrus Reservoir #2	L-1	1995	May	ECBP	NWDO	Impoundment	5/31/1995	27.79	
Bucyrus Reservoir #2	L-1	1995	August	ECBP	NWDO	Impoundment	8/1/1995	165.97	
Bucyrus Reservoir #2	L-1	1995	August	ECBP	NWDO	Impoundment	8/16/1995	68.49	
Bucyrus Reservoir #2	L-1	2002	July	ECBP	NWDO	Impoundment	7/16/2002	81.78	75.14
Bucyrus Reservoir #4	L-1	1995	May	ECBP	NWDO	Upground	5/31/1995		
Bucyrus Reservoir #4	L-1	1995	August	ECBP	NWDO	Upground	8/1/1995	1.53	
Bucyrus Reservoir #4	L-1	1995	August	ECBP	NWDO	Upground	8/16/1995	0.37	0.95
C.J. Brown Reservoir	L-1	1994	June	ECBP	SWDO	Impoundment	6/2/1994		
C.J. Brown Reservoir	L-1	1994	August	ECBP	SWDO	Impoundment	8/10/1994	27.73	
C.J. Brown Reservoir	L-1	1994	September	ECBP	SWDO	Impoundment	9/14/1994		27.73
C.J. Brown Reservoir	L-2	1994	June	ECBP	SWDO	Impoundment	6/2/1994		
C.J. Brown Reservoir	L-2	1994	August	ECBP	SWDO	Impoundment	8/10/1994	41.63	
C.J. Brown Reservoir	L-2	1994	September	ECBP	SWDO	Impoundment	9/14/1994		41.63
Caesar Creek Reservoir	L-1	1998	May	ECBP	SWDO	Impoundment	5/19/1998		
Caesar Creek Reservoir	L-1	1998	September	ECBP	SWDO	Impoundment	9/24/1998	31.65	
Caesar Creek Reservoir	L-1	1998	October	ECBP	SWDO	Impoundment	10/15/1998	9.91	20.78
Caesar Creek Reservoir	L-2	1998	May	ECBP	SWDO	Impoundment	5/19/1998		
Caesar Creek Reservoir	L-2	1998	September	ECBP	SWDO	Impoundment	9/24/1998		
Caesar Creek Reservoir	L-2	1998	October	ECBP	SWDO	Impoundment	10/15/1998		
Caesar Creek Reservoir	L-3	1998	May	ECBP	SWDO	Impoundment	5/19/1998		
Caesar Creek Reservoir	L-3	1998	September	ECBP	SWDO	Impoundment	9/24/1998	31.42	
Caesar Creek Reservoir	L-3	1998	October	ECBP	SWDO	Impoundment	10/15/1998	23.12	27.27
Caldwell Lake	L-1	1996	May	WAP	SEDO	Impoundment	5/22/1996	9.07	
Caldwell Lake	L-1	1996	August	WAP	SEDO	Impoundment	8/12/1996	2.87	
Caldwell Lake	L-1	1996	September	WAP	SEDO	Impoundment	9/16/1996	18.06	9.07
Cambridge Reservoir	L-1	1994	April	WAP	SEDO	Impoundment	4/26/1994		
Cambridge Reservoir	L-1	1994	August	WAP	SEDO	Impoundment	8/9/1994		
Cambridge Reservoir	L-1	1994	August	WAP	SEDO	Impoundment	8/29/1994	32.61	32.61
Cedarvillle Reservoir	L-1	1993	June	ECBP	SWDO	Upground	6/1/1993		
Cedarvillle Reservoir	L-1	1993	August	ECBP	SWDO	Upground	8/30/1993		

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Cedarvillle Reservoir	L-1	1993	September	ECBP	SWDO	Upground	9/27/1993	16.69	16.69
Charles Mill Res	L-1	1990	May	EOLP	NWDO	Impoundment	5/21/1990		
Charles Mill Res	L-1	1990	September	EOLP	NWDO	Impoundment	9/11/1990	61.61	61.61
Charles Mill Res	L-1	1998	May	EOLP	NWDO	Impoundment	5/13/1998	50.70	
Charles Mill Res	L-1	1998	September	EOLP	NWDO	Impoundment	9/9/1998	123.10	86.90
Charles Mill Res	L-2	1990	May	EOLP	NWDO	Impoundment	5/21/1990		
Charles Mill Res	L-2	1990	September	EOLP	NWDO	Impoundment	9/11/1990	43.31	43.31
Charles Mill Res	L-2	1998	May	EOLP	NWDO	Impoundment	5/13/1998	46.05	
Charles Mill Res	L-2	1998	September	EOLP	NWDO	Impoundment	9/9/1998	99.70	72.88
Choctaw Lake	L-1	1997	June	ECBP	CDO	Impoundment	6/13/1997	55.77	
Choctaw Lake	L-1	1997	July	ECBP	CDO	Impoundment	7/17/1997	16.38	
Choctaw Lake	L-1	1997	August	ECBP	CDO	Impoundment	8/22/1997		36.08
City of Dayton Lake #1	L-1	1994	May	ECBP	SWDO	Dugout	5/25/1994		
City of Dayton Lake #1	L-1	1994	August	ECBP	SWDO	Dugout	8/9/1994	128.08	
City of Dayton Lake #1	L-1	1994	September	ECBP	SWDO	Dugout	9/13/1994		128.08
CLEAR FORK RESERVOIR	L-1	1993	June	EOLP	NWDO	Impoundment	6/1/1993		
CLEAR FORK RESERVOIR	L-1	1993	August	EOLP	NWDO	Impoundment	8/24/1993	56.05	
CLEAR FORK RESERVOIR	L-1	1993	September	EOLP	NWDO	Impoundment	9/15/1993	18.08	37.07
CLEAR FORK RESERVOIR	L-1	1998	May	EOLP	NWDO	Impoundment	5/14/1998	1.42	
CLEAR FORK RESERVOIR	L-1	1998	September	EOLP	NWDO	Impoundment	9/10/1998	29.00	15.21
CLEAR FORK RESERVOIR	L-1	2008	May	EOLP	NWDO	Impoundment	5/7/2008	14.7	
CLEAR FORK RESERVOIR	L-1	2008	May	EOLP	NWDO	Impoundment	5/21/2008	14.2	
CLEAR FORK RESERVOIR	L-1	2008	June	EOLP	NWDO	Impoundment	6/5/2008	10.3	
CLEAR FORK RESERVOIR	L-1	2008	June	EOLP	NWDO	Impoundment	6/18/2008	11.1	
CLEAR FORK RESERVOIR	L-1	2008	July	EOLP	NWDO	Impoundment	7/8/2008	17.1	
CLEAR FORK RESERVOIR	L-1	2008	July	EOLP	NWDO	Impoundment	7/22/2008	18.1	
CLEAR FORK RESERVOIR	L-1	2008	August	EOLP	NWDO	Impoundment	8/6/2008	26.6	
CLEAR FORK RESERVOIR	L-1	2008	August	EOLP	NWDO	Impoundment	8/21/2008	20.5	
CLEAR FORK RESERVOIR	L-1	2008	September	EOLP	NWDO	Impoundment	9/2/2008	38.0	
CLEAR FORK RESERVOIR	L-1	2008	September	EOLP	NWDO	Impoundment	9/15/2008	32.6	17.58
CLEAR FORK RESERVOIR	L-2	1993	June	EOLP	NWDO	Impoundment	6/1/1993		
CLEAR FORK RESERVOIR	L-2	1993	August	EOLP	NWDO	Impoundment	8/24/1993	27.95	
CLEAR FORK RESERVOIR	L-2	1993	September	EOLP	NWDO	Impoundment	9/15/1993	23.29	25.62
CLEAR FORK RESERVOIR	L-2	1998	May	EOLP	NWDO	Impoundment	5/14/1998	4.00	
CLEAR FORK RESERVOIR	L-2	1998	September	EOLP	NWDO	Impoundment	9/10/1998	27.85	15.93

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Clendening Lake	L-1	1998	May	WAP	SEDO	Impoundment	5/18/1998	3.81	
Clendening Lake	L-1	1998	July	WAP	SEDO	Impoundment	7/14/1998	18.95	
Clendening Lake	L-1	1998	September	WAP	SEDO	Impoundment	9/16/1998	17.15	17.15
Coe Lake	L-1	1992	August	EOLP	NEDO	Dugout	8/4/1992	14.22	
Coe Lake	L-1	1992	August	EOLP	NEDO	Dugout	8/24/1992	42.87	
Coe Lake	L-1	1993	June	EOLP	NEDO	Dugout	6/7/1993		28.55
Crystal Lake	L-1	1994	May	EOLP	NEDO	Natural Lake	5/17/1994		
Crystal Lake	L-1	1994	July	EOLP	NEDO	Natural Lake	7/18/1994	4.28	
Crystal Lake	L-1	1995	August	EOLP	NEDO	Natural Lake	8/24/1995	3.21	3.75
Cutler Lake	L-1	1999	May	WAP	SEDO	Impoundment	5/27/1999		
Cutler Lake	L-1	1999	July	WAP	SEDO	Impoundment	7/26/1999		
Cutler Lake	L-1	2008	June	WAP	SEDO	Impoundment	6/10/2008	11.4	
Cutler Lake	L-1	2008	July	WAP	SEDO	Impoundment	7/14/2008	6.5	
Cutler Lake	L-1	2008	August	WAP	SEDO	Impoundment	8/5/2008	13.2	
Cutler Lake	L-1	2008	August	WAP	SEDO	Impoundment	8/27/2008	10.9	
Cutler Lake	L-1	2009	June	WAP	SEDO	Impoundment	6/15/2009	13.9	
Cutler Lake	L-1	2009	July	WAP	SEDO	Impoundment	7/13/2009	14.5	
Cutler Lake	L-1	2009	August	WAP	SEDO	Impoundment	8/6/2009	12.1	
Cutler Lake	L-1	2009	September	WAP	SEDO	Impoundment	9/1/2009	14.3	12.65
Dale Walborn Reservoir	L-1	1989	May	EOLP	NEDO	Impoundment	5/3/1989		
Dale Walborn Reservoir	L-1	2008	June	EOLP	NEDO	Impoundment	6/23/2008	33.7	
Dale Walborn Reservoir	L-1	2009	July	EOLP	NEDO	Impoundment	7/10/2009	58.4	
Dale Walborn Reservoir	L-1	2009	July	EOLP	NEDO	Impoundment	7/24/2009	43.1	
Dale Walborn Reservoir	L-1	2009	July	EOLP	NEDO	Impoundment	7/30/2009	36.7	
Dale Walborn Reservoir	L-1	2009	August	EOLP	NEDO	Impoundment	8/20/2009	57.7	43.10
Deer Creek Lake	L-1	1990	April	ECBP	CDO	Impoundment	4/27/1990		
Deer Creek Lake	L-1	1990	August	ECBP	CDO	Impoundment	8/20/1990	34.32	34.32
Deer Creek Lake	L-1	1997	June	ECBP	CDO	Impoundment	6/11/1997	4.42	
Deer Creek Lake	L-1	1997	July	ECBP	CDO	Impoundment	7/17/1997	11.35	
Deer Creek Lake	L-1	1997	August	ECBP	CDO	Impoundment	8/21/1997		7.89
Deer Creek Lake	L-2	1990	April	ECBP	CDO	Impoundment	4/27/1990		
Deer Creek Lake	L-2	1990	August	ECBP	CDO	Impoundment	8/20/1990	28.47	28.47
Deer Creek Reservoir	L-1	1994	May	EOLP	NEDO	Impoundment	5/18/1994		
Deer Creek Reservoir	L-1	1994	July	EOLP	NEDO	Impoundment	7/14/1994	45.20	
Deer Creek Reservoir	L-1	1994	August	EOLP	NEDO	Impoundment	8/22/1994	43.72	44.46

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Deer Creek Reservoir	L-1	2006	June	EOLP	NEDO	Impoundment	6/5/2006	31.2	
Deer Creek Reservoir	L-1	2006	July	EOLP	NEDO	Impoundment	7/19/2006	33.9	
Deer Creek Reservoir	L-1	2006	August	EOLP	NEDO	Impoundment	8/30/2006	32.7	32.70
Deer Creek Reservoir	L-1	2007	September	EOLP	NEDO	Impoundment	9/18/2007	41.2	
Deer Creek Reservoir	L-1	2008	June	EOLP	NEDO	Impoundment	6/11/2008	17.3	
Deer Creek Reservoir	L-1	2008	June	EOLP	NEDO	Impoundment	6/23/2008	35.6	
Deer Creek Reservoir	L-1	2008	July	EOLP	NEDO	Impoundment	7/10/2008	23.4	
Deer Creek Reservoir	L-1	2008	July	EOLP	NEDO	Impoundment	7/16/2008	15.8	
Deer Creek Reservoir	L-1	2009	July	EOLP	NEDO	Impoundment	7/24/2009	28.0	
Deer Creek Reservoir	L-1	2009	July	EOLP	NEDO	Impoundment	7/30/2009	22.8	
Deer Creek Reservoir	L-1	2009	August	EOLP	NEDO	Impoundment	8/6/2009	29.8	
Deer Creek Reservoir	L-1	2009	August	EOLP	NEDO	Impoundment	8/20/2009	43.4	
Deer Creek Reservoir	L-1	2009	September	EOLP	NEDO	Impoundment	9/10/2009	40.3	
Deer Creek Reservoir	L-1	2009	October	EOLP	NEDO	Impoundment	10/7/2009		28.90
Delaware Lake	L-1	1990	April	ECBP	CDO	Impoundment	4/26/1990		
Delaware Lake	L-1	1990	August	ECBP	CDO	Impoundment	8/22/1990	38.49	38.49
Delco Water Company Lake	L-1	1994	May	ECBP	CDO	Upground	5/4/1994	6.41	
Delco Water Company Lake	L-1	1994	July	ECBP	CDO	Upground	7/27/1994	9.72	
Delco Water Company Lake	L-1	1994	September	ECBP	CDO	Upground	9/7/1994	14.20	9.72
Delta Res #2	L-1	1992	August	HELP	NWDO	Upground	8/18/1992		
Delta Res #2	L-1	1992	September	HELP	NWDO	Upground	9/17/1992	0.77	
Delta Res #2	L-1	1993	May	HELP	NWDO	Upground	5/17/1993	2.89	1.83
Dillon Lake	L-1	1990	May	WAP	SEDO	Impoundment	5/14/1990		
Dillon Lake	L-1	1990	September	WAP	SEDO	Impoundment	9/11/1990	12.46	
Dillon Lake	L-1	1900		WAP	SWDO	Impoundment			12.46
Dillon Lake	L-2	1990	May	WAP	SEDO	Impoundment	5/14/1990		
Dillon Lake	L-2	1990	September	WAP	SEDO	Impoundment	9/11/1990	25.90	25.90
Dow Lake	L-1	1990	April	WAP	SEDO	Impoundment	4/27/1990		
Dow Lake	L-1	1990	August	WAP	SEDO	Impoundment	8/22/1990	6.16	6.16
East Branch Reservoir	L-1	2009	May	EOLP	NEDO	Impoundment	5/21/2009	9.4	
East Branch Reservoir	L-1	2009	June	EOLP	NEDO	Impoundment	6/25/2009	13.1	
East Branch Reservoir	L-1	2009	July	EOLP	NEDO	Impoundment	7/20/2009	23.7	
East Branch Reservoir	L-1	2009	August	EOLP	NEDO	Impoundment	8/12/2009	36.5	
East Branch Reservoir	L-1	2009	August	EOLP	NEDO	Impoundment	8/26/2009	44.4	23.70
East Fork Lake (Harsha Lake)	L-1	1993	June	IP	SWDO	Impoundment	6/2/1993		

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
East Fork Lake (Harsha Lake)	L-1	1993	September	IP	SWDO	Impoundment	9/2/1993		
East Fork Lake (Harsha Lake)	L-1	1993	September	IP	SWDO	Impoundment	9/29/1993	6.64	6.64
East Fork Lake (Harsha Lake)	L-1	1998	May	IP	SWDO	Impoundment	5/18/1998	6.26	
East Fork Lake (Harsha Lake)	L-1	1998	September	IP	SWDO	Impoundment	9/22/1998	7.13	
East Fork Lake (Harsha Lake)	L-1	1998	October	IP	SWDO	Impoundment	10/29/1998		6.70
East Fork Lake (Harsha Lake)	L-2	1993	June	IP	SWDO	Impoundment	6/2/1993		
East Fork Lake (Harsha Lake)	L-2	1993	September	IP	SWDO	Impoundment	9/2/1993		
East Fork Lake (Harsha Lake)	L-2	1993	September	IP	SWDO	Impoundment	9/29/1993	8.16	8.16
East Fork Lake (Harsha Lake)	L-2	1998	May	IP	SWDO	Impoundment	5/18/1998	60.65	
East Fork Lake (Harsha Lake)	L-2	1998	September	IP	SWDO	Impoundment	9/22/1998	9.13	
East Fork Lake (Harsha Lake)	L-2	1998	October	IP	SWDO	Impoundment	10/29/1998	3.74	9.13
East Reservoir	L-1	1993	May	EOLP	NEDO	Natural Lake	5/19/1993		
East Reservoir	L-1	1993	August	EOLP	NEDO	Natural Lake	8/17/1993	54.79	
East Reservoir	L-1	1993	September	EOLP	NEDO	Natural Lake	9/10/1993	63.59	59.19
Eastwood Lake	L-1	1989	April	ECBP	SWDO	Dugout	4/24/1989		
Eastwood Lake	L-1	1989	August	ECBP	SWDO	Dugout	8/14/1989	46.35	46.35
Echo Lake	L-1	1994	May	ECBP	SWDO	Impoundment	5/24/1994		
Echo Lake	L-1	1994	August	ECBP	SWDO	Impoundment	8/8/1994	45.72	
Echo Lake	L-1	1994	September	ECBP	SWDO	Impoundment	9/12/1994		45.72
Evans Lake	L-1	1994	May	EOLP	NEDO	Impoundment	5/26/1994		
Evans Lake	L-1	1994	July	EOLP	NEDO	Impoundment	7/21/1994	2.93	
Evans Lake	L-1	1994	September	EOLP	NEDO	Impoundment	9/1/1994	42.96	22.95
Evergreen Lake	L-1	1994	May	HELP	NWDO	Impoundment	5/10/1994		
Evergreen Lake	L-1	1994	July	HELP	NWDO	Impoundment	7/26/1994	53.69	
Evergreen Lake	L-1	1994	August	HELP	NWDO	Impoundment	8/23/1994	37.03	45.36
Ferguson Res	L-1	1990	April	ECBP	NWDO	Upground	4/24/1990		
Ferguson Res	L-1	1990	August	ECBP	NWDO	Upground	8/22/1990	6.87	6.87
Findlay Res #2	L-1	1996	May	ECBP	NWDO	Upground	5/6/1996	15.07	
Findlay Res #2	L-1	1996	August	ECBP	NWDO	Upground	8/21/1996		
Findlay Res #2	L-1	2005	May	ECBP	NWDO	Upground	5/25/2005	2.97	
Findlay Res #2	L-1	2005	August	ECBP	NWDO	Upground	8/16/2005	9.11	
Findlay Res #2	L-1	2005	September	ECBP	NWDO	Upground	9/21/2005	48.35	12.09
Findley Lake	L-1	1989	May	EOLP	NEDO	Impoundment	5/8/1989		
Findley Lake	L-1	1989	August	EOLP	NEDO	Impoundment	8/30/1989	267.93	
Findley Lake	L-1	1997	May	EOLP	NEDO	Impoundment	5/20/1997	3.23	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Findley Lake	L-1	1997	June	EOLP	NEDO	Impoundment	6/19/1997	31.64	
Findley Lake	L-1	1997	July	EOLP	NEDO	Impoundment	7/9/1997	24.73	
Findley Lake	L-1	1997	August	EOLP	NEDO	Impoundment	8/5/1997	46.16	
Findley Lake	L-1	1997	August	EOLP	NEDO	Impoundment	8/19/1997	61.66	
Findley Lake	L-1	1997	September	EOLP	NEDO	Impoundment	9/24/1997	41.12	41.12
Findley Lake	L-1	2001	June	EOLP	NEDO	Impoundment	6/4/2001		
Findley Lake	L-1	2001	July	EOLP	NEDO	Impoundment	7/23/2001		
Findley Lake	L-2	1997	May	EOLP	NEDO	Impoundment	5/20/1997	3.40	
Findley Lake	L-2	1997	June	EOLP	NEDO	Impoundment	6/19/1997	25.83	
Findley Lake	L-2	1997	July	EOLP	NEDO	Impoundment	7/9/1997	38.17	
Findley Lake	L-2	1997	August	EOLP	NEDO	Impoundment	8/5/1997	27.50	
Findley Lake	L-2	1997	August	EOLP	NEDO	Impoundment	8/19/1997	29.09	
Findley Lake	L-2	1997	September	EOLP	NEDO	Impoundment	9/24/1997	48.30	28.30
Findley Lake	L-2	2001	June	EOLP	NEDO	Impoundment	6/4/2001		
Findley Lake	L-2	2001	July	EOLP	NEDO	Impoundment	7/23/2001		
Findley Lake	L-3	2001	June	EOLP	NEDO	Impoundment	6/4/2001		
Findley Lake	L-3	2001	July	EOLP	NEDO	Impoundment	7/23/2001		
Forked Run Lake	L-1	1993	June	WAP	SEDO	Impoundment	6/3/1993		
Forked Run Lake	L-1	1993	August	WAP	SEDO	Impoundment	8/16/1993	0.78	
Forked Run Lake	L-1	1993	September	WAP	SEDO	Impoundment	9/9/1993	3.57	2.18
Frazier Quarry	L-1	2008	June	WAP	SEDO	Dugout	6/26/2008	1.7	
Frazier Quarry	L-1	2008	July	WAP	SEDO	Dugout	7/23/2008	1.9	
Frazier Quarry	L-1	2008	August	WAP	SEDO	Dugout	8/12/2008	2.3	
Frazier Quarry	L-1	2009	June	WAP	SEDO	Dugout	6/15/2009	2.2	
Frazier Quarry	L-1	2009	July	WAP	SEDO	Dugout	7/13/2009	4.4	
Frazier Quarry	L-1	2009	August	WAP	SEDO	Dugout	8/6/2009	4.4	
Frazier Quarry	L-1	2009	September	WAP	SEDO	Dugout	9/1/2009	4.0	2.30
Friendship Park Lake	L-1	1990	May	WAP	SEDO	Impoundment	5/16/1990		
Friendship Park Lake	L-1	1990	September	WAP	SEDO	Impoundment	9/12/1990	0.70	0.70
Grafton Upground Reservoir	L-1	1992	August	EOLP	NEDO	Upground	8/13/1992	9.61	
Grafton Upground Reservoir	L-1	1992	September	EOLP	NEDO	Upground	9/14/1992	16.67	
Grafton Upground Reservoir	L-1	1993	June	EOLP		Upground	6/7/1993		
Grafton Upground Reservoir	L-1	1993	June	EOLP	NEDO	Upground	6/7/1993		13.14
Grand Lake St. Marys	L-1	1992	August	ECBP	NWDO	Impoundment	8/19/1992	119.63	
Grand Lake St. Marys	L-1	1992	September	ECBP	NWDO	Impoundment	9/11/1992	124.06	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Grand Lake St. Marys	L-1	1993	May	ECBP	NWDO	Impoundment	5/20/1993		121.85
Grand Lake St. Marys	L-1	1999	May	ECBP	NWDO	Impoundment	5/25/1999	278.35	
Grand Lake St. Marys	L-1	1999	August	ECBP	NWDO	Impoundment	8/11/1999	238.29	
Grand Lake St. Marys	L-1	1999	September	ECBP	NWDO	Impoundment	9/9/1999		258.32
Grand Lake St. Marys	L-2	1992	August	ECBP	NWDO	Impoundment	8/19/1992	126.15	
Grand Lake St. Marys	L-2	1992	September	ECBP	NWDO	Impoundment	9/11/1992	119.09	
Grand Lake St. Marys	L-2	1993	May	ECBP	NWDO	Impoundment	5/20/1993		122.62
Grand Lake St. Marys	L-2	1999	May	ECBP	NWDO	Impoundment	5/25/1999	294.60	
Grand Lake St. Marys	L-2	1999	August	ECBP	NWDO	Impoundment	8/11/1999	277.34	
Grand Lake St. Marys	L-2	1999	September	ECBP	NWDO	Impoundment	9/9/1999	241.08	277.34
Grand Lake St. Marys	L-3	1992	August	ECBP	NWDO	Impoundment	8/19/1992	115.54	
Grand Lake St. Marys	L-3	1992	September	ECBP	NWDO	Impoundment	9/11/1992	127.81	
Grand Lake St. Marys	L-3	1993	May	ECBP	NWDO	Impoundment	5/20/1993		121.68
Grand Lake St. Marys	L-3	1999	May	ECBP	NWDO	Impoundment	5/25/1999	310.86	
Grand Lake St. Marys	L-3	1999	August	ECBP	NWDO	Impoundment	8/11/1999	246.51	
Grand Lake St. Marys	L-3	1999	September	ECBP	NWDO	Impoundment	9/9/1999	266.64	266.64
Grand River Wildlife Lake	L-1	1995	May	EOLP	NEDO	Impoundment	5/16/1995	5.62	
Grand River Wildlife Lake	L-1	1995	July	EOLP	NEDO	Impoundment	7/31/1995	28.21	
Grand River Wildlife Lake	L-1	1995	August	EOLP	NEDO	Impoundment	8/21/1995	85.89	28.21
Grant Lake	L-1	1997	May	ECBP	SWDO	Impoundment	5/27/1997	121.59	
Grant Lake	L-1	1997	May	ECBP	SWDO	Impoundment	5/27/1997		
Grant Lake	L-1	1997	August	ECBP	SWDO	Impoundment	8/13/1997	56.28	
Grant Lake	L-1	1997	September	ECBP	SWDO	Impoundment	9/18/1997		88.94
Grant Lake	L-1	2006	June	ECBP	SWDO	Impoundment	6/29/2006	73.27	73.27
Grant Lake	L-2	1997	May	ECBP	SWDO	Impoundment	5/27/1997	99.35	99.35
Grant Lake	L-2	2006	June	ECBP	SWDO	Impoundment	6/29/2006	87.30	87.30
Greenfield Lake	L-1	1992	August	ECBP	CDO	Impoundment	8/12/1992	60.53	
Greenfield Lake	L-1	1992	September	ECBP	CDO	Impoundment	9/9/1992	14.84	
Greenfield Lake	L-1	1993	June	ECBP	CDO	Impoundment	6/9/1993		37.69
Griggs Reservoir	L-1	1990	April	ECBP	CDO	Impoundment	4/26/1990		
Griggs Reservoir	L-1	1990	August	ECBP	CDO	Impoundment	8/24/1990	9.09	9.09
Guilford Lake	L-1	1989	May	EOLP	NEDO	Impoundment	5/17/1989		
Guilford Lake	L-1	1989	August	EOLP	NEDO	Impoundment	8/8/1989	60.65	60.65
Guilford Lake	L-1	1994	May	EOLP	NEDO	Impoundment	5/16/1994		
Guilford Lake	L-1	1994	July	EOLP	NEDO	Impoundment	7/19/1994	28.13	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Guilford Lake	L-1	1994	August	EOLP	NEDO	Impoundment	8/30/1994	57.04	42.59
Hammertown Lake	L-1	1997	May	WAP	SEDO	Impoundment	5/19/1997		
Hammertown Lake	L-1	1997	July	WAP	SEDO	Impoundment	7/14/1997		
Hammertown Lake	L-1	1997	September	WAP	SEDO	Impoundment	9/23/1997		
Hargus Lake	L-1	1990	April	ECBP	CDO	Impoundment	4/24/1990		
Hargus Lake	L-1	1990	August	ECBP	CDO	Impoundment	8/23/1990	2.94	2.94
Hargus Lake	L-1	1997	June	ECBP	CDO	Impoundment	6/19/1997	4.42	
Hargus Lake	L-1	1997	July	ECBP	CDO	Impoundment	7/17/1997	11.35	
Hargus Lake	L-1	1997	August	ECBP	CDO	Impoundment	8/21/1997		7.89
Harrison Lake	L-1	1990	April	ECBP	NWDO	Impoundment	4/25/1990		
Harrison Lake	L-1	1990	September	ECBP	NWDO	Impoundment	9/10/1990	30.80	30.80
Harrison Lake	L-1	1997	May	ECBP	NWDO	Impoundment	5/28/1997	88.12	
Harrison Lake	L-1	1997	August	ECBP	NWDO	Impoundment	8/13/1997	16.24	52.18
Highlandtown Lake	L-1	2005	June	WAP	NEDO	Impoundment	6/13/2005	3.67	
Highlandtown Lake	L-1	2005	July	WAP	NEDO	Impoundment	7/13/2005	6.80	
Highlandtown Lake	L-1	2005	September	WAP	NEDO	Impoundment	9/15/2005	6.46	
Highlandtown Lake	L-1	2006	September	WAP	NEDO	Impoundment	9/20/2006	12.65	6.63
Hillsboro Reservoir	L-1	1989	May	ECBP	SWDO	Impoundment	5/17/1989		
Hillsboro Reservoir	L-1	1989	August	ECBP	SWDO	Impoundment	8/28/1989	9.46	9.46
Hinckley Lake	L-1	1989	April	EOLP	NEDO	Impoundment	4/20/1989		
Hinckley Lake	L-1	1989	July	EOLP	NEDO	Impoundment	7/12/1989	8.01	8.01
Hoover Reservoir	L-1	1989	May	ECBP	CDO	Impoundment	5/4/1989		
Hoover Reservoir	L-1	1989	August	ECBP	CDO	Impoundment	8/25/1989	7.80	7.80
Hoover Reservoir	L-1	2000	May	ECBP	CDO	Impoundment	5/3/2000		
Hoover Reservoir	L-1	2000	July	ECBP	CDO	Impoundment	7/6/2000		
Hoover Reservoir	L-1	2000	August	ECBP	CDO	Impoundment	8/30/2000		
Hoover Reservoir	L-2	1989	May	ECBP	CDO	Impoundment	5/4/1989		
Hoover Reservoir	L-2	1989	August	ECBP	CDO	Impoundment	8/25/1989	33.92	33.92
Hoover Reservoir	L-2	2000	May	ECBP	CDO	Impoundment	5/3/2000		
Hoover Reservoir	L-2	2000	July	ECBP	CDO	Impoundment	7/6/2000		
Hoover Reservoir	L-2	2000	August	ECBP	CDO	Impoundment	8/30/2000		
Huffman Pond	L-1	1994	May	ECBP	SWDO	Dugout	5/25/1994		
Huffman Pond	L-1	1994	August	ECBP	SWDO	Dugout	8/9/1994	55.83	
Huffman Pond	L-1	1994	September	ECBP	SWDO	Dugout	9/13/1994		55.83
Indian Lake	L-1	1992	August	ECBP	SWDO	Impoundment	8/2/1992	89.39	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Indian Lake	L-1	1992	August	ECBP	SWDO	Impoundment	8/24/1992	43.83	
Indian Lake	L-1	1993	May	ECBP	SWDO	Impoundment	5/27/1993		66.61
Indian Lake	L-1	1999	May	ECBP	SWDO	Impoundment	5/25/1999		
Indian Lake	L-1	1900		ECBP	SWDO	Impoundment			
Indian Lake	L-3	1992	August	ECBP	SWDO	Impoundment	8/2/1992	72.37	
Indian Lake	L-3	1992	August	ECBP	SWDO	Impoundment	8/24/1992	53.57	62.97
Indian Lake	L-3	1993	May	ECBP	SWDO	Impoundment	5/27/1993		
Indian Lake	L-3	1999	May	ECBP	SWDO	Impoundment	5/25/1999		
Jefferson Lake	L-1	1990	May	WAP	SEDO	Impoundment	5/16/1990		
Jefferson Lake	L-1	1990	September	WAP	SEDO	Impoundment	9/12/1990	10.63	10.63
Jefferson Lake	L-1	2005	August	WAP	SEDO	Impoundment	8/11/2005		
Jefferson Lake	L-1	2006	September	WAP	SEDO	Impoundment	9/20/2006	31.65	31.65
Jisco Lake	L-1	1990	April	WAP	SEDO	Impoundment	4/26/1990		
Jisco Lake	L-1	1990	August	WAP	SEDO	Impoundment	8/23/1990	1.31	1.31
Killdeer Res	L-1	1990	May	ECBP	NWDO	Upground	5/14/1990		
Killdeer Res	L-1	1990	September	ECBP	NWDO	Upground	9/13/1990	0.79	0.79
Kiser Lake	L-1	1989	April	ECBP	SWDO	Impoundment	4/20/1989		
Kiser Lake	L-1	1989	August	ECBP	SWDO	Impoundment	8/17/1989	79.13	79.13
Knox Lake	L-1	1989	May	EOLP	CDO	Impoundment	5/11/1989		
Knox Lake	L-1	1989	August	EOLP	CDO	Impoundment	8/21/1989	54.10	54.10
Knox Lake	L-2	1989	May	EOLP	CDO	Impoundment	5/11/1989		
Knox Lake	L-2	1989	August	EOLP	CDO	Impoundment	8/21/1989	99.23	99.23
LaDue Reservoir	L-1	2009	May	EOLP	NEDO	Impoundment	5/21/2009	4.8	
LaDue Reservoir	L-1	2009	June	EOLP	NEDO	Impoundment	6/25/2009	7.8	
LaDue Reservoir	L-1	2009	July	EOLP	NEDO	Impoundment	7/20/2009	5.6	
LaDue Reservoir	L-1	2009	August	EOLP	NEDO	Impoundment	8/12/2009	34.4	
LaDue Reservoir	L-1	2009	September	EOLP	NEDO	Impoundment	9/22/2009	58.4	7.80
LaDue Reservoir	L-2	2009	May	EOLP	NEDO	Impoundment	5/21/2009	6.1	
LaDue Reservoir	L-2	2009	July	EOLP	NEDO	Impoundment	7/20/2009	11.1	
LaDue Reservoir	L-2	2009	August	EOLP	NEDO	Impoundment	8/12/2009	36.7	
LaDue Reservoir	L-2	2009	September	EOLP	NEDO	Impoundment	9/22/2009	58.5	23.90
Lake Aquilla	L-1	1989	April	EOLP	NEDO	Natural Lake	4/27/1989		
Lake Aquilla	L-1	1989	August	EOLP	NEDO	Natural Lake	8/23/1989	27.69	27.69
Lake Hope	L-1	1990	April	WAP	SEDO	Impoundment	4/25/1990		
Lake Hope	L-1	1990	August	WAP	SEDO	Impoundment	8/22/1990	6.55	6.55

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Lake Isabella	L-1	1996	May	ECBP	SWDO	Dugout	5/30/1996	10.23	
Lake Isabella	L-1	1996	August	ECBP	SWDO	Dugout	8/27/1996	30.53	
Lake Isabella	L-1	1996	September	ECBP	SWDO	Dugout	9/25/1996	30.06	30.06
Lake LaSuan	L-1	1990	April	ECBP	NWDO	Impoundment	4/25/1990		
Lake LaSuan	L-1	1990	September	ECBP	NWDO	Impoundment	9/10/1990	9.93	9.93
Lake Lavere	L-1	1997	May	ECBP	NWDO	Impoundment	5/27/1997	2.62	
Lake Lavere	L-1	1997	August	ECBP	NWDO	Impoundment	8/14/1997	25.43	14.03
Lake LeComte	L-1	1990	May	ECBP	NWDO	Upground	5/15/1990		
Lake LeComte	L-1	1990	August	ECBP	NWDO	Upground	8/23/1990	3.43	3.43
Lake Logan	L-1	1990	April	WAP	SEDO	Impoundment	4/24/1990		
Lake Logan	L-1	1990	August	WAP	SEDO	Impoundment	8/20/1990	32.48	32.48
Lake Logan	L-2	1990	April	WAP	SEDO	Impoundment	4/24/1990		
Lake Logan	L-2	1990	August	WAP	SEDO	Impoundment	8/20/1990	25.14	25.14
Lake Loramie	L-1	1989	April	ECBP	SWDO	Impoundment	4/25/1989		
Lake Loramie	L-1	1989	August	ECBP	SWDO	Impoundment	8/29/1989		
Lake Loramie	L-1	1999	May	ECBP	SWDO	Impoundment	5/27/1999		
Lake Loramie	L-2	1999	May	ECBP	SWDO	Impoundment	5/27/1999		
Lake Loramie	L-1	2008	July	ECBP	SWDO	Impoundment	7/10/2008	83.1	
Lake Loramie	L-1	2008	August	ECBP	SWDO	Impoundment	8/14/2008	63.8	
Lake Loramie	L-1	2009	June	ECBP	SWDO	Impoundment	6/9/2009	324.0	
Lake Loramie	L-1	2009	June	ECBP	SWDO	Impoundment	6/29/2009	155.0	
Lake Loramie	L-1	2009	July	ECBP	SWDO	Impoundment	7/7/2009		
Lake Loramie	L-1	2009	July	ECBP	SWDO	Impoundment	7/21/2009	89.1	
Lake Loramie	L-1	2009	August	ECBP	SWDO	Impoundment	8/5/2009	115.0	
Lake Loramie	L-1	2009	August	ECBP	SWDO	Impoundment	8/18/2009	123.0	115.00
Lake Loretta	L-1	1995	May	WAP	CDO	Impoundment	5/16/1995	10.00	
Lake Loretta	L-1	1995	May	WAP	CDO	Impoundment	5/16/1995	10.01	
Lake Loretta	L-1	1995	September	WAP	CDO	Impoundment	9/15/1995	16.47	
Lake Loretta	L-1	1995	September	WAP	CDO	Impoundment	9/15/1995		
Lake Loretta	L-1	1995	October	WAP	CDO	Impoundment	10/24/1995		
Lake Loretta	L-1	1995	October	WAP	CDO	Impoundment	10/24/1995	16.47	13.24
Lake Milton	L-1	1989	May	EOLP	NEDO	Impoundment	5/4/1989		
Lake Milton	L-1	1989	July	EOLP	NEDO	Impoundment	7/25/1989	41.89	
Lake Milton	L-2	1989	May	EOLP	NEDO	Impoundment	5/4/1989		
Lake Milton	L-2	1989	July	EOLP	NEDO	Impoundment	7/25/1989		41.89

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Lake Nesmith	L-1	1996	July	EOLP	NEDO	Natural Lake	7/24/1996	56.93	
Lake Nesmith	L-1	1996	August	EOLP	NEDO	Natural Lake	8/20/1996	47.97	52.45
Lake Pippen	L-1	1989	May	EOLP	NEDO	Natural Lake	5/18/1989		
Lake Pippen	L-1	1989	August	EOLP	NEDO	Natural Lake	8/9/1989	5.05	5.05
Lake Rockwell L-1	L-1	2009	June	EOLP	NEDO	Impoundment	6/10/2009	12.5	
Lake Rockwell L-1	L-1	2009	July	EOLP	NEDO	Impoundment	7/8/2009	21.2	
Lake Rockwell L-1	L-1	2009	July	EOLP	NEDO	Impoundment	7/15/2009	20.6	
Lake Rockwell L-1	L-1	2009	August	EOLP	NEDO	Impoundment	8/5/2009	37.4	
Lake Rockwell L-1	L-1	2009	September	EOLP	NEDO	Impoundment	9/9/2009	54.3	21.20
Lake Rockwell L-2	L-2	2009	June	EOLP	NEDO	Impoundment	6/10/2009		
Lake Rockwell L-2	L-2	2009	July	EOLP	NEDO	Impoundment	7/8/2009		
Lake Rockwell L-2	L-2	2009	July	EOLP	NEDO	Impoundment	7/15/2009		
Lake Rockwell L-2	L-2	2009	August	EOLP	NEDO	Impoundment	8/5/2009		
Lake Rockwell L-2	L-2	2009	September	EOLP	NEDO	Impoundment	9/9/2009		
Lake Romona	L-1	1995	May	WAP	CDO	Impoundment	5/16/1995	7.11	
Lake Romona	L-1	1995	May	WAP	CDO	Impoundment	5/16/1995	7.11	
Lake Romona	L-1	1995	September	WAP	CDO	Impoundment	9/15/1995	22.99	
Lake Romona	L-1	1995	September	WAP	CDO	Impoundment	9/15/1995	22.99	
Lake Romona	L-1	1995	October	WAP	CDO	Impoundment	10/24/1995		
Lake Romona	L-1	1995	October	WAP	CDO	Impoundment	10/24/1995		15.05
Lake Rupert	L-1	1992	August	WAP	SEDO	Impoundment	8/4/1992		
Lake Rupert	L-1	1992	August	WAP	SEDO	Impoundment	8/26/1992	4.25	
Lake Rupert	L-1	1993	May	WAP	SEDO	Impoundment	5/24/1993		4.25
Lake Rupert	L-1	1995	May	WAP	SEDO	Impoundment	5/10/1995	3.18	
Lake Rupert	L-1	1995	August	WAP	SEDO	Impoundment	8/22/1995	19.75	
Lake Rupert	L-1	1995	September	WAP	SEDO	Impoundment	9/12/1995	16.05	16.05
Lake Snowden	L-1	1995	May	WAP	SEDO	Impoundment	5/8/1995	6.05	
Lake Snowden	L-1	1995	August	WAP	SEDO	Impoundment	8/21/1995	6.54	
Lake Snowden	L-1	1995	September	WAP	SEDO	Impoundment	9/11/1995	10.44	
Lake Snowden	L-1	1995	September	WAP	SEDO	Impoundment	9/21/1995		6.54
Lake Sue	L-1	1997	May	ECBP	NWDO	Impoundment	5/27/1997	67.27	
Lake Sue	L-1	1997	August	ECBP	NWDO	Impoundment	8/14/1997	61.74	64.51
Lake White	L-1	1992	August	WAP	SEDO	Impoundment	8/4/1992	22.51	
Lake White	L-1	1992	August	WAP	SEDO	Impoundment	8/26/1992	9.42	
Lake White	L-1	1993	May	WAP	SEDO	Impoundment	5/24/1993		15.97

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Lake White	L-1	1997	May	WAP	SEDO	Impoundment	5/20/1997		
Lake White	L-1	1997	July	WAP	SEDO	Impoundment	7/14/1997		
Lake White	L-1	1997	September	WAP	SEDO	Impoundment	9/21/1997		
Lampson (Jefferson) Reservoir	L-1	1995	May	EOLP	NEDO	Upground	5/22/1995	3.37	
Lampson (Jefferson) Reservoir	L-1	1995	August	EOLP	NEDO	Upground	8/1/1995	31.14	
Lampson (Jefferson) Reservoir	L-1	1995	August	EOLP	NEDO	Upground	8/24/1995	82.12	31.14
Long Lake	L-1	1993	June	EOLP	NEDO	Natural Lake	6/2/1993		
Long Lake	L-1	1993	August	EOLP	NEDO	Natural Lake	8/26/1993	39.95	
Long Lake	L-1	1993	September	EOLP	NEDO	Natural Lake	9/8/1993	58.23	49.09
Long Lake	L-1	1998	May	EOLP	NEDO	Natural Lake	5/11/1998	54.50	
Long Lake	L-1	1998	June	EOLP	NEDO	Natural Lake	6/24/1998	35.10	
Long Lake	L-1	1998	July	EOLP	NEDO	Natural Lake	7/23/1998	45.95	
Long Lake	L-1	1998	August	EOLP	NEDO	Natural Lake	8/19/1998	34.60	40.53
Long Lake	L-2	1993	June	EOLP	NEDO	Natural Lake	6/2/1993		
Long Lake	L-2	1993	August	EOLP	NEDO	Natural Lake	8/26/1993	47.20	
Long Lake	L-2	1993	September	EOLP	NEDO	Natural Lake	9/8/1993	49.53	48.37
Long Lake	L-2	1998	May	EOLP	NEDO	Natural Lake	5/11/1998	36.40	
Long Lake	L-2	1998	June	EOLP	NEDO	Natural Lake	6/24/1998	26.20	
Long Lake	L-2	1998	July	EOLP	NEDO	Natural Lake	7/23/1998	43.45	
Long Lake	L-2	1998	August	EOLP	NEDO	Natural Lake	8/19/1998	31.50	
Long Lake	L-2	1998	October	EOLP	NEDO	Natural Lake	10/1/1998	29.12	31.50
Lost Ck Res	L-1	1996	May	ECBP	NWDO	Upground	5/7/1996	5.40	
Lost Ck Res	L-1	1996	August	ECBP	NWDO	Upground	8/22/1996	3.69	4.55
Madison Lake	L-1	1992	August	ECBP	CDO	Impoundment	8/13/1992	73.39	
Madison Lake	L-1	1992	September	ECBP	CDO	Impoundment	9/10/1992	44.03	
Madison Lake	L-1	1993	June	ECBP	CDO	Impoundment	6/7/1993		58.71
Madison Lake	L-1	1997	June	ECBP	CDO	Impoundment	6/19/1997	48.17	
Madison Lake	L-1	1997	July	ECBP	CDO	Impoundment	7/18/1997	51.61	
Madison Lake	L-1	1997	August	ECBP	CDO	Impoundment	8/22/1997		49.89
Maple Grove Lake	L-1	1994	May	ECBP	CDO	Impoundment	5/11/1994	3.43	
Maple Grove Lake	L-1	1994	July	ECBP	CDO	Impoundment	7/28/1994	9.07	
Maple Grove Lake	L-1	1994	September	ECBP	CDO	Impoundment	9/7/1994	21.08	9.07
Maysville Reservoir	L-1	1994	April	WAP	SEDO	Quarry	4/28/1994		
Maysville Reservoir	L-1	1994	August	WAP	SEDO	Quarry	8/9/1994	4.27	
Maysville Reservoir	L-1	1994	August	WAP	SEDO	Quarry	8/30/1994	2.37	3.32

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
McComb Res #2	L-1	1996	May	HELP	NWDO	Upground	5/6/1996	3.49	
McComb Res #2	L-1	1996	August	HELP	NWDO	Upground	8/21/1996	23.04	13.27
Meander Creek Reservoir	L-1	1994	May	EOLP	NEDO	Impoundment	5/25/1994		
Meander Creek Reservoir	L-1	1994	July	EOLP	NEDO	Impoundment	7/20/1994	21.87	
Meander Creek Reservoir	L-1	1994	August	EOLP	NEDO	Impoundment	8/23/1994	6.72	14.30
Meander Creek Reservoir	L-2	1994	August	EOLP	NEDO	Impoundment	8/23/1994	19.26	19.26
Metamora Res #1	L-1	1992	August	HELP	NWDO	Upground	8/18/1992	9.39	
Metamora Res #1	L-1	1992	September	HELP	NWDO	Upground	9/17/1992	9.59	
Metamora Res #1	L-1	1993	May	HELP	NWDO	Upground	5/17/1993		9.49
Metzger Res	L-1	1990	April	ECBP	NWDO	Upground	4/24/1990		
Metzger Res	L-1	1990	August	ECBP	NWDO	Upground	8/22/1990	9.79	9.79
Miami Whitewater Lake	L-1	1996	May	IP	SWDO	Impoundment	5/22/1996	41.35	
Miami Whitewater Lake	L-1	1996	August	IP	SWDO	Impoundment	8/26/1996	98.11	
Miami Whitewater Lake	L-1	1996	September	IP	SWDO	Impoundment	9/24/1996	47.95	47.95
Miami Whitewater Lake	L-2	1996	May	IP	SWDO	Impoundment	5/22/1996	31.00	
Miami Whitewater Lake	L-2	1996	August	IP	SWDO	Impoundment	8/26/1996	106.85	
Miami Whitewater Lake	L-2	1996	September	IP	SWDO	Impoundment	9/24/1996	32.92	32.92
Michael J. Kirwin Reservoir	L-1	1994	May	EOLP	NEDO	Impoundment	5/17/1994		
Michael J. Kirwin Reservoir	L-1	1994	July	EOLP	NEDO	Impoundment	7/18/1994	14.78	
Michael J. Kirwin Reservoir	L-1	1994	August	EOLP	NEDO	Impoundment	8/24/1994	5.20	9.99
Miller Antrim Lake	L-1	1992	August	ECBP	CDO	Dugout	8/12/1992	2.29	
Miller Antrim Lake	L-1	1992	September	ECBP	CDO	Dugout	9/10/1992	2.58	
Miller Antrim Lake	L-1	1993	June	ECBP	CDO	Dugout	6/11/1993		2.44
Mogodore Reservoir	L-1	1996	July	EOLP	NEDO	Impoundment	7/22/1996	45.86	
Mogodore Reservoir	L-1	1996	August	EOLP	NEDO	Impoundment	8/19/1996	167.83	106.85
Mogodore Reservoir	L-2	1996	July	EOLP	NEDO	Impoundment	7/22/1996	70.39	
Mogodore Reservoir	L-2	1996	August	EOLP	NEDO	Impoundment	8/19/1996	346.19	208.29
Mosquito Creek Reservoir	L-1	1989	April	EOLP	NEDO	Impoundment	4/25/1989		
Mosquito Creek Reservoir	L-1	1989	July	EOLP	NEDO	Impoundment	7/10/1989	9.77	
Mosquito Creek Reservoir	L-1	1989	August	EOLP	NEDO	Impoundment	8/10/1989	28.75	19.26
Mosquito Creek Reservoir	L-2	1989	April	EOLP	NEDO	Impoundment	4/25/1989		
Mount Orab Reservoir #1	L-1	1997	May	ECBP	SWDO	Upground	5/20/1997	30.39	
Mount Orab Reservoir #1	L-1	1997	August	ECBP	SWDO	Upground	8/11/1997	84.29	
Mount Orab Reservoir #1	L-1	1997	September	ECBP	SWDO	Upground	9/16/1997		57.34
Mount Orab Reservoir #2	L-1	1997	May	ECBP	SWDO	Upground	5/27/1997	24.50	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Mount Orab Reservoir #2	L-1	1997	August	ECBP	SWDO	Upground	8/13/1997	14.41	
Mount Orab Reservoir #2	L-1	1997	September	ECBP	SWDO	Upground	9/18/1997		19.46
Mt. Gilead Lake	L-1	1994	May	ECBP	CDO	Impoundment	5/3/1994		
Mt. Gilead Lake	L-1	1994	May	ECBP	CDO	Impoundment	5/11/1994	39.73	
Mt. Gilead Lake	L-1	1994	July	ECBP	CDO	Impoundment	7/28/1994	14.21	
Mt. Gilead Lake	L-1	1994	September	ECBP	CDO	Impoundment	9/7/1994	18.79	18.79
Mud Lake	L-1	1992	August	EOLP	NEDO	Natural Lake	8/3/1992	19.24	
Mud Lake	L-1	1992	August	EOLP	NEDO	Natural Lake	8/25/1992	17.33	
Mud Lake	L-1	1993	June	EOLP	NEDO	Natural Lake	6/8/1993		18.29
Munroe Basin Lake	L-1	1990	May	WAP	SEDO	Dugout	5/14/1990		
Munroe Basin Lake	L-1	1990	September	WAP	SEDO	Dugout	9/13/1990	35.89	35.89
Nettle Lake	L-1	1992	August	ECBP	NWDO	Natural Lake	8/17/1992	116.11	
Nettle Lake	L-1	1992	September	ECBP	NWDO	Natural Lake	9/16/1992	69.18	
Nettle Lake	L-1	1993	May	ECBP	NWDO	Natural Lake	5/19/1993		92.65
Nettle Lake	L-1	1997	May	ECBP	NWDO	Natural Lake	5/28/1997	87.92	
Nettle Lake	L-1	1997	August	ECBP	NWDO	Natural Lake	8/13/1997	41.88	64.90
New Concord Reservoir	L-1	1994	April	WAP	SEDO	Impoundment	4/26/1994		
New Concord Reservoir	L-1	1994	August	WAP	SEDO	Impoundment	8/9/1994	7.81	
New Concord Reservoir	L-1	1994	August	WAP	SEDO	Impoundment	8/30/1994	26.80	17.31
New Lexington Reservoir #1	L-1	1995	May	WAP	SEDO	Impoundment	5/9/1995	6.35	
New Lexington Reservoir #1	L-1	1995	August	WAP	SEDO	Impoundment	8/21/1995	0.81	
New Lexington Reservoir #1	L-1	1995	September	WAP	SEDO	Impoundment	9/11/1995	6.89	6.35
Nimisila Reservoir	L-1	1993	May	EOLP	NEDO	Impoundment	5/25/1993		
Nimisila Reservoir	L-1	1993	August	EOLP	NEDO	Impoundment	8/17/1993	18.15	
Nimisila Reservoir	L-1	1993	September	EOLP	NEDO	Impoundment	9/8/1993	14.61	16.38
North Baltimore Res #1	L-1	1994	May	HELP	NWDO	Upground	5/9/1994		
North Baltimore Res #1	L-1	1994	July	HELP	NWDO	Upground	7/25/1994	14.04	
North Baltimore Res #1	L-1	1994	August	HELP	NWDO	Upground	8/22/1994	43.03	28.54
North Branch Kokosing Lake	L-1	1990	April	EOLP	CDO	Impoundment	4/25/1990		
North Branch Kokosing Lake	L-1	1990	August	EOLP	CDO	Impoundment	8/22/1990	7.79	7.79
North Reservoir	L-1	1993	June	EOLP	NEDO	Natural Lake	6/2/1993		
North Reservoir	L-1	1993	August	EOLP	NEDO	Natural Lake	8/26/1993	22.66	22.66
Oak Thorpe Reservoir	L-1	1993	June	EOLP	CDO	Impoundment	6/8/1993		
Oak Thorpe Reservoir	L-1	1993	August	EOLP	CDO	Impoundment	8/24/1993	88.95	
Oak Thorpe Reservoir	L-1	1993	September	EOLP	CDO	Impoundment	9/22/1993	79.38	84.17

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Oberlin Reservoir	L-1	1989	May	EOLP	NEDO	Upground	5/30/1989		
Oberlin Reservoir	L-1	1989	September	EOLP	NEDO	Upground	9/6/1989		
Opossum Creek Pond #1	L-1	1995	May	ECBP	SWDO	Impoundment	5/23/1995	6.25	
Opossum Creek Pond #1	L-1	1995	August	ECBP	SWDO	Impoundment	8/17/1995	11.39	
Opossum Creek Pond #1	L-1	1995	September	ECBP	SWDO	Impoundment	9/27/1995	10.14	10.14
Opossum Creek Reserve Lake	L-1	1995	May	ECBP	SWDO	Impoundment	5/23/1995	8.21	
Opossum Creek Reserve Lake	L-1	1995	August	ECBP	SWDO	Impoundment	8/17/1995	0.39	
Opossum Creek Reserve Lake	L-1	1995	September	ECBP	SWDO	Impoundment	9/27/1995	4.96	4.96
O'Shaughnessy Reservoir	L-1	1995	May	ECBP	CDO	Impoundment	5/15/1995	9.68	
O'Shaughnessy Reservoir	L-1	1995	May	ECBP	CDO	Impoundment	5/15/1995	9.67	
O'Shaughnessy Reservoir	L-1	1995	September	ECBP	CDO	Impoundment	9/14/1995	9.40	
O'Shaughnessy Reservoir	L-1	1995	September	ECBP	CDO	Impoundment	9/14/1995	9.39	
O'Shaughnessy Reservoir	L-1	1995	October	ECBP	CDO	Impoundment	10/23/1995		
O'Shaughnessy Reservoir	L-1	1995	October	ECBP	CDO	Impoundment	10/25/1995		9.53
Paint Creek Lake	L-1	1992	August	ECBP	SWDO	Impoundment	8/4/1992	127.26	
Paint Creek Lake	L-1	1992	August	ECBP	SWDO	Impoundment	8/25/1992	41.21	
Paint Creek Lake	L-1	1993	May	ECBP	SWDO	Impoundment	5/25/1993		84.24
Paint Creek Lake	L-1	2006	June	ECBP	SEDO	Impoundment	6/14/2006		
Paint Creek Lake	L-1	2006	August	ECBP	SEDO	Impoundment	8/24/2006		
Paint Creek Lake	L-2	1992	August	ECBP	SWDO	Impoundment	8/4/1992		
Paint Creek Lake	L-2	1992	August	ECBP	SWDO	Impoundment	8/25/1992	93.06	
Paint Creek Lake	L-2	1993	May	ECBP	SWDO	Impoundment	5/25/1993		93.06
Paint Creek Lake	L-2	2006	June	ECBP	SEDO	Impoundment	6/14/2006		
Paint Creek Lake	L-2	2006	August	ECBP	SEDO	Impoundment	8/24/2006		
Paulding Res	L-1	1996	May	HELP	NWDO	Upground	5/7/1996	2.34	
Paulding Res	L-1	1996	August	HELP	NWDO	Upground	8/22/1996	10.58	6.46
Piedmont Lake	L-1	1998	May	WAP	SEDO	Impoundment	5/18/1998	1.20	
Piedmont Lake	L-1	1998	July	WAP	SEDO	Impoundment	7/14/1998	2.60	
Piedmont Lake	L-1	1998	September	WAP	SEDO	Impoundment	9/16/1998		1.90
Pike Lake	L-1	1997	May	WAP	SEDO	Impoundment	5/20/1997		
Pike Lake	L-1	1997	July	WAP	SEDO	Impoundment	7/15/1997		
Pike Lake	L-1	1997	September	WAP	SEDO	Impoundment	9/22/1997		
Pleasant Hill Lake	L-1	1993	May	EOLP	NWDO	Impoundment	5/27/1993		
Pleasant Hill Lake	L-1	1993	August	EOLP	NWDO	Impoundment	8/23/1993	47.81	
Pleasant Hill Lake	L-1	1993	September	EOLP	NWDO	Impoundment	9/16/1993	76.01	61.91

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Pleasant Hill Lake	L-1	1998	May	EOLP	NWDO	Impoundment	5/20/1998	19.95	
Pleasant Hill Lake	L-1	1998	September	EOLP	NWDO	Impoundment	9/10/1998	31.55	25.75
Pleasant Hill Lake	L-2	1993	May	EOLP	NWDO	Impoundment	5/27/1993		
Pleasant Hill Lake	L-2	1993	August	EOLP	NWDO	Impoundment	8/23/1993	59.84	
Pleasant Hill Lake	L-2	1993	September	EOLP	NWDO	Impoundment	9/16/1993	83.97	71.91
Pleasant Hill Lake	L-2	1998	May	EOLP	NWDO	Impoundment	5/20/1998	31.65	
Pleasant Hill Lake	L-2	1998	September	EOLP	NWDO	Impoundment	9/10/1998	37.20	34.43
Punderson Lake	L-1	1989	April	EOLP	NEDO	Natural Lake	4/19/1989		
Punderson Lake	L-1	1989	May	EOLP	NEDO	Natural Lake	5/30/1989		
Punderson Lake	L-1	1989	August	EOLP	NEDO	Natural Lake	8/29/1989	11.66	
Punderson Lake	L-1	1989	September	EOLP	NEDO	Natural Lake	9/6/1989		11.66
Racoon Ck Res	L-1	1995	May	HELP	NWDO	Upground	5/30/1995	10.13	
Racoon Ck Res	L-1	1995	August	HELP	NWDO	Upground	8/2/1995	1.73	
Racoon Ck Res	L-1	1995	August	HELP	NWDO	Upground	8/17/1995	1.65	1.73
Rex Lake	L-1	1992	August	EOLP	NEDO	Impoundment	8/3/1992	21.73	
Rex Lake	L-1	1992	August	EOLP	NEDO	Impoundment	8/25/1992	35.06	
Rex Lake	L-1	1993	June	EOLP	NEDO	Impoundment	6/8/1993		28.40
Richwood Park Lake	L-1	1995	May	ECBP	CDO	Dugout	5/15/1995	23.94	
Richwood Park Lake	L-1	1995	May	ECBP	CDO	Dugout	5/15/1995	25.04	
Richwood Park Lake	L-1	1995	September	ECBP	CDO	Dugout	9/14/1995	68.00	
Richwood Park Lake	L-1	1995	September	ECBP	CDO	Dugout	9/14/1995	67.34	
Richwood Park Lake	L-1	1995	October	ECBP	CDO	Dugout	10/23/1995		
Richwood Park Lake	L-1	1995	October	ECBP	CDO	Dugout	10/23/1995		46.19
Rio Grande Reservoir	L-1	1995	May	WAP	SEDO	Impoundment	5/10/1995	1.33	
Rio Grande Reservoir	L-1	1995	August	WAP	SEDO	Impoundment	8/22/1995	2.39	
Rio Grande Reservoir	L-1	1995	September	WAP	SEDO	Impoundment	9/12/1995	2.10	2.10
Roaming Rock Lake	L-1	1995	May	EOLP	NEDO	Impoundment	5/23/1995	6.53	
Roaming Rock Lake	L-1	1995	August	EOLP	NEDO	Impoundment	8/1/1995	8.43	
Roaming Rock Lake	L-1	1995	August	EOLP	NEDO	Impoundment	8/24/1995	25.11	8.43
Rock Mill Lake	L-1	1993	June	ECBP	CDO	Impoundment	6/9/1993		
Rock Mill Lake	L-1	1993	August	ECBP	CDO	Impoundment	8/26/1993	21.74	
Rock Mill Lake	L-1	1993	September	ECBP	CDO	Impoundment	9/21/1993	28.89	25.32
Rocky Fork Lake	L-1	1989	May	ECBP	SWDO	Impoundment	5/1/1989		
Rocky Fork Lake	L-1	1989	August	ECBP	SWDO	Impoundment	8/22/1989	37.32	37.32
Rocky Fork Lake	L-1	1997	May	ECBP	SWDO	Impoundment	5/19/1997	28.95	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Rocky Fork Lake	L-1	1997	August	ECBP	SWDO	Impoundment	8/12/1997	45.73	
Rocky Fork Lake	L-1	1997	September	ECBP	SWDO	Impoundment	9/17/1997		37.34
Rocky Fork Lake	L-1	2006	June	ECBP	SWDO	Impoundment	6/1/2006	9.37	
Rocky Fork Lake	L-1	2006	September	ECBP	SWDO	Impoundment	9/19/2006	58.95	34.16
Rocky Fork Lake	L-2	1989	May	ECBP	SWDO	Impoundment	5/1/1989		
Rocky Fork Lake	L-2	1989	August	ECBP	SWDO	Impoundment	8/22/1989	46.18	46.18
Rocky Fork Lake	L-2	1997	May	ECBP	SWDO	Impoundment	5/19/1997	35.90	
Rocky Fork Lake	L-2	1997	August	ECBP	SWDO	Impoundment	8/12/1997	46.04	
Rocky Fork Lake	L-2	1997	September	ECBP	SWDO	Impoundment	9/17/1997		40.97
Rocky Fork Lake	L-2	2006	June	ECBP	SWDO	Impoundment	6/1/2006	21.55	
Rocky Fork Lake	L-2	2006	September	ECBP	SWDO	Impoundment	9/19/2006	65.77	43.66
Roosevelt Lake	L-1	1992	August	WAP	SEDO	Impoundment	8/5/1992		
Roosevelt Lake	L-1	1992	August	WAP	SEDO	Impoundment	8/27/1992	1.69	1.69
Roosevelt Lake	L-1	1993	May	WAP	SEDO	Impoundment	5/25/1993		
Rose Lake	L-1	2005	June	WAP	SEDO	Impoundment	6/27/2005	1.36	
Rose Lake	L-1	2005	August	WAP	SEDO	Impoundment	8/24/2005	2.34	1.85
Ross Lake	L-1	1997	May	WAP	SEDO	Impoundment	5/19/1997		
Ross Lake	L-1	1997	July	WAP	SEDO	Impoundment	7/14/1997		
Ross Lake	L-1	1997	September	WAP	SEDO	Impoundment	9/23/1997		
Rush Creek Lake	L-1	1992	August	EOLP	CDO	Impoundment	8/14/1992	28.68	
Rush Creek Lake	L-1	1992	September	EOLP	CDO	Impoundment	9/9/1992	44.31	
Rush Creek Lake	L-1	1993	June	EOLP	CDO	Impoundment	6/8/1993		36.50
Rush Run Lake	L-1	1989	April	ECBP	SWDO	Impoundment	4/26/1989		
Rush Run Lake	L-1	1989	August	ECBP	SWDO	Impoundment	8/21/1989	6.12	6.12
Rush Run Lake	L-1	1996	May	ECBP	SWDO	Impoundment	5/22/1996	11.92	
Rush Run Lake	L-1	1996	August	ECBP	SWDO	Impoundment	8/26/1996	6.64	
Rush Run Lake	L-1	1996	September	ECBP	SWDO	Impoundment	9/24/1996	9.75	9.75
Salt Fork Reservoir	L-1	1994	April	WAP	SEDO	Impoundment	4/25/1994		
Salt Fork Reservoir	L-1	1994	August	WAP	SEDO	Impoundment	8/8/1994	17.68	
Salt Fork Reservoir	L-1	1994	August	WAP	SEDO	Impoundment	8/29/1994	14.83	16.26
Salt Fork Reservoir	L-2	1994	April	WAP	SEDO	Impoundment	4/25/1994		
Salt Fork Reservoir	L-2	1994	August	WAP	SEDO	Impoundment	8/8/1994	2.05	
Salt Fork Reservoir	L-2	1994	August	WAP	SEDO	Impoundment	8/29/1994	42.87	22.46
Sardinia Reservoir	L-1	1997	May	ECBP	SWDO	Impoundment	5/20/1997	3.93	
Sardinia Reservoir	L-1	1997	August	ECBP	SWDO	Impoundment	8/11/1997	10.18	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Sardinia Reservoir	L-1	1997	September	ECBP	SWDO	Impoundment	9/16/1997		7.06
Sebald Pond #1	L-1	1995	May	ECBP	SWDO	Impoundment	5/23/1995		
Sebald Pond #1	L-1	1995	August	ECBP	SWDO	Impoundment	8/15/1995	8.74	
Sebald Pond #1	L-1	1995	September	ECBP	SWDO	Impoundment	9/26/1995	27.11	17.93
Sharon Woods Lake	L-1	1996	May	IP	SWDO	Impoundment	5/30/1996	10.20	
Sharon Woods Lake	L-1	1996	August	IP	SWDO	Impoundment	8/27/1996	7.57	
Sharon Woods Lake	L-1	1996	September	IP	SWDO	Impoundment	9/25/1996	3.39	7.57
Shelby Res #1	L-1	1993	May	EOLP	NWDO	Upground	5/25/1993		
Shelby Res #1	L-1	1993	August	EOLP	NWDO	Upground	8/26/1993	16.41	
Shelby Res #1	L-1	1993	September	EOLP	NWDO	Upground	9/13/1993	68.42	42.42
Shelby Res #2	L-1	1993	May	EOLP	NWDO	Upground	5/25/1993		
Shelby Res #2	L-1	1993	August	EOLP	NWDO	Upground	8/26/1993	8.47	
Shelby Res #2	L-1	1993	September	EOLP	NWDO	Upground	9/13/1993	3.71	6.09
Shreve Lake	L-1	1989	May	EOLP	NEDO	Impoundment	5/11/1989		
Shreve Lake	L-1	1989	August	EOLP	NEDO	Impoundment	8/28/1989	23.17	23.17
Sippo Lake	L-1	1999	April	EOLP	NEDO	Natural Lake	4/28/1999	8.59	
Sippo Lake	L-1	1999	May	EOLP	NEDO	Natural Lake	5/26/1999	12.59	
Sippo Lake	L-1	1999	June	EOLP	NEDO	Natural Lake	6/30/1999	23.74	
Sippo Lake	L-1	1999	August	EOLP	NEDO	Natural Lake	8/4/1999	68.40	
Sippo Lake	L-1	1999	October	EOLP	NEDO	Natural Lake	10/5/1999	24.03	23.74
Sippo Lake	L-1	2002	June	EOLP	NEDO	Natural Lake	6/26/2002	16.15	
Sippo Lake	L-1	2002	July	EOLP	NEDO	Natural Lake	7/25/2002	55.60	
Sippo Lake	L-1	2002	August	EOLP	NEDO	Natural Lake	8/9/2002	49.10	
Sippo Lake	L-1	2002	October	EOLP	NEDO	Natural Lake	10/7/2002	44.08	46.59
Sippo Lake	L-2	1999	April	EOLP	NEDO	Natural Lake	4/28/1999	9.71	
Sippo Lake	L-2	1999	May	EOLP	NEDO	Natural Lake	5/26/1999	11.73	
Sippo Lake	L-2	1999	June	EOLP	NEDO	Natural Lake	6/30/1999	23.13	
Sippo Lake	L-2	1999	August	EOLP	NEDO	Natural Lake	8/4/1999	51.48	
Sippo Lake	L-2	1999	October	EOLP	NEDO	Natural Lake	10/5/1999	23.09	23.09
Sippo Lake	L-2	2002	June	EOLP	NEDO	Natural Lake	6/26/2002	29.07	
Sippo Lake	L-2	2002	July	EOLP	NEDO	Natural Lake	7/25/2002	72.34	
Sippo Lake	L-2	2002	August	EOLP	NEDO	Natural Lake	8/9/2002	50.44	
Sippo Lake	L-2	2002	October	EOLP	NEDO	Natural Lake	10/7/2002	38.80	44.62
Spring Valley Lake	L-1	1989	May	ECBP	SWDO	Impoundment	5/8/1989		
Spring Valley Lake	L-1	1989	August	ECBP	SWDO	Impoundment	8/14/1989	6.06	6.06

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
St. Clairsville Res.#1	L-1	1996	May	WAP	SEDO	Impoundment	5/23/1996	6.86	
St. Clairsville Res.#1	L-1	1996	August	WAP	SEDO	Impoundment	8/13/1996	14.60	
St. Clairsville Res.#1	L-1	1996	September	WAP		Impoundment	9/17/1996		10.73
Stage's Pond	L-1	1993	June	ECBP	CDO	Natural Lake	6/16/1993		
Stage's Pond	L-1	1993	August	ECBP	CDO	Natural Lake	8/24/1993	286.32	
Stage's Pond	L-1	1993	September	ECBP	CDO	Natural Lake	9/21/1993	93.17	189.75
Stonelick Reservoir	L-3	1989	May	IP	SWDO	Impoundment	5/10/1989		
Stonelick Reservoir	L-3	1989	August	IP	SWDO	Impoundment	8/30/1989		
Summit Lake	L-1	1996	July	EOLP	NEDO	Natural Lake	7/24/1996	32.38	
Summit Lake	L-1	1996	August	EOLP	NEDO	Natural Lake	8/20/1996	36.75	34.57
Sunny Lake	L-1	1995	May	EOLP	NEDO	Natural Lake	5/15/1995	40.49	
Sunny Lake	L-1	1995	July	EOLP	NEDO	Natural Lake	7/31/1995	39.63	
Sunny Lake	L-1	1995	August	EOLP	NEDO	Natural Lake	8/21/1995	54.74	40.49
Swanton Res	L-1	2006	May	HELP	NWDO	Upground	5/23/2006	57.14	
Swanton Res	L-1	2006	August	HELP	NWDO	Upground	8/8/2006	28.20	
Swanton Res	L-1	2006	September	HELP	NWDO	Upground	9/19/2006	69.06	57.14
Swift Run Lake	L-1	1989	April	ECBP	SWDO	Impoundment	4/25/1989		
Swift Run Lake	L-1	1989	August	ECBP	SWDO	Impoundment	8/17/1989	40.47	40.47
Swift Run Lake	L-1	2008	June	ECBP	SWDO	Impoundment	6/5/2008	28.1	
Swift Run Lake	L-1	2008	June	ECBP	SWDO	Impoundment	6/17/2008	76.1	
Swift Run Lake	L-1	2008	June	ECBP	SWDO	Impoundment	6/25/2008	67.2	
Swift Run Lake	L-1	2008	July	ECBP	SWDO	Impoundment	7/8/2008	82.4	
Swift Run Lake	L-1	2008	July	ECBP	SWDO	Impoundment	7/30/2008	68.5	
Swift Run Lake	L-1	2008	August	ECBP	SWDO	Impoundment	8/6/2008	79.7	
Swift Run Lake	L-1	2008	August	ECBP	SWDO	Impoundment	8/12/2008	50.5	
Swift Run Lake	L-1	2008	September	ECBP	SWDO	Impoundment	9/2/2008	83.0	
Swift Run Lake	L-1	2008	September	ECBP	SWDO	Impoundment	9/4/2008	61.9	68.50
Tappan Lake	L-1	1993	June	WAP	SEDO	Impoundment	6/1/1993		
Tappan Lake	L-1	1993	August	WAP	SEDO	Impoundment	8/17/1993	17.67	
Tappan Lake	L-1	1993	September	WAP	SEDO	Impoundment	9/7/1993	24.19	
Tappan Lake	L-2	1993	June	WAP	SEDO	Impoundment	6/1/1993		
Tappan Lake	L-2	1993	August	WAP	SEDO	Impoundment	8/17/1993	34.59	
Tappan Lake	L-2	1993	September	WAP	SEDO	Impoundment	9/7/1993	32.25	28.22
Turkey Creek Lake	L-1	1992	August	WAP	SEDO	Impoundment	8/5/1992		
Turkey Creek Lake	L-1	1992	August	WAP	SEDO	Impoundment	8/27/1992	2.22	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
Turkey Creek Lake	L-1	1993	May	WAP	SEDO	Impoundment	5/25/1993		2.22
Turkeyfoot Lake	L-1	1992	August	EOLP	NEDO	Natural Lake	8/3/1992	35.34	
Turkeyfoot Lake	L-1	1992	August	EOLP	NEDO	Natural Lake	8/25/1992	23.16	
Turkeyfoot Lake	L-1	1993	June	EOLP	NEDO	Natural Lake	6/8/1993		29.25
Turkeyfoot Lake	L-2	1992	August	EOLP	NEDO	Natural Lake	8/3/1992		
Tycoon Lake	L-1	1990	April	WAP	SEDO	Impoundment	4/26/1990		
Tycoon Lake	L-1	1990	August	WAP	SEDO	Impoundment	8/24/1990	11.05	11.05
Van Buren Res	L-1	1994	May	HELP	NWDO	Impoundment	5/9/1994		
Van Buren Res	L-1	1994	July	HELP	NWDO	Impoundment	7/25/1994	65.69	
Van Buren Res	L-1	1994	August	HELP	NWDO	Impoundment	8/22/1994	65.17	65.43
VETERANS MEMORIAL RESERVOIR	L-1	2008	May	HELP	NWDO	Upground	5/15/2008	4.5	
VETERANS MEMORIAL RESERVOIR	L-1	2008	June	HELP	NWDO	Upground	6/11/2008	2.8	
VETERANS MEMORIAL RESERVOIR	L-1	2008	July	HELP	NWDO	Upground	7/16/2008	5.2	
VETERANS MEMORIAL RESERVOIR	L-1	2008	August	HELP	NWDO	Upground	8/5/2008	79.6	
VETERANS MEMORIAL RESERVOIR	L-1	2008	September	HELP	NWDO	Upground	9/9/2008	16.7	
VETERANS MEMORIAL RESERVOIR	L-1	2009	May	HELP	NWDO	Upground	5/21/2009	1.5	
VETERANS MEMORIAL RESERVOIR	L-1	2009	June	HELP	NWDO	Upground	6/10/2009	9.1	
VETERANS MEMORIAL RESERVOIR	L-1	2009	July	HELP	NWDO	Upground	7/16/2009	11.9	
VETERANS MEMORIAL RESERVOIR	L-1	2009	August	HELP	NWDO	Upground	8/17/2009	25.1	
VETERANS MEMORIAL RESERVOIR	L-1	2009	September	HELP	NWDO	Upground	9/2/2009	15.4	10.50
Veto Lake	L-1	1990	May	WAP	SEDO	Impoundment	5/15/1990		
Veto Lake	L-1	1990	September	WAP	SEDO	Impoundment	9/10/1990	51.06	51.06
Wabash Conserv. Dist Res. #1	L-1	1989	April	ECBP	SWDO	Impoundment	4/25/1989		
Wabash Conserv. Dist Res. #1	L-1	1989	August	ECBP	SWDO	Impoundment	8/29/1989		
Waseon Res #2	L-1	1992	August	HELP	NWDO	Upground	8/17/1992	15.53	
Waseon Res #2	L-1	1992	September	HELP	NWDO	Upground	9/16/1992	39.82	
Waseon Res #2	L-1	1993	May	HELP	NWDO	Upground	5/19/1993		27.68
Waynoka Upground Reservoir	L-1	1992	August	IP	SWDO	Upground	8/5/1992	20.03	
Waynoka Upground Reservoir	L-1	1992	August	IP	SWDO	Upground	8/5/1992	9.47	
Waynoka Upground Reservoir	L-1	1992	August	IP	SWDO	Upground	8/26/1992	7.30	
Waynoka Upground Reservoir	L-1	1992	August	IP	SWDO	Upground	8/26/1992	4.76	
Waynoka Upground Reservoir	L-1	1993	May	IP	SWDO	Upground	5/26/1993		
Waynoka Upground Reservoir	L-1	1993	May	IP	SWDO	Upground	5/26/1993		8.39
Wellsville Reservoir		2006	September	WAP	NEDO	Impoundment	9/25/2006	15.52	15.52
West Reservoir	L-1	1993	May	EOLP	NEDO	Natural Lake	5/19/1993		

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Month	Ecoregion	District	Lake Type	Date	Chlorophyll *a*	Median (chl)
West Reservoir	L-1	1993	August	EOLP	NEDO	Natural Lake	8/17/1993	73.17	
West Reservoir	L-1	1993	September	EOLP	NEDO	Natural Lake	9/9/1993	72.54	72.86
White Sulphur Lake	L-1	1993	June	ECBP	CDO	Dugout	6/15/1993		
White Sulphur Lake	L-1	1993	August	ECBP	CDO	Dugout	8/25/1993	11.13	
White Sulphur Lake	L-1	1993	September	ECBP	CDO	Dugout	9/21/1993	5.15	8.14
Wills Creek Lake	L-1	1992	August	WAP	SEDO	Impoundment	8/6/1992	15.16	
Wills Creek Lake	L-1	1992	August	WAP	SEDO	Impoundment	8/31/1992	9.45	
Wills Creek Lake	L-1	1993	May	WAP	SEDO	Impoundment	5/26/1993		12.31
Wills Creek Lake	L-1	1999	May	WAP	SEDO	Impoundment	5/28/1999		
Wills Creek Lake	L-1	1999	July	WAP	SEDO	Impoundment	7/27/1999		
Wills Creek Lake	L-2	1992	August	WAP	SEDO	Impoundment	8/6/1992	17.59	
Wills Creek Lake	L-2	1992	August	WAP	SEDO	Impoundment	8/31/1992	14.23	
Wills Creek Lake	L-2	1993	May	WAP	SEDO	Impoundment	5/26/1993		15.91
Wilmington Reservoir #1	L-1	1993	June	ECBP	SWDO	Upground	6/7/1993		
Wilmington Reservoir #1	L-1	1993	August	ECBP	SWDO	Upground	8/31/1993		
Wilmington Reservoir #2	L-1	1993	June	ECBP	SWDO	Upground	6/7/1993		
Wilmington Reservoir #2	L-1	1993	August	ECBP	SWDO	Upground	8/31/1993		
Wilmington Reservoir #2	L-1	1993	September	ECBP	SWDO	Upground	9/28/1993	17.48	
Woodsfield Res L-1	L-1	2009	June	WAP	SEDO	Impoundment	6/1/2009	4.9	
Woodsfield Res L-1	L-1	2009	July	WAP	SEDO	Impoundment	7/7/2009	34.1	
Woodsfield Res L-1	L-1	2009	July	WAP	SEDO	Impoundment	7/29/2009	60.7	
Woodsfield Res L-1	L-1	2009	August	WAP	SEDO	Impoundment	8/25/2009	44.6	
Woodsfield Res L-1	L-1	2009	September	WAP	SEDO	Impoundment	9/9/2009	56.0	44.60
O'Shaughnessy Reservoir	L-1	2009	June	ECBP	CDO	Impoundment	6/17/2009	41.4	
O'Shaughnessy Reservoir	L-1	2009	July	ECBP	CDO	Impoundment	7/9/2009	52.1	
O'Shaughnessy Reservoir	L-1	2009	July	ECBP	CDO	Impoundment	7/29/2009	55.1	
O'Shaughnessy Reservoir	L-1	2009	August	ECBP	CDO	Impoundment	8/12/2009	75.4	
O'Shaughnessy Reservoir	L-1	2009	September	ECBP	CDO	Impoundment	9/9/2009	62.4	55.10
Griggs Reservoir	L-1	2009	June	ECBP	CDO	Impoundment	6/18/2009	37.9	
Griggs Reservoir	L-1	2009	July	ECBP	CDO	Impoundment	7/8/2009	117	
Griggs Reservoir	L-1	2009	July	ECBP	CDO	Impoundment	7/30/2009	64	
Griggs Reservoir	L-1	2009	August	ECBP	CDO	Impoundment	8/11/2009	43.1	
Griggs Reservoir	L-1	2009	September	ECBP	CDO	Impoundment	9/8/2009	50.6	50.60

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Acton Lake	L-1	1989	9.2	1.00	10.20				0.61	
Acton Lake	L-1	1989	2.52	0.80	3.32	6.76	0.070	0.07	0.51	0.56
Acton Lake	L-1	1995	6.89	0.80	7.69		0.050		0.53	
Acton Lake	L-1	1995	2.14	1.50	3.64		0.110		0.46	
Acton Lake	L-1	1995	0.61	0.70	1.31	3.64	0.025	0.05	0.53	0.53
Acton Lake	L-1	2005	6.44	1.07	7.51		0.025		0.46	
Acton Lake	L-1	2005	0.05	0.67	0.72		0.028		0.44	
Acton Lake	L-2	2005	6.48	1.11	7.59		0.015		0.40	
Acton Lake	L-2	2005	0.05	1.01	1.06	4.29	0.064	0.03	0.32	0.42
Adams Lake	L-1	1997	0.49	0.60	1.09		0.005		0.06	
Adams Lake	L-1	1997	0.05	0.60	0.65		0.034		0.94	
Adams Lake	L-1	1997	0.05	0.50	0.55	0.65	0.025	0.03	1.12	0.94
Adams Lake	L-1	2007	0.05	0.22	0.27		0.280		1.80	
Adams Lake	L-1	2007	0.05	0.48	0.53		0.280		1.02	
Adams Lake	L-1	2007	0.05	0.77	0.82	0.53	0.058	0.28	0.54	1.02
Aldrich Pond	L-1	1994	0.05	0.60	0.65		0.260		1.10	
Aldrich Pond	L-1	1994	0.05	0.40	0.45		0.019		1.00	
Aldrich Pond	L-1	1994	0.05	0.30	0.35	0.45	0.023	0.02	0.70	1.00
Alum Creek Lake	L-1	1989	2.52	0.50	3.02		0.016		0.75	
Alum Creek Lake	L-1	1989	0.05	0.40	0.45	1.74	0.011	0.01	1.95	1.35
Alum Creek Lake	L-1	2000	2.79	0.66	3.45		0.025		1.07	
Alum Creek Lake	L-1	2000	2.88	0.52	3.40		0.110		1.70	
Alum Creek Lake	L-1	2000	2.31	0.33	2.64	3.40	0.025	0.03	2.60	1.70
Alum Creek Lake	L-1	2003	2.67	0.59	3.26		0.027		1.93	
Alum Creek Lake	L-1	2003	2.49	0.61	3.10	3.18	0.033	0.03	3.00	2.47
Alum Creek Lake	L-1	2004	1.44	0.40	1.84		0.005		1.75	
Alum Creek Lake	L-1	2005	1.19	0.45	1.64		0.005		1.86	
Alum Creek Lake	L-1	2005	0.98	0.23	1.21	1.43	0.046	0.03	2.06	1.96
Alum Creek Lake	L-1	2006	2.32	0.62	2.94		0.010		1.99	
Alum Creek Lake	L-1	2006	1.11	0.44	1.55	2.25	0.013	0.01	1.14	1.57
Alum Creek Lake	L-2	1989	2.77	0.60	3.37		0.060		0.70	
Alum Creek Lake	L-2	1989	0.75	0.40	1.15	2.26	0.009	0.03	2.02	1.36
Alum Creek Lake	L-2	2000	2.87	0.61	3.48		0.025		0.91	
Alum Creek Lake	L-2	2000	3.27	0.57	3.84		0.025		1.30	
Alum Creek Lake	L-2	2000	2.31	0.39	2.70	3.48	0.025	0.03	2.40	1.30

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Amann Reservoir	L-1	1994	0.48	0.90	1.38		0.060		0.70	
Amann Reservoir	L-1	1994	0.13	1.40	1.53		0.060		0.50	
Amann Reservoir	L-1	1994	0.05	0.80	0.85	1.38	0.090	0.06	0.40	0.50
Atwood Reservoir	L-1	1993	0.1	0.30	0.40		0.023		0.75	
Atwood Reservoir	L-1	1993	0.05	0.40	0.45		0.036		0.92	
Atwood Reservoir	L-1	1993	0.19	0.40	0.59		0.026		1.22	
Atwood Reservoir	L-2	1993	0.05	0.40	0.45		0.044		0.94	
Atwood Reservoir	L-2	1993	0.36	0.40	0.76	0.45	0.033	0.03	0.98	0.94
Barnesville Res # 1	L-1	2009	0.05	0.24	0.29		0.013		3.30	
Barnesville Res # 1	L-1	2009	0.05	0.42	0.47		0.013		2.20	
Barnesville Res # 1	L-1	2009	0.05	0.36	0.41		0.014		2.75	
Barnesville Res # 1	L-1	2009	0.05	0.67	0.72		0.020		1.42	
Barnesville Res # 1	L-1	2009	0.05	0.62	0.67	0.47	0.031	0.01	1.14	2.20
Barnesville Res #2	L-1	2009	0.71	0.27	0.98		0.011		2.30	
Barnesville Res #2	L-1	2009	0.05	0.35	0.40		0.781		1.60	
Barnesville Res #2	L-1	2009	0.05	0.36	0.41		0.015		2.10	
Barnesville Res #2	L-1	2009	0.05	0.41	0.46		0.016		0.98	
Barnesville Res #2	L-1	2009	0.05	1.56	1.61	0.46	0.297	0.02	1.10	1.60
Barnesville Res #3	L-1	2009	0.05	0.20	0.25		0.010			
Barnesville Res #3	L-1	2009	0.05	0.33	0.38		0.018		2.10	
Barnesville Res #3	L-1	2009	0.05	0.27	0.32		0.018		2.00	
Barnesville Res #3	L-1	2009	0.05	0.27	0.32		0.069		1.85	
Barnesville Res #3	L-1	2009	0.05	1.26	1.31	0.32	0.307	0.02	1.85	1.93
Barnesville Reservoir #3	L-1	1993							2.03	
Barnesville Reservoir #3	L-1	1993	0.05	0.10	0.15		0.018		2.22	
Barnesville Reservoir #3	L-1	1993	0.41	0.40	0.81	0.48	0.025	0.02	1.85	2.03
Bass Lake	L-1	2002	0.05	1.18	1.23		0.060		1.17	
Bass Lake	L-1	2002	0.05	0.96	1.01	1.12	0.106	0.08	0.49	0.83
Bass Lake	L-2	2002	0.05	1.17	1.22		0.063		1.20	
Bass Lake	L-2	2002	0.05	0.97	1.02	1.12	0.116	0.09	0.52	0.86
Beaver Creek Reservoir	L-1	1990	2.86	0.50	3.36		0.013		3.00	
Beaver Creek Reservoir	L-1	1990	1.8	0.40	2.20	2.78	0.130	0.07	2.50	2.75
Beaver Creek Reservoir	L-1	2009	2.35	0.54	2.89		0.005		1.05	
Beaver Creek Reservoir	L-1	2009	1.23	0.86	2.09		0.019		0.87	
Beaver Creek Reservoir	L-1	2009	1.16	0.99	2.15		0.028		2.26	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Beaver Creek Reservoir	L-1	2009	0.3	0.88	1.18		0.015		1.11	
Beaver Creek Reservoir	L-1	2009	0.11	0.67	0.78	2.09	0.011	0.02	1.13	1.11
Bellevue Res #5	L-1	1993	1.86	0.30	2.16		0.009		2.20	
Bellevue Res #5	L-1	1993	0.9	0.40	1.30		0.010		2.80	
Bellevue Res #5	L-1	1993	0.63	0.50	1.13	1.30	0.017	0.01	0.90	2.20
Belmont Lake	L-1	1996	0.05	0.60	0.65		0.060		1.10	
Belmont Lake	L-1	1996	0.05	0.30	0.35		0.050		1.13	
Belmont Lake	L-1	1996	0.05	0.30	0.35	0.35	0.029	0.05	1.41	1.13
Berlin Reservoir	L-1	1989	2.54	0.60	3.14		0.025		1.03	
Berlin Reservoir	L-1	1989	0.63	0.80	1.43	2.29	0.024	0.02	0.75	0.89
Berlin Reservoir	L-1	2006	0.75	1.08	1.83		0.017			
Berlin Reservoir	L-1	2006	0.05	0.41	0.46		0.010			
Berlin Reservoir	L-1	2006	0.18	0.35	0.53	0.53	0.018	0.02		
Berlin Reservoir	L-2	1989					0.090		0.83	
Berlin Reservoir	L-2	1989	0.42	0.90	1.32	1.32	0.033	0.06	0.90	0.87
Blue Limestone Park Quarry	L-1	1994	0.05	0.60	0.65		0.044		1.75	
Blue Limestone Park Quarry	L-1	1994	0.05	0.50	0.55		0.028		0.98	
Blue Limestone Park Quarry	L-1	1994	0.05	0.70	0.75	0.65	0.070	0.04	1.00	1.00
Bowling Green Reservoir	L-1	1994	4.55	0.80	5.35		0.070		1.30	
Bowling Green Reservoir	L-1	1994	3.78	1.10	4.88		0.050		0.40	
Bowling Green Reservoir	L-1	1994	2.28	0.70	2.98	4.88	0.050	0.05	0.40	0.40
Brady Lake	L-1	1993					0.080	0.1	1.07	1.1
Bresler Reservoir	L-1	1990	2.67	0.50	3.17		0.028		6.50	
Bresler Reservoir	L-1	1990	1.17	0.50	1.67	2.42	0.060	0.04	2.00	4.25
Buckeye Lake	L-1	1989	0.57	1.50	2.07		0.060		0.35	
Buckeye Lake	L-1	1989	0.05	2.50	2.55	2.31	0.140	0.10	0.30	0.33
Buckeye Lake	L-1	2008	0.24	1.3	1.54		0.016		1.20	
Buckeye Lake	L-1	2008	0.15	1.36	1.51		0.044		1.09	
Buckeye Lake	L-1	2008	0.16	1.41	1.57		0.184		0.50	
Buckeye Lake	L-1	2008	0.05	0.99	1.04		0.057		0.57	
Buckeye Lake	L-1	2008	0.35	0.74	1.08		0.080		0.56	
Buckeye Lake	L-1	2008	0.1	0.54	0.64		0.037		0.59	
Buckeye Lake	L-1	2008	0.05	0.87	0.92		0.047		0.65	
Buckeye Lake	L-1	2008	0.05	0.85	0.9		0.080		0.40	
Buckeye Lake	L-1	2008	0.05	1.52	1.57		0.097		0.56	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Buckeye Lake	L-1	2008	0.05	1.01	1.06	1.07	0.078	0.07	0.40	0.57
Bucyrus Reservoir #1	L-1	1995	3.69	0.90	4.59		0.039		0.80	
Bucyrus Reservoir #1	L-1	1995	0.05	0.80	0.85		0.060		0.40	
Bucyrus Reservoir #1	L-1	1995	0.05	0.50	0.55		0.070		0.60	
Bucyrus Reservoir #1	L-1	2002	0.94	1.08	2.02	1.44	0.082	0.07	0.60	0.60
Bucyrus Reservoir #2	L-1	1995	3.42	1.10	4.52		0.049		0.50	
Bucyrus Reservoir #2	L-1	1995	0.05	0.90	0.95		0.060		0.30	
Bucyrus Reservoir #2	L-1	1995	0.05	0.90	0.95		0.120		0.50	
Bucyrus Reservoir #2	L-1	2002	0.49	1.18	1.67	1.31	0.072	0.07	0.30	0.40
Bucyrus Reservoir #4	L-1	1995	1.36	0.30	1.66		0.070		3.00	
Bucyrus Reservoir #4	L-1	1995	1.07	0.40	1.47		0.060		4.20	
Bucyrus Reservoir #4	L-1	1995	0.86	0.30	1.16	1.47	0.060	0.06	7.00	4.20
C.J. Brown Reservoir	L-1	1994	1.54	0.40	1.94		0.025		0.91	
C.J. Brown Reservoir	L-1	1994	0.12	0.60	0.72		0.040		1.52	
C.J. Brown Reservoir	L-1	1994	0.05	0.60	0.65	0.72	0.033	0.03	1.83	1.52
C.J. Brown Reservoir	L-2	1994	1.24	0.50	1.74		0.050		0.91	
C.J. Brown Reservoir	L-2	1994	0.49	0.60	1.09		0.048		0.74	
C.J. Brown Reservoir	L-2	1994	0.69	0.40	1.09	1.09	0.044	0.05	0.91	0.91
Caesar Creek Reservoir	L-1	1998		0.60			0.062		0.61	
Caesar Creek Reservoir	L-1	1998	2.07	0.40	2.47		0.018		1.16	
Caesar Creek Reservoir	L-1	1998	1.82	1.30	3.12	2.80	0.120	0.06	1.68	1.16
Caesar Creek Reservoir	L-2	1998		0.10			0.067		0.61	
Caesar Creek Reservoir	L-2	1998	1.86	0.50	2.36		0.055		1.16	
Caesar Creek Reservoir	L-2	1998	1.59	0.90	2.49	2.43	0.090	0.07	1.23	1.16
Caesar Creek Reservoir	L-3	1998		1.60			0.168		0.23	
Caesar Creek Reservoir	L-3	1998	1.69	0.60	2.29		0.072		0.82	
Caesar Creek Reservoir	L-3	1998	1.44	1.30	2.74	2.52	0.220	0.17	0.69	0.69
Caldwell Lake	L-1	1996	0.05	0.40	0.45		0.090		0.91	
Caldwell Lake	L-1	1996	0.05	0.30	0.35		0.024		1.67	
Caldwell Lake	L-1	1996	0.05	0.40	0.45	0.45	0.025	0.03	1.52	1.52
Cambridge Reservoir	L-1	1994							1.10	
Cambridge Reservoir	L-1	1994	0.05	0.40	0.45		0.025		0.80	
Cambridge Reservoir	L-1	1994	0.05	0.40	0.45	0.45	0.044	0.03	0.78	0.80
Cedarvillle Reservoir	L-1	1993	2.53	0.20	2.73		0.013		2.10	
Cedarvillle Reservoir	L-1	1993							1.30	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Cedarvillle Reservoir	L-1	1993				2.73		0.01	0.80	1.30
Charles Mill Res	L-1	1990	6.4	0.90	7.30		0.060		0.50	
Charles Mill Res	L-1	1990	0.05	0.90	0.95	4.13	0.080	0.07	0.25	0.38
Charles Mill Res	L-1	1998	1.46	0.70	2.16		0.130		0.30	
Charles Mill Res	L-1	1998	0.05	1.10	1.15	1.66	0.380	0.26	0.30	0.30
Charles Mill Res	L-2	1990	5.11	1.00	6.11		0.060		0.25	
Charles Mill Res	L-2	1990	0.05	0.50	0.55	3.33	0.060	0.06	0.25	0.25
Charles Mill Res	L-2	1998	1.33	0.80	2.13		0.220		0.35	
Charles Mill Res	L-2	1998	0.05	1.50	1.55	1.84	0.310	0.27	0.30	0.33
Choctaw Lake	L-1	1997	4.34	0.80	5.14		0.110		0.40	
Choctaw Lake	L-1	1997	2.21	0.70	2.91				0.50	
Choctaw Lake	L-1	1997	0.77	1.20	1.97	2.91	0.083	0.10	0.20	0.40
City of Dayton Lake #1	L-1	1994	1.25	0.90	2.15		0.060		0.74	
City of Dayton Lake #1	L-1	1994	0.76	1.00	1.76		0.088		0.91	
City of Dayton Lake #1	L-1	1994	2.06	0.50	2.56	2.15	0.001	0.06	1.07	0.91
CLEAR FORK RESERVOIR	L-1	1993	0.29	0.40	0.69		0.015		2.00	
CLEAR FORK RESERVOIR	L-1	1993	0.05	0.10	0.15		0.046		0.90	
CLEAR FORK RESERVOIR	L-1	1993	0.05	0.60	0.65	0.65	0.037	0.04	0.80	0.90
CLEAR FORK RESERVOIR	L-1	1998	0.73	0.70	1.43		0.220		3.10	
CLEAR FORK RESERVOIR	L-1	1998	0.05	0.40	0.45	0.94	0.110	0.17	0.60	1.85
CLEAR FORK RESERVOIR	L-1	2008	0.35	0.49	0.84		0.017		1.45	
CLEAR FORK RESERVOIR	L-1	2008	0.17	0.1	0.27		0.011		1.2	
CLEAR FORK RESERVOIR	L-1	2008	0.17	0.44	0.61		0.017		2.95	
CLEAR FORK RESERVOIR	L-1	2008	0.05	0.46	0.51		0.011		1.2	
CLEAR FORK RESERVOIR	L-1	2008	0.05	0.60	0.65		0.018		1.5	
CLEAR FORK RESERVOIR	L-1	2008	0.05	0.49	0.54		0.024		1.35	
CLEAR FORK RESERVOIR	L-1	2008	0.05	0.34	0.39		0.029		0.97	
CLEAR FORK RESERVOIR	L-1	2008	0.05	0.66	0.71		0.031		1.15	
CLEAR FORK RESERVOIR	L-1	2008	0.05	0.64	0.69		0.058		0.7	
CLEAR FORK RESERVOIR	L-1	2008	0.05	0.33	0.38	0.57	0.017	0.02	0.72	1.20
CLEAR FORK RESERVOIR	L-2	1993	0.27	0.30	0.57		0.023		1.10	
CLEAR FORK RESERVOIR	L-2	1993	0.05	0.30	0.35		0.058		0.75	
CLEAR FORK RESERVOIR	L-2	1993	0.05	0.50	0.55	0.55	0.046	0.05	0.40	0.75
CLEAR FORK RESERVOIR	L-2	1998	0.7	0.70	1.40		0.015		2.00	
CLEAR FORK RESERVOIR	L-2	1998	0.05	0.10	0.15	0.78	0.110	0.06	0.50	1.25

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Clendening Lake	L-1	1998	0.05	0.30	0.35		0.011			
Clendening Lake	L-1	1998	0.05	0.90	0.95		0.027		0.80	
Clendening Lake	L-1	1998	0.05	0.40	0.45	0.45	0.060	0.03	1.08	0.94
Coe Lake	L-1	1992	9.95	0.80	10.75		0.080		0.22	
Coe Lake	L-1	1992	1.02	0.90	1.92		0.063		0.58	
Coe Lake	L-1	1993	0.05	0.30	0.35	1.92	0.020	0.06	0.57	0.57
Crystal Lake	L-1	1994	0.05	0.60	0.65		0.011		4.51	
Crystal Lake	L-1	1994	0.05	1.50	1.55		0.011		3.73	
Crystal Lake	L-1	1995	0.05	0.40	0.45	0.65	0.011	0.01	3.85	3.85
Cutler Lake	L-1	1999	0.05	0.33	0.38		0.025		0.85	
Cutler Lake	L-1	1999	0.05	0.35	0.40	0.39	0.025	0.03	1.26	1.06
Cutler Lake	L-1	2008	0.05	0.20	0.25		0.019		0.76	
Cutler Lake	L-1	2008	0.05	0.48	0.53		0.028		0.98	
Cutler Lake	L-1	2008	0.05	0.52	0.57		0.017		1.12	
Cutler Lake	L-1	2008	0.05	0.54	0.59		0.021		0.72	
Cutler Lake	L-1	2009	0.10	0.36	0.46		0.011		1.00	
Cutler Lake	L-1	2009	0.05	0.86	0.91		1.470		1.09	
Cutler Lake	L-1	2009	0.05	0.44	0.49		0.058			
Cutler Lake	L-1	2009	0.05	0.68	0.73	0.55	0.120	0.02	0.72	0.98
Dale Walborn Reservoir	L-1	1989	0.87	0.70	1.57		0.050		0.74	
Dale Walborn Reservoir	L-1	2008	0.10	0.39	0.49		0.023		0.78	
Dale Walborn Reservoir	L-1	2009	0.11	1.47	1.58		0.034		0.51	
Dale Walborn Reservoir	L-1	2009	0.12	0.73	0.85		0.037		0.73	
Dale Walborn Reservoir	L-1	2009	0.12	0.68	0.80		0.034		0.71	
Dale Walborn Reservoir	L-1	2009	0.05	0.93	0.98	0.85	0.041	0.03	0.59	0.71
Deer Creek Lake	L-1	1990	4	0.30	4.30		0.022		1.00	
Deer Creek Lake	L-1	1990	3.17	0.60	3.77	4.04	0.050	0.04	1.20	1.10
Deer Creek Lake	L-1	1997	8.1	0.50	8.60		0.095		1.30	
Deer Creek Lake	L-1	1997	4.99	0.70	5.69				1.10	
Deer Creek Lake	L-1	1997	2.69	0.70	3.39	5.69	0.050	0.07	0.75	1.10
Deer Creek Lake	L-2	1990	3.96	0.60	4.56		0.058		1.05	
Deer Creek Lake	L-2	1990	2.91	0.50	3.41	3.99	0.029	0.04	0.85	0.95
Deer Creek Reservoir	L-1	1994	0.42	0.70	1.12		0.031		0.64	
Deer Creek Reservoir	L-1	1994	0.05	0.50	0.55		0.025		0.61	
Deer Creek Reservoir	L-1	1994	0.05	0.80	0.85	0.85	0.042	0.03	0.57	0.61

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Deer Creek Reservoir	L-1	2006	0.12	1.53	1.65		0.048		0.73	
Deer Creek Reservoir	L-1	2006	0.10	1.07	1.17		0.024		0.66	
Deer Creek Reservoir	L-1	2006	0.10	1.42	1.52	1.52	0.066	0.05	0.62	0.66
Deer Creek Reservoir	L-1	2007	0.05	0.73	0.78		0.024		0.52	
Deer Creek Reservoir	L-1	2008	0.19	0.39	0.58		0.010		0.82	
Deer Creek Reservoir	L-1	2008	0.11	0.16	0.27		0.023		0.58	
Deer Creek Reservoir	L-1	2008	0.11	1.19	1.30		0.029		0.62	
Deer Creek Reservoir	L-1	2008	0.10	0.46	0.56		0.019		0.76	
Deer Creek Reservoir	L-1	2009	0.05	0.72	0.77		0.053		0.69	
Deer Creek Reservoir	L-1	2009	0.11	0.29	0.40		0.034		0.68	
Deer Creek Reservoir	L-1	2009	0.05	0.67	0.72		0.042		0.59	
Deer Creek Reservoir	L-1	2009	0.05	0.69	0.74		0.025		0.63	
Deer Creek Reservoir	L-1	2009	0.22	1.01	1.23		0.037		0.60	
Deer Creek Reservoir	L-1	2009				0.73		0.03	0.72	0.63
Delaware Lake	L-1	1990	6.28	0.60	6.88		0.080		0.35	
Delaware Lake	L-1	1990	2.51	0.60	3.11	5.00	0.040	0.06	0.90	0.63
Delco Water Company Lake	L-1	1994	0.76	0.60	1.36		0.060		1.70	
Delco Water Company Lake	L-1	1994	1.31	0.80	2.11		0.029		0.70	
Delco Water Company Lake	L-1	1994	0.75	0.60	1.35	1.36	0.060	0.06	1.10	1.10
Delta Res #2	L-1	1992		0.60			0.003		6.70	
Delta Res #2	L-1	1992	3.35	0.40	3.75				3.10	
Delta Res #2	L-1	1993	2.87	0.40	3.27	3.51	0.006	0.00	3.90	3.90
Dillon Lake	L-1	1990	3.48	0.70	4.18		0.080		0.50	
Dillon Lake	L-1	1990	0.6	0.30	0.90		0.060		0.70	
Dillon Lake	L-1	1900				2.54		0.07		0.60
Dillon Lake	L-2	1990	3.89	0.80	4.69		0.140		0.20	
Dillon Lake	L-2	1990	0.24	0.40	0.64	2.67	0.025	0.08	0.50	0.35
Dow Lake	L-1	1990	0.05	0.10	0.15		0.010		2.25	
Dow Lake	L-1	1990	0.05	0.10	0.15	0.15	0.007	0.01	2.50	2.38
East Branch Reservoir	L-1	2009	0.86	0.41	1.27		0.019		1.19	
East Branch Reservoir	L-1	2009	0.16	0.58	0.73		0.027		1.52	
East Branch Reservoir	L-1	2009	0.19	0.62	0.81		0.034		1.46	
East Branch Reservoir	L-1	2009	0.18	0.69	0.87		0.045		0.75	
East Branch Reservoir	L-1	2009	0.35	0.75	1.09	0.87	0.031	0.03	0.73	1.19
East Fork Lake (Harsha Lake)	L-1	1993	0.16	0.80	0.96		0.045		0.91	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
East Fork Lake (Harsha Lake)	L-1	1993	0.05	0.50	0.55		0.018		1.50	
East Fork Lake (Harsha Lake)	L-1	1993	0.05	0.50	0.55	0.55	0.025	0.03	1.75	1.50
East Fork Lake (Harsha Lake)	L-1	1998	0.66	0.60	1.26		0.125		0.76	
East Fork Lake (Harsha Lake)	L-1	1998	0.05	0.30	0.35		0.130		1.63	
East Fork Lake (Harsha Lake)	L-1	1998	0.2	0.70	0.90	0.90	0.140	0.13	1.37	1.37
East Fork Lake (Harsha Lake)	L-2	1993	0.05	0.80	0.85		0.043		1.00	
East Fork Lake (Harsha Lake)	L-2	1993	0.05	0.70	0.75		0.060		1.65	
East Fork Lake (Harsha Lake)	L-2	1993	0.05	0.80	0.85	0.85	0.025	0.04	1.14	1.14
East Fork Lake (Harsha Lake)	L-2	1998	0.26	1.80	2.06		0.278		0.61	
East Fork Lake (Harsha Lake)	L-2	1998	0.05	0.50	0.55		0.180		1.45	
East Fork Lake (Harsha Lake)	L-2	1998	0.05	0.60	0.65	0.65	0.100	0.18	1.37	1.37
East Reservoir	L-1	1993	0.05	0.50	0.55		0.020		1.42	
East Reservoir	L-1	1993	0.05	0.50	0.55		0.190		0.84	
East Reservoir	L-1	1993	0.05	0.80	0.85	0.55	0.110	0.11	7.90	1.42
Eastwood Lake	L-1	1989	0.11	0.60	0.71		0.032			
Eastwood Lake	L-1	1989		0.60		0.71	0.035	0.03	0.46	0.46
Echo Lake	L-1	1994	0.79	0.70	1.49		0.045		0.46	
Echo Lake	L-1	1994	0.05	0.80	0.85		0.140			
Echo Lake	L-1	1994	0.05	0.70	0.75	0.85	0.011	0.05	0.46	0.46
Evans Lake	L-1	1994	0.05	0.40	0.45		0.010		2.52	
Evans Lake	L-1	1994	0.05	0.60	0.65		0.016		2.17	
Evans Lake	L-1	1994	0.05	0.60	0.65	0.65	0.021	0.02	0.93	2.17
Evergreen Lake	L-1	1994	0.86	0.60	1.46		0.018		1.60	
Evergreen Lake	L-1	1994	0.05	1.00	1.05		0.060		0.80	
Evergreen Lake	L-1	1994	0.05	0.80	0.85	1.05	0.060	0.06	0.90	0.90
Ferguson Res	L-1	1990	6.08	0.60	6.68		0.024		6.50	
Ferguson Res	L-1	1990	2.444	0.30	2.74	4.71	0.200	0.11	2.50	4.50
Findlay Res #2	L-1	1996	2.43	0.50	2.93		0.390		0.80	
Findlay Res #2	L-1	1996	0.82	0.50	1.32		0.015		1.80	
Findlay Res #2	L-1	2005	1.53	0.70	2.23		0.041		1.85	
Findlay Res #2	L-1	2005	0.18	0.58	0.76		0.005		2.60	
Findlay Res #2	L-1	2005	0.05	0.50	0.55	1.32	0.035	0.04	0.75	1.80
Findley Lake	L-1	1989	0.87	0.50	1.37		0.016		2.82	
Findley Lake	L-1	1989		1.60		1.37	0.067	0.04	0.46	1.64
Findley Lake	L-1	1997	0.29	0.30	0.59		0.022		1.87	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Findley Lake	L-1	1997	1.24	0.80	2.04		0.037		0.91	
Findley Lake	L-1	1997	0.38	0.80	1.18		0.037		0.96	
Findley Lake	L-1	1997	0.05	0.94	0.99				0.79	
Findley Lake	L-1	1997	0.05	1.00	1.05		0.089		0.87	
Findley Lake	L-1	1997	0.05	1.10	1.15	1.15	0.142	0.04	0.62	0.89
Findley Lake	L-1	2001	0.84	0.93	1.77		0.130		2.52	
Findley Lake	L-1	2001	0.05	0.73	0.78	1.28	0.043	0.09	1.41	1.97
Findley Lake	L-2	1997	0.22	0.40	0.62		0.095		1.13	
Findley Lake	L-2	1997	1.13	0.90	2.03		0.066		0.78	
Findley Lake	L-2	1997	0.34	1.20	1.54		0.075		0.69	
Findley Lake	L-2	1997	0.05	1.60	1.65				0.45	
Findley Lake	L-2	1997	0.05	1.60	1.65		0.213		0.63	
Findley Lake	L-2	1997	0.05	1.10	1.15	1.60	0.144	0.10	0.48	0.66
Findley Lake	L-2	2001	0.73	0.82	1.55		0.048		0.95	
Findley Lake	L-2	2001	0.05	0.73	0.78		0.127		0.77	
Findley Lake	L-3	2001	0.66	0.82	1.48		0.130		1.41	
Findley Lake	L-3	2001	0.05	0.78	0.83	1.16	0.071	0.10	0.90	0.93
Forked Run Lake	L-1	1993		0.10			0.012		1.90	
Forked Run Lake	L-1	1993	0.05	0.10	0.15		0.011		2.54	
Forked Run Lake	L-1	1993	0.38	0.40	0.78	0.47	0.017	0.01	3.13	2.54
Frazier Quarry	L-1	2008	0.05	0.25	0.30		0.010		1.35	
Frazier Quarry	L-1	2008	0.05	0.44	0.49		0.024		5.60	
Frazier Quarry	L-1	2008	0.05	2.74	2.79		0.126		9.50	
Frazier Quarry	L-1	2009	0.05	0.23	0.28		0.010		6.43	
Frazier Quarry	L-1	2009	0.05	0.98	1.03		0.023		5.20	
Frazier Quarry	L-1	2009	0.05	0.25	0.30		0.061			
Frazier Quarry	L-1	2009	0.05	0.49	0.54	0.49	0.010	0.02	5.00	5.40
Friendship Park Lake	L-1	1990	0.05	0.10	0.15		0.005		2.25	
Friendship Park Lake	L-1	1990	0.05	0.10	0.15	0.15	0.025	0.02	6.00	4.13
Grafton Upground Reservoir	L-1	1992	0.05	0.80	0.85		0.037		0.90	
Grafton Upground Reservoir	L-1	1992	0.05	0.70	0.75		0.070		0.88	
Grafton Upground Reservoir	L-1	1993							0.85	
Grafton Upground Reservoir	L-1	1993	1.42	1.10	2.52	0.85	0.050	0.05	0.85	0.87
Grand Lake St. Marys	L-1	1992		1.40			0.120		0.25	
Grand Lake St. Marys	L-1	1992	0.05	1.60	1.65		0.110		0.30	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Grand Lake St. Marys	L-1	1993	0.05	0.40	0.45	1.05	0.037	0.11	0.40	0.30
Grand Lake St. Marys	L-1	1999	0.05	2.19	2.24		0.160		0.20	
Grand Lake St. Marys	L-1	1999	0.05	4.10	4.15		0.250		0.20	
Grand Lake St. Marys	L-1	1999	0.05	2.57	2.62	2.62	0.200	0.20	0.15	0.20
Grand Lake St. Marys	L-2	1992	0.16	1.70	1.86		0.200		0.25	
Grand Lake St. Marys	L-2	1992	0.05	1.00	1.05		0.060		0.30	
Grand Lake St. Marys	L-2	1993	0.05	0.50	0.55	1.05	0.030	0.06	0.35	0.30
Grand Lake St. Marys	L-2	1999	0.05	1.62	1.67		0.130		0.20	
Grand Lake St. Marys	L-2	1999	0.05	2.40	2.45		0.190		0.20	
Grand Lake St. Marys	L-2	1999	0.05	2.55	2.60	2.45	0.190	0.19	0.15	0.20
Grand Lake St. Marys	L-3	1992		1.70			0.120		0.03	
Grand Lake St. Marys	L-3	1992	0.05	1.60	1.65		0.150		0.30	
Grand Lake St. Marys	L-3	1993	0.05	0.40	0.45	1.05	0.066	0.12	0.03	0.03
Grand Lake St. Marys	L-3	1999	0.05	1.57	1.62		0.110		0.20	
Grand Lake St. Marys	L-3	1999	0.05	2.91	2.96		0.190		0.20	
Grand Lake St. Marys	L-3	1999	0.05	2.39	2.44	2.44	0.220	0.19	0.15	0.20
Grand River Wildlife Lake	L-1	1995							1.50	
Grand River Wildlife Lake	L-1	1995	0.05	1.00	1.05		0.060		0.65	
Grand River Wildlife Lake	L-1	1995	0.05	0.80	0.85	0.95	0.080	0.07	0.59	0.65
Grant Lake	L-1	1997	0.05	1.80	1.85				0.38	
Grant Lake	L-1	1997	0.05	1.60	1.65				0.38	
Grant Lake	L-1	1997	0.05	1.40	1.45		0.230		0.30	
Grant Lake	L-1	1997	0.05	1.20	1.25	1.55		0.23	0.30	0.34
Grant Lake	L-1	2006	0.05	1.00	1.05	1.05	0.171	0.17	0.41	0.41
Grant Lake	L-2	1997	0.05	1.40	1.45	1.45		0.00	0.38	0.38
Grant Lake	L-2	2006	0.05	1.01	1.06	1.06	0.354	0.35	0.26	0.26
Greenfield Lake	L-1	1992	0.05	0.70	0.75		0.090		0.33	
Greenfield Lake	L-1	1992	0.05	0.50	0.55		0.057		0.80	
Greenfield Lake	L-1	1993	0.28	0.30	0.58	0.58	0.023	0.06	0.85	0.80
Griggs Reservoir	L-1	1990	6.86	0.60	7.46		0.100		0.40	
Griggs Reservoir	L-1	1990	2.75	0.60	3.35	5.41	0.090	0.10	0.55	0.48
Guilford Lake	L-1	1989	0.57	0.90	1.47		0.050		0.86	
Guilford Lake	L-1	1989	0.05	0.90	0.95	1.21	0.060	0.06	0.69	0.78
Guilford Lake	L-1	1994	0.58	1.90	2.48		0.070		0.68	
Guilford Lake	L-1	1994	0.05	0.70	0.75		0.042		0.82	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Guilford Lake	L-1	1994	0.05	0.01	0.06	0.75	0.060	0.06	0.57	0.68
Hammertown Lake	L-1	1997					0.005		2.91	
Hammertown Lake	L-1	1997	0.05	0.10	0.15		0.005		4.90	
Hammertown Lake	L-1	1997	0.05	0.10	0.15	0.15	0.025	0.01	4.58	4.58
Hargus Lake	L-1	1990	0.83	0.30	1.13		0.018		1.75	
Hargus Lake	L-1	1990	0.05	3.10	3.15	2.14	0.110	0.06	1.20	1.48
Hargus Lake	L-1	1997	1.38	0.30	1.68		0.016		2.00	
Hargus Lake	L-1	1997	1	0.40	1.40				3.80	
Hargus Lake	L-1	1997	0.18	1.40	1.58	1.58	0.090	0.05	0.50	2.00
Harrison Lake	L-1	1990	4.78	0.80	5.58		0.060		0.50	
Harrison Lake	L-1	1990	2.83	1.20	4.03	4.81	0.060	0.06	0.50	0.50
Harrison Lake	L-1	1997	6.86	1.60	8.46		0.140		0.20	
Harrison Lake	L-1	1997	1.51	1.00	2.51	5.49	0.095	0.12	0.50	0.35
Highlandtown Lake	L-1	2005	0.05	0.57	0.62		0.005		1.92	
Highlandtown Lake	L-1	2005	0.19	0.38	0.57		0.005		1.41	
Highlandtown Lake	L-1	2005	0.05	0.42	0.47		0.021		1.42	
Highlandtown Lake	L-1	2006	0.05	0.10	0.15	0.52	0.018	0.01	1.45	1.44
Hillsboro Reservoir	L-1	1989	0.56	0.30	0.86		0.010		0.91	
Hillsboro Reservoir	L-1	1989	0.05	0.50	0.55	0.71	0.017	0.01	0.81	0.86
Hinckley Lake	L-1	1989	0.39	0.40	0.79		0.018		0.51	
Hinckley Lake	L-1	1989	0.29	0.50	0.79	0.79	0.050	0.03	0.72	0.62
Hoover Reservoir	L-1	1989	2.43	0.50	2.93		0.024		0.50	
Hoover Reservoir	L-1	1989	1.06	0.60	1.66	2.30	0.017	0.02	1.30	0.90
Hoover Reservoir	L-1	2000	2.52	0.56	3.08		0.025		0.05	
Hoover Reservoir	L-1	2000	2.14	0.83	2.97		0.025		1.05	
Hoover Reservoir	L-1	2000	0.908	0.62	1.53	2.97	0.025	0.03	0.80	0.80
Hoover Reservoir	L-2	1989	2.16	0.60	2.76		0.047		0.30	
Hoover Reservoir	L-2	1989	0.74	0.60	1.34	2.05	0.056	0.05	0.65	0.48
Hoover Reservoir	L-2	2000	2.36	0.68	3.04		0.025		0.05	
Hoover Reservoir	L-2	2000	2.16	0.79	2.95		0.025		1.00	
Hoover Reservoir	L-2	2000	0.963	0.71	1.67	2.95	0.050	0.03	0.80	0.80
Huffman Pond	L-1	1994	2.18	1.20	3.38		0.150		0.30	
Huffman Pond	L-1	1994	1.55	0.80	2.35		0.080		0.23	
Huffman Pond	L-1	1994	1.39	0.30	1.69	2.35	0.008	0.08	0.46	0.30
Indian Lake	L-1	1992	0.37	0.80	1.17		0.080		0.23	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Indian Lake	L-1	1992	0.05	1.50	1.55		0.110		0.25	
Indian Lake	L-1	1993	0.12	1.50	1.62	1.55	0.050	0.08	0.66	0.25
Indian Lake	L-1	1999	0.05	0.59	0.64	0.64	0.160	0.16	0.25	0.25
Indian Lake	L-1	1900								
Indian Lake	L-3	1992	0.05	0.90	0.95		0.070		0.23	
Indian Lake	L-3	1992	0.05	1.70	1.75	1.35	0.080	0.08	0.25	0.24
Indian Lake	L-3	1993	0.13	1.60	1.73		0.060		1.50	
Indian Lake	L-3	1999	0.05	1.33	1.38		0.110		0.67	
Jefferson Lake	L-1	1990	0.24	0.10	0.34		0.010			
Jefferson Lake	L-1	1990	1.12	0.30	1.42	0.88	0.036	0.02	1.50	1.50
Jefferson Lake	L-1	2005	0.05	0.48	0.53		0.015		0.90	
Jefferson Lake	L-1	2006	0.05	0.10	0.15	0.34	0.024	0.02	1.80	1.35
Jisco Lake	L-1	1990	0.26	0.20	0.46		0.006		3.25	
Jisco Lake	L-1	1990	0.05	0.20	0.25	0.36	0.006	0.01	3.25	3.25
Killdeer Res	L-1	1990	0.36	0.20	0.56		0.008		1.50	
Killdeer Res	L-1	1990	0.05	0.20	0.25	0.41	0.005	0.01	3.00	2.25
Kiser Lake	L-1	1989	1.38	0.80	2.18		0.036		0.31	
Kiser Lake	L-1	1989		1.20		2.18	0.060	0.05	0.33	0.32
Knox Lake	L-1	1989	1.49	0.10	1.59		0.029		0.62	
Knox Lake	L-1	1989	0.05	0.30	0.35	0.97	0.090	0.06	0.60	0.61
Knox Lake	L-2	1989	0.88	0.50	1.38		0.047			
Knox Lake	L-2	1989	0.05	0.90	0.95	1.17	0.120	0.08	0.37	0.37
LaDue Reservoir	L-1	2009	0.10	0.55	0.65		0.010		5.38	
LaDue Reservoir	L-1	2009	0.26	0.56	0.82		0.016		2.42	
LaDue Reservoir	L-1	2009	0.10	0.63	0.73		0.015		3.38	
LaDue Reservoir	L-1	2009	0.18	0.40	0.58		0.016		1.24	
LaDue Reservoir	L-1	2009	0.16	0.85	1.01	0.73	0.030	0.02	0.85	2.42
LaDue Reservoir	L-2	2009	0.23	0.52	0.75		0.018		3.36	
LaDue Reservoir	L-2	2009	0.23	0.57	0.80		0.021		2.04	
LaDue Reservoir	L-2	2009	0.18	0.60	0.78		0.018		1.05	
LaDue Reservoir	L-2	2009	0.1	0.8	1.0	0.79	0.050	0.02	0.76	1.55
Lake Aquilla	L-1	1989	0.05	0.30	0.35		0.016		2.81	
Lake Aquilla	L-1	1989	0.05	0.80	0.85	0.60	0.025	0.02	2.08	2.45
Lake Hope	L-1	1990	0.17	0.10	0.27		0.009		1.80	
Lake Hope	L-1	1990	0.05	0.10	0.15	0.21	0.012	0.01	2.60	2.20

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Lake Isabella	L-1	1996	0.05	0.50	0.55		0.110		1.20	
Lake Isabella	L-1	1996	0.05	0.40	0.45		0.050		0.60	
Lake Isabella	L-1	1996	0.05	0.05	0.10	0.45	0.025	0.05	0.58	0.60
Lake LaSuan	L-1	1990	0.05	0.60	0.65		0.022		1.00	
Lake LaSuan	L-1	1990	0.05	0.90	0.95	0.80	0.070	0.05	1.00	1.00
Lake Lavere	L-1	1997	0.05	0.40	0.45		0.013		4.40	
Lake Lavere	L-1	1997	0.05	1.00	1.05	0.75	0.037	0.03	1.00	2.70
Lake LeComte	L-1	1990	4.74	0.60	5.34		0.018		1.50	
Lake LeComte	L-1	1990	3.17	0.40	3.57	4.46	0.013	0.02	0.75	1.13
Lake Logan	L-1	1990	0.16	0.30	0.46		0.029		0.75	
Lake Logan	L-1	1990	0.05	0.60	0.65	0.56	0.060	0.04	0.70	0.73
Lake Logan	L-2	1990	0.12	0.20	0.32		0.019		0.70	
Lake Logan	L-2	1990	0.05	0.60	0.65	0.49	0.034	0.03	0.55	0.63
Lake Loramie	L-1	1989	5.86	1.10	6.96		0.044		0.38	
Lake Loramie	L-1	1989		1.40		6.96	0.140	0.09	0.28	0.33
Lake Loramie	L-1	1999							0.15	
Lake Loramie	L-2	1999	0.936	1.48	2.42	2.42	0.150	0.15	0.15	0.15
Lake Loramie	L-1	2008	3.67	0.83	4.50		0.108		0.28	
Lake Loramie	L-1	2008	0.05	0.59	0.64		0.553		0.18	
Lake Loramie	L-1	2009	2.37	2.09	4.46		0.010		0.20	
Lake Loramie	L-1	2009	0.05	2.09	2.14		0.507		0.13	
Lake Loramie	L-1	2009							0.14	
Lake Loramie	L-1	2009	0.05	1.90	1.95		0.347		0.15	
Lake Loramie	L-1	2009	0.05	0.91	0.96		0.820		0.14	
Lake Loramie	L-1	2009	0.05	1.12	1.17	1.95	0.586	0.51	0.15	0.15
Lake Loretta	L-1	1995	0.05	0.20	0.25		0.005		1.00	
Lake Loretta	L-1	1995	0.05	0.20	0.25		0.005		1.00	
Lake Loretta	L-1	1995							1.00	
Lake Loretta	L-1	1995								
Lake Loretta	L-1	1995	0.05	0.50	0.55		0.060		1.25	
Lake Loretta	L-1	1995	0.05	0.50	0.55	0.40	0.060	0.03	1.24	1.00
Lake Milton	L-1	1989	2.27	0.60	2.87		0.027		1.27	
Lake Milton	L-1	1989	0.35	0.80	1.15		0.035		1.00	
Lake Milton	L-2	1989	1.72	0.70	2.42		0.028		1.13	
Lake Milton	L-2	1989	0.3	0.80	1.10	1.79	0.060	0.03	0.98	1.07

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Lake Nesmith	L-1	1996	0.05	1.40	1.45		0.048		0.53	
Lake Nesmith	L-1	1996	0.05	1.30	1.35	1.40	0.080	0.06	0.61	0.57
Lake Pippen	L-1	1989	0.05	0.40	0.45		0.014		3.71	
Lake Pippen	L-1	1989	0.05	0.50	0.55	0.50	0.013	0.01	3.54	3.63
Lake Rockwell L-1	L-1	2009	0.48	0.64	1.12		0.024		2.29	
Lake Rockwell L-1	L-1	2009	0.24	1.01	1.25		0.047		1.70	
Lake Rockwell L-1	L-1	2009	0.15	0.61	0.76		0.015		1.56	
Lake Rockwell L-1	L-1	2009	0.18	0.57	0.75		0.027		1.10	
Lake Rockwell L-1	L-1	2009	0.41	0.98	1.39	1.12	0.073	0.03	0.90	1.56
Lake Rockwell L-2	L-2	2009							2.45	
Lake Rockwell L-2	L-2	2009							1.68	
Lake Rockwell L-2	L-2	2009							1.39	
Lake Rockwell L-2	L-2	2009							0.76	
Lake Rockwell L-2	L-2	2009							0.87	
Lake Romona	L-1	1995	0.05	0.20	0.25		0.018		0.70	
Lake Romona	L-1	1995	0.05	0.20	0.25		0.018		0.70	
Lake Romona	L-1	1995	0.05	0.20	0.25		0.025		1.00	
Lake Romona	L-1	1995	0.05	0.20	0.25		0.025		1.00	
Lake Romona	L-1	1995	0.05	0.10	0.15		0.080		1.50	
Lake Romona	L-1	1995	0.05	0.10	0.15	0.25	0.080	0.03	1.50	1.00
Lake Rupert	L-1	1992	0.23	0.10	0.33		0.480		1.09	
Lake Rupert	L-1	1992	0.05	0.50	0.55		0.060		1.73	
Lake Rupert	L-1	1993	0.05	0.10	0.15	0.35	0.008	0.03	1.15	1.44
Lake Rupert	L-1	1995	0.05	0.20	0.25		0.016		1.34	
Lake Rupert	L-1	1995	0.05	0.40	0.45		0.060		0.83	
Lake Rupert	L-1	1995	0.05	0.50	0.55	0.45	0.090	0.06		1.09
Lake Snowden	L-1	1995	0.05	0.40	0.45		0.021		1.65	
Lake Snowden	L-1	1995	0.05	0.40	0.45		0.050		1.94	
Lake Snowden	L-1	1995	0.05	0.30	0.35		0.070		1.50	
Lake Snowden	L-1	1995	0.05	0.30	0.35	0.40	0.070	0.06	1.50	1.58
Lake Sue	L-1	1997	0.13	0.80	0.93		0.018		2.20	
Lake Sue	L-1	1997	0.05	1.40	1.45	1.19	0.041	0.03	0.60	1.40
Lake White	L-1	1992	0.05	0.20	0.25		0.070		0.34	
Lake White	L-1	1992	0.19	0.30	0.49		0.019		0.77	
Lake White	L-1	1993	0.42	0.20	0.62	0.49	0.008	0.02	1.10	0.77

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Lake White	L-1	1997	0.41	0.10	0.51		0.005		1.08	
Lake White	L-1	1997	0.05	0.80	0.85		0.021		1.60	
Lake White	L-1	1997				0.68		0.01	1.13	1.13
Lampson (Jefferson) Reservoir	L-1	1995	0.25	0.50	0.75		0.180		0.99	
Lampson (Jefferson) Reservoir	L-1	1995							0.64	
Lampson (Jefferson) Reservoir	L-1	1995	0.05	1.20	1.25	1.00	0.050	0.12	0.41	0.64
Long Lake	L-1	1993	0.18	0.70	0.88		0.042		0.87	
Long Lake	L-1	1993	0.05	0.60	0.65		0.060		0.85	
Long Lake	L-1	1993	0.05	0.10	0.15	0.65	0.060	0.06	0.79	0.85
Long Lake	L-1	1998	0.11	0.60	0.71		0.047		0.82	
Long Lake	L-1	1998	0.05	1.00	1.05		0.190		0.65	
Long Lake	L-1	1998					0.100		0.64	
Long Lake	L-1	1998	0.05	0.80	0.85	0.85	1.170	0.15	0.69	0.67
Long Lake	L-2	1993	0.15	0.70	0.85		0.046		0.92	
Long Lake	L-2	1993	0.05	0.70	0.75		0.060		0.77	
Long Lake	L-2	1993	0.05	0.80	0.85	0.85	0.080	0.06	0.69	0.77
Long Lake	L-2	1998	0.24	1.70	1.94		0.210		0.79	
Long Lake	L-2	1998	0.05	1.00	1.05		0.120		0.75	
Long Lake	L-2	1998					0.100		0.65	
Long Lake	L-2	1998	0.05	0.80	0.85		0.870		0.77	
Long Lake	L-2	1998	0.05	0.70	0.75	0.95	0.340	0.21	0.68	0.75
Lost Ck Res	L-1	1996	0.33	0.50	0.83		0.160		1.00	
Lost Ck Res	L-1	1996	0.05	0.20	0.25	0.54	0.010	0.09	2.00	1.50
Madison Lake	L-1	1992	0.74	0.90	1.64		0.069		0.35	
Madison Lake	L-1	1992	0.05	1.00	1.05		0.080		0.20	
Madison Lake	L-1	1993	0.05	0.30	0.35	1.05	0.059	0.07	0.50	0.35
Madison Lake	L-1	1997	4.58	0.90	5.48		0.220		0.25	
Madison Lake	L-1	1997	0.27	1.20	1.47				0.30	
Madison Lake	L-1	1997	0.15	1.30	1.45	1.47	0.082	0.15	0.20	0.25
Maple Grove Lake	L-1	1994	0.51	0.60	1.11		0.210		0.45	
Maple Grove Lake	L-1	1994	0.32	0.60	0.92		0.060		0.85	
Maple Grove Lake	L-1	1994	0.05	0.40	0.45	0.92	0.060	0.06	0.75	0.75
Maysville Reservoir	L-1	1994	0.05	0.10	0.15		0.025		4.09	
Maysville Reservoir	L-1	1994	0.05	0.40	0.45		0.025		2.42	
Maysville Reservoir	L-1	1994	0.05	0.30	0.35	0.35	0.029	0.03	4.97	4.09

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
McComb Res #2	L-1	1996	2.57	1.30	3.87		0.060		1.30	
McComb Res #2	L-1	1996	2.7	0.40	3.10	3.49	0.090	0.08	5.40	3.35
Meander Creek Reservoir	L-1	1994	0.42	0.50	0.92		0.018		1.14	
Meander Creek Reservoir	L-1	1994	0.05	0.50	0.55		0.025		1.29	
Meander Creek Reservoir	L-1	1994	0.05	1.00	1.05	0.92	0.015	0.02	1.23	1.23
Meander Creek Reservoir	L-2	1994								
Metamora Res #1	L-1	1992	10.2	0.90	11.10		0.009		1.22	
Metamora Res #1	L-1	1992	9.63	0.90	10.53				1.10	
Metamora Res #1	L-1	1993	7.37	0.60	7.97	10.53	0.010	0.01	2.10	1.22
Metzger Res	L-1	1990	6.38	0.60	6.98		0.036		2.00	
Metzger Res	L-1	1990	3.42	0.50	3.92	5.45	0.080	0.06	3.50	2.75
Miami Whitewater Lake	L-1	1996	0.05	0.10	0.15		0.060		0.40	
Miami Whitewater Lake	L-1	1996	0.05	0.70	0.75		0.100		0.53	
Miami Whitewater Lake	L-1	1996	0.05	1.10	1.15	0.75	0.160	0.10	0.25	0.40
Miami Whitewater Lake	L-2	1996	0.05	0.10	0.15		0.025		0.40	
Miami Whitewater Lake	L-2	1996	0.05	0.80	0.85		0.130		0.40	
Miami Whitewater Lake	L-2	1996	0.05	0.90	0.95	0.85	0.060	0.06	0.42	0.40
Michael J. Kirwin Reservoir	L-1	1994	0.47	0.40	0.87		0.170		0.80	
Michael J. Kirwin Reservoir	L-1	1994	0.25	0.30	0.55		0.012		0.68	
Michael J. Kirwin Reservoir	L-1	1994	0.05	0.30	0.35	0.55	0.010	0.01	1.79	0.80
Miller Antrim Lake	L-1	1992	0.05	0.30	0.35		1.900		5.50	
Miller Antrim Lake	L-1	1992	0.05	0.40	0.45		0.012		3.60	
Miller Antrim Lake	L-1	1993	0.05	0.10	0.15	0.35	0.007	0.01	3.96	3.96
Mogodore Reservoir	L-1	1996	0.05	0.70	0.75		0.034		1.07	
Mogodore Reservoir	L-1	1996	0.15	0.80	0.95	0.85	0.070	0.05	0.71	0.89
Mogodore Reservoir	L-2	1996	0.05	0.70	0.75		0.061		0.78	
Mogodore Reservoir	L-2	1996	0.15	0.80	0.95	0.85	0.100	0.08	0.48	0.63
Mosquito Creek Reservoir	L-1	1989	0.26	0.50	0.76		0.018		0.71	
Mosquito Creek Reservoir	L-1	1989	0.18	0.90	1.08		0.032		0.65	
Mosquito Creek Reservoir	L-1	1989				0.92	0.037	0.03	0.67	0.67
Mosquito Creek Reservoir	L-2	1989	0.29	0.60	0.89		0.019			
Mount Orab Reservoir #1	L-1	1997	0.05	0.40	0.45				0.69	
Mount Orab Reservoir #1	L-1	1997	0.05	0.60	0.65		0.090			
Mount Orab Reservoir #1	L-1	1997	0.05	0.90	0.95	0.65		0.09	0.46	0.58
Mount Orab Reservoir #2	L-1	1997	0.05	1.00	1.05				0.38	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Mount Orab Reservoir #2	L-1	1997	0.05	0.80	0.85		0.044		0.46	
Mount Orab Reservoir #2	L-1	1997	0.05	0.10	0.15	0.85		0.04	0.84	0.46
Mt. Gilead Lake	L-1	1994	0.48	0.70	1.18		0.036		0.60	
Mt. Gilead Lake	L-1	1994							0.70	
Mt. Gilead Lake	L-1	1994	0.23	0.80	1.03		0.042		0.70	
Mt. Gilead Lake	L-1	1994	0.05	0.60	0.65	1.03	0.060	0.04	0.60	0.65
Mud Lake	L-1	1992	0.05	0.50	0.55		0.042		1.07	
Mud Lake	L-1	1992	0.05	0.70	0.75		0.060		1.12	
Mud Lake	L-1	1993	0.05	0.30	0.35	0.55	0.050	0.05	1.18	1.12
Munroe Basin Lake	L-1	1990	0.78	0.30	1.08		0.035		0.62	
Munroe Basin Lake	L-1	1990	0.28	0.40	0.68	0.88	0.050	0.04	0.30	0.46
Nettle Lake	L-1	1992							0.68	
Nettle Lake	L-1	1992	0.05	0.50	0.55		0.069		0.69	
Nettle Lake	L-1	1993	0.05	0.30	0.35	0.45	0.019	0.04	0.90	0.69
Nettle Lake	L-1	1997	1.77	0.80	2.57		0.051		0.80	
Nettle Lake	L-1	1997	0.05	0.90	0.95	1.76	0.060	0.06	1.00	0.90
New Concord Reservoir	L-1	1994	0.35	0.50	0.85		0.160		3.60	
New Concord Reservoir	L-1	1994	0.05	0.50	0.55		0.025		2.48	
New Concord Reservoir	L-1	1994	0.05	0.50	0.55	0.55	0.027	0.03	1.30	2.48
New Lexington Reservoir #1	L-1	1995	0.05	0.20	0.25		0.020		1.39	
New Lexington Reservoir #1	L-1	1995	0.05	0.40	0.45		0.060		2.80	
New Lexington Reservoir #1	L-1	1995	0.05	0.20	0.25	0.25	0.090	0.06	1.59	1.59
Nimisila Reservoir	L-1	1993							0.71	
Nimisila Reservoir	L-1	1993	0.05	0.30	0.35		0.140		1.15	
Nimisila Reservoir	L-1	1993	0.05	0.60	0.65	0.50	0.031	0.09	1.06	1.06
North Baltimore Res #1	L-1	1994	2.75	1.00	3.75		0.038		1.00	
North Baltimore Res #1	L-1	1994	3.77	0.70	4.47		0.025		0.70	
North Baltimore Res #1	L-1	1994	2.38	1.00	3.38	3.75	0.028	0.03	0.80	0.80
North Branch Kokosing Lake	L-1	1990	2.16	0.60	2.76		0.080		0.50	
North Branch Kokosing Lake	L-1	1990	0.11	0.90	1.01	1.89	0.070	0.08	0.50	0.50
North Reservoir	L-1	1993	0.05	0.50	0.55		0.041		0.81	
North Reservoir	L-1	1993	0.05	0.70	0.75	0.65	0.070	0.06	0.38	0.60
Oak Thorpe Reservoir	L-1	1993	1.38	0.70	2.08		0.070		0.91	
Oak Thorpe Reservoir	L-1	1993	0.05	0.50	0.55		0.090		0.48	
Oak Thorpe Reservoir	L-1	1993	0.05	0.80	0.85	0.85	0.090	0.09	0.37	0.48

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Oberlin Reservoir	L-1	1989	0.58	0.30	0.88		0.018		2.74	
Oberlin Reservoir	L-1	1989	2.98	1.20	4.18		0.070		1.16	
Opossum Creek Pond #1	L-1	1995							0.76	
Opossum Creek Pond #1	L-1	1995							0.71	
Opossum Creek Pond #1	L-1	1995							0.91	
Opossum Creek Reserve Lake	L-1	1995							2.44	
Opossum Creek Reserve Lake	L-1	1995							2.34	
Opossum Creek Reserve Lake	L-1	1995							2.59	
O'Shaughnessy Reservoir	L-1	1995	4.26	1.00	5.26		0.100		0.25	
O'Shaughnessy Reservoir	L-1	1995	4.26	1.00	5.26		0.100		0.25	
O'Shaughnessy Reservoir	L-1	1995	0.16	0.90	1.06		0.090		0.60	
O'Shaughnessy Reservoir	L-1	1995	0.16	0.90	1.06		0.090		0.60	
O'Shaughnessy Reservoir	L-1	1995	3.45	0.90	4.35		0.200		0.40	
O'Shaughnessy Reservoir	L-1	1995	3.45	0.90	4.35	4.35	0.200	0.10	0.40	0.40
Paint Creek Lake	L-1	1992	3.53	1.30	4.83		0.110		0.61	
Paint Creek Lake	L-1	1992	2.95	0.80	3.75		0.025		0.61	
Paint Creek Lake	L-1	1993	5.57	0.80	6.37	4.83	0.051	0.05	0.61	0.61
Paint Creek Lake	L-1	2006	6.99	0.91	7.90		0.025		0.83	
Paint Creek Lake	L-1	2006	0.26	0.61	0.87	4.39	0.162	0.09	0.60	0.72
Paint Creek Lake	L-2	1992	3.77	0.80	4.57		0.070		0.61	
Paint Creek Lake	L-2	1992	2.68	0.80	3.48		0.070		0.46	
Paint Creek Lake	L-2	1993	5.57	0.60	6.17	4.57	0.082	0.07	1.50	0.61
Paint Creek Lake	L-2	2006	7.24	0.66	7.90		0.023		0.44	
Paint Creek Lake	L-2	2006	0.05	0.86	0.91	4.41	0.082	0.05	0.40	0.42
Paulding Res	L-1	1996	1.25	0.70	1.95		0.090		2.40	
Paulding Res	L-1	1996	0.79	0.50	1.29	1.62	0.015	0.05	1.20	1.80
Piedmont Lake	L-1	1998	0.05	0.50	0.55		0.005		3.30	
Piedmont Lake	L-1	1998	0.05	0.30	0.35		0.011		2.05	
Piedmont Lake	L-1	1998	0.05			0.45	0.060	0.01	1.37	2.05
Pike Lake	L-1	1997	0.65	0.10	0.75		0.005		2.55	
Pike Lake	L-1	1997	0.5	0.20	0.70		0.025		1.85	
Pike Lake	L-1	1997	0.05	0.80	0.85	0.75	0.025	0.03		2.20
Pleasant Hill Lake	L-1	1993	0.5	0.70	1.20		0.060		0.80	
Pleasant Hill Lake	L-1	1993	0.05	0.40	0.45		0.230		0.70	
Pleasant Hill Lake	L-1	1993	0.05	0.90	0.95	0.95	0.060	0.06	0.75	0.75

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Pleasant Hill Lake	L-1	1998	0.72	0.10	0.82		0.028		1.00	
Pleasant Hill Lake	L-1	1998	0.05	0.40	0.45	0.64	0.110	0.07	0.70	0.85
Pleasant Hill Lake	L-2	1993	0.57	0.50	1.07		0.044		0.80	
Pleasant Hill Lake	L-2	1993	0.05	0.40	0.45		0.070		0.55	
Pleasant Hill Lake	L-2	1993	0.05	1.00	1.05	1.05	0.100	0.07	0.60	0.60
Pleasant Hill Lake	L-2	1998	0.8	0.30	1.10		0.037		0.80	
Pleasant Hill Lake	L-2	1998	0.05	0.50	0.55	0.83	0.110	0.07	0.60	0.70
Punderson Lake	L-1	1989	0.05	0.60	0.65		0.042		2.13	
Punderson Lake	L-1	1989							2.74	
Punderson Lake	L-1	1989	0.3	0.70	1.00		0.060		1.43	
Punderson Lake	L-1	1989				0.83		0.05	1.16	1.78
Racoon Ck Res	L-1	1995	0.14	0.40	0.54		0.070		1.70	
Racoon Ck Res	L-1	1995	0.05	0.50	0.55		0.070		4.00	
Racoon Ck Res	L-1	1995	0.05	0.50	0.55	0.55	0.060	0.07	2.60	2.60
Rex Lake	L-1	1992	0.05	0.50	0.55		0.090		0.98	
Rex Lake	L-1	1992	0.05	0.30	0.35		0.070		1.03	
Rex Lake	L-1	1993	0.05	0.40	0.45	0.45	0.050	0.07	1.12	1.03
Richwood Park Lake	L-1	1995	0.05	0.60	0.65		0.036		0.60	
Richwood Park Lake	L-1	1995	0.05	0.60	0.65		0.036		0.60	
Richwood Park Lake	L-1	1995	0.05	1.00	1.05		0.060		0.35	
Richwood Park Lake	L-1	1995	0.05	1.00	1.05		0.060		0.35	
Richwood Park Lake	L-1	1995	0.23	0.90	1.13		0.080		0.50	
Richwood Park Lake	L-1	1995	0.23	0.90	1.13	1.05	0.080	0.06	0.50	0.50
Rio Grande Reservoir	L-1	1995	0.05	0.20	0.25		0.021		1.72	
Rio Grande Reservoir	L-1	1995	0.05	0.10	0.15		0.050		3.84	
Rio Grande Reservoir	L-1	1995	0.05	0.20	0.25	0.25	0.080	0.05	3.07	3.07
Roaming Rock Lake	L-1	1995	0.12	1.00	1.12		0.034		1.56	
Roaming Rock Lake	L-1	1995	0.05	0.90	0.95		0.110		1.40	
Roaming Rock Lake	L-1	1995	0.05	0.60	0.65	0.95	0.050	0.05	1.43	1.43
Rock Mill Lake	L-1	1993							1.22	
Rock Mill Lake	L-1	1993							0.96	
Rock Mill Lake	L-1	1993	0.21	0.60	0.81	0.81	0.070	0.07	1.15	1.15
Rocky Fork Lake	L-1	1989	0.96	0.50	1.46		0.025		0.41	
Rocky Fork Lake	L-1	1989	5	0.60	5.60	3.53	0.038	0.03	0.71	0.56
Rocky Fork Lake	L-1	1997	0.18	0.40	0.58				0.91	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Rocky Fork Lake	L-1	1997	0.05	0.50	0.55		0.067		0.66	
Rocky Fork Lake	L-1	1997	0.05	0.50	0.55	0.55		0.07	0.76	0.76
Rocky Fork Lake	L-1	2006	0.42	0.06	0.48		0.005		1.94	
Rocky Fork Lake	L-1	2006	0.05	0.10	0.15	0.31	0.027	0.02	0.86	1.40
Rocky Fork Lake	L-2	1989	0.98	0.50	1.48		0.060		0.10	
Rocky Fork Lake	L-2	1989	0.1	0.70	0.80	1.14	0.050	0.06	0.51	0.31
Rocky Fork Lake	L-2	1997	0.21	0.52	0.73				0.45	
Rocky Fork Lake	L-2	1997	0.05				0.102		0.50	
Rocky Fork Lake	L-2	1997	0.05	0.50	0.55	0.64		0.10	0.50	0.50
Rocky Fork Lake	L-2	2006	0.01	0.62	0.63		0.024		2.00	
Rocky Fork Lake	L-2	2006	0.05	0.10	0.15	0.39	0.059	0.04	2.75	2.38
Roosevelt Lake	L-1	1992	0.05	0.40	0.45		0.015		0.75	
Roosevelt Lake	L-1	1992	0.05	0.20	0.25	0.35	0.010	0.01	2.64	1.70
Roosevelt Lake	L-1	1993	0.11	0.10	0.21		0.008		2.60	
Rose Lake	L-1	2005	0.05	0.26	0.31		0.005		5.20	
Rose Lake	L-1	2005	0.05	0.40	0.45	0.38	0.005	0.01	6.80	6.00
Ross Lake	L-1	1997	0.3	0.20	0.50		0.014		1.50	
Ross Lake	L-1	1997	0.05	0.30	0.35		0.005		2.05	
Ross Lake	L-1	1997	0.05	0.10	0.15	0.35	0.025	0.01	1.60	1.60
Rush Creek Lake	L-1	1992	2.11	1.10	3.21		0.041		0.75	
Rush Creek Lake	L-1	1992	0.81	0.70	1.51		0.060		0.75	
Rush Creek Lake	L-1	1993	2.51	0.40	2.91	2.91	0.060	0.06	2.13	0.75
Rush Run Lake	L-1	1989	0.28	0.60	0.88		0.019		1.37	
Rush Run Lake	L-1	1989	0.05	0.60	0.65	0.77	0.050	0.03	1.02	1.20
Rush Run Lake	L-1	1996	0.05	0.30	0.35		0.340		1.17	
Rush Run Lake	L-1	1996	0.05	0.50	0.55		0.025		1.33	
Rush Run Lake	L-1	1996	0.05	0.30	0.35	0.35	0.025	0.03	1.33	1.33
Salt Fork Reservoir	L-1	1994	0.4	0.30	0.70		0.015		1.31	
Salt Fork Reservoir	L-1	1994	0.05	0.40	0.45		0.025		1.12	
Salt Fork Reservoir	L-1	1994	0.05	0.40	0.45	0.45	0.027	0.03	1.26	1.26
Salt Fork Reservoir	L-2	1994	0.05	0.40	0.45		0.050		0.80	
Salt Fork Reservoir	L-2	1994	0.05	0.60	0.65		0.025		1.34	
Salt Fork Reservoir	L-2	1994	0.05	0.40	0.45	0.45	0.036	0.04	0.57	0.80
Sardinia Reservoir	L-1	1997	0.05	0.40	0.45				0.85	
Sardinia Reservoir	L-1	1997	0.05	0.10	0.15		0.025		0.91	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Sardinia Reservoir	L-1	1997	0.05	0.60	0.65	0.45		0.03	1.20	0.91
Sebald Pond #1	L-1	1995	0.05	1.10	1.15		0.140		0.30	
Sebald Pond #1	L-1	1995	0.05	2.10	2.15		0.090		0.38	
Sebald Pond #1	L-1	1995	0.05	3.90	3.95	2.15	0.180	0.14	0.17	0.30
Sharon Woods Lake	L-1	1996	0.34	0.60	0.94		0.090		0.65	
Sharon Woods Lake	L-1	1996	0.05	0.30	0.35		0.060		1.50	
Sharon Woods Lake	L-1	1996	0.12	0.70	0.82	0.82	0.070	0.07	1.20	1.20
Shelby Res #1	L-1	1993	1.01	0.30	1.31		0.017		2.60	
Shelby Res #1	L-1	1993	0.63	0.50	1.13		0.024		1.05	
Shelby Res #1	L-1	1993	1.03	1.10	2.13	1.31	0.036	0.02	0.60	1.05
Shelby Res #2	L-1	1993	1.72	0.30	2.02		0.008		3.40	
Shelby Res #2	L-1	1993	1.15	0.30	1.45		0.010		2.80	
Shelby Res #2	L-1	1993	0.78	0.50	1.28	1.45	0.014	0.01	1.40	2.80
Shreve Lake	L-1	1989	0.05	0.40	0.45		0.028		0.84	
Shreve Lake	L-1	1989	0.05	0.90	0.95	0.70	0.048	0.04	1.08	0.96
Sippo Lake	L-1	1999	0.249	0.94	1.19		0.025		1.15	
Sippo Lake	L-1	1999	0.176	0.83	1.01		0.025		0.71	
Sippo Lake	L-1	1999	0.05	0.90	0.95		0.110		0.68	
Sippo Lake	L-1	1999	0.05	0.93	0.98		0.120		0.68	
Sippo Lake	L-1	1999	0.05	0.69	0.74	0.98	0.050	0.05	0.52	0.68
Sippo Lake	L-1	2002	0.05	1.22	1.27		0.091		1.57	
Sippo Lake	L-1	2002	0.05	1.30	1.35		0.104		0.70	
Sippo Lake	L-1	2002	0.05	0.78	0.83		0.096		0.59	
Sippo Lake	L-1	2002	0.05	1.41	1.46	1.31	0.085	0.09	0.75	0.73
Sippo Lake	L-2	1999	0.263	1.33	1.59		0.050		1.35	
Sippo Lake	L-2	1999	0.191	0.79	0.98		0.050		0.74	
Sippo Lake	L-2	1999	0.05	0.89	0.94		0.100		0.63	
Sippo Lake	L-2	1999	0.05	0.89	0.94		0.140		0.76	
Sippo Lake	L-2	1999	0.05	0.74	0.79	0.94	0.050	0.05	0.56	0.74
Sippo Lake	L-2	2002	0.05	1.24	1.29		0.076		1.37	
Sippo Lake	L-2	2002	0.05	1.32	1.37		0.101		0.70	
Sippo Lake	L-2	2002	0.05	0.76	0.81		0.094		0.59	
Sippo Lake	L-2	2002	0.05	1.25	1.30	1.30	0.306	0.10	0.62	0.66
Spring Valley Lake	L-1	1989	0.05	0.80	0.85		0.029		1.22	
Spring Valley Lake	L-1	1989	0.11	0.90	1.01	0.93	0.026	0.03	1.37	1.30

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
St. Clairsville Res.#1	L-1	1996	0.44	0.50	0.94		0.090		0.83	
St. Clairsville Res.#1	L-1	1996	0.05	4.20	4.25		0.540		0.62	
St. Clairsville Res.#1	L-1	1996	0.19	1.30	1.49	1.49	0.120	0.12	0.83	0.83
Stage's Pond	L-1	1993								
Stage's Pond	L-1	1993	0.05	1.90	1.95		0.260		0.35	
Stage's Pond	L-1	1993	0.05	1.50	1.55	1.75	0.120	0.19	0.32	0.34
Stonelick Reservoir	L-3	1989	0.22	0.60	0.82		0.130		0.15	
Stonelick Reservoir	L-3	1989	0.05	0.90	0.95	0.89	0.150	0.14	0.36	0.26
Summit Lake	L-1	1996	0.05	1.00	1.05		0.035		0.77	
Summit Lake	L-1	1996	0.05	0.80	0.85	0.95	0.038	0.04	0.81	0.79
Sunny Lake	L-1	1995	0.05	0.60	0.65		0.050		0.40	
Sunny Lake	L-1	1995	0.05	0.80	0.85		0.070		0.39	
Sunny Lake	L-1	1995	0.05	0.70	0.75	0.75	0.090	0.07	0.39	0.39
Swanton Res	L-1	2006	5.71	1.76	7.47		0.042		0.45	
Swanton Res	L-1	2006	1.98	1.18	3.16		0.010		0.95	
Swanton Res	L-1	2006	0.55	1.05	1.60	3.16	0.028	0.03	0.75	0.75
Swift Run Lake	L-1	1989	3.72	0.70	4.42		0.050		0.56	
Swift Run Lake	L-1	1989		0.80		4.42	0.070	0.06	0.41	0.49
Swift Run Lake	L-1	2008	3.31	1.00	4.31		0.158		0.33	
Swift Run Lake	L-1	2008	2.69	0.55	3.24		0.112		0.36	
Swift Run Lake	L-1	2008	1.23	0.84	2.06		0.054		0.33	
Swift Run Lake	L-1	2008	0.55	1.09	1.64		0.072		0.58	
Swift Run Lake	L-1	2008	0.05	0.83	0.88		0.087		0.37	
Swift Run Lake	L-1	2008	0.05	0.55	0.60		0.075		0.43	
Swift Run Lake	L-1	2008	0.12	0.59	0.71		0.070		0.45	
Swift Run Lake	L-1	2008	0.05	1.07	1.12		0.096		0.48	
Swift Run Lake	L-1	2008	0.05	1.13	1.18	1.18	0.127	0.09	0.58	0.43
Tappan Lake	L-1	1993	0.05	0.10	0.15		0.023		1.11	
Tappan Lake	L-1	1993	0.05	0.30	0.35		0.039		0.92	
Tappan Lake	L-1	1993	0.36	0.50	0.86		0.030		0.88	
Tappan Lake	L-2	1993	0.05	0.20	0.25		0.031		0.90	
Tappan Lake	L-2	1993	0.05	0.30	0.35		0.070		0.57	
Tappan Lake	L-2	1993	0.34	0.60	0.94	0.35	0.045	0.04	0.78	0.89
Turkey Creek Lake	L-1	1992	0.16	0.30	0.46		0.012		1.90	
Turkey Creek Lake	L-1	1992	0.05	0.20	0.25		0.008		3.44	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
Turkey Creek Lake	L-1	1993	0.1	0.20	0.30	0.30	0.008	0.01	4.11	3.44
Turkeyfoot Lake	L-1	1992	0.05	0.80	0.85		0.070		0.98	
Turkeyfoot Lake	L-1	1992	0.05	0.60	0.65		0.060		1.01	
Turkeyfoot Lake	L-1	1993	0.05	0.50	0.55	0.65	0.070	0.07	1.02	1.01
Turkeyfoot Lake	L-2	1992							0.92	
Tycoon Lake	L-1	1990	0.05	0.40	0.45		0.050		1.33	
Tycoon Lake	L-1	1990	0.05	0.40	0.45	0.45	0.023	0.04	1.70	1.52
Van Buren Res	L-1	1994	1.15	1.30	2.45		0.340		0.20	
Van Buren Res	L-1	1994	1.32	1.10	2.42		0.090		0.10	
Van Buren Res	L-1	1994	5.83	0.80	6.63	2.45	0.075	0.09	0.20	0.20
VETERANS MEMORIAL RESERVOIR	L-1	2008	1.64	0.56	2.20		0.018		0.72	
VETERANS MEMORIAL RESERVOIR	L-1	2008	1.76	0.25	2.01		0.010		3.40	
VETERANS MEMORIAL RESERVOIR	L-1	2008	1.35	0.31	1.66		0.010		2.57	
VETERANS MEMORIAL RESERVOIR	L-1	2008	0.14	0.43	0.57		0.024		0.82	
VETERANS MEMORIAL RESERVOIR	L-1	2008	0.14	0.59	0.73		0.010		1.00	
VETERANS MEMORIAL RESERVOIR	L-1	2009	2.59	0.50	3.09		0.010		2.18	
VETERANS MEMORIAL RESERVOIR	L-1	2009	2.21	0.62	2.83		0.020		2.57	
VETERANS MEMORIAL RESERVOIR	L-1	2009	1.66	0.69	2.35		0.018		2.48	
VETERANS MEMORIAL RESERVOIR	L-1	2009	0.57	0.59	1.16		0.032		2.03	
VETERANS MEMORIAL RESERVOIR	L-1	2009	0.28	0.67	0.95	1.83	0.017	0.02	0.45	2.11
Veto Lake	L-1	1990	0.46	0.40	0.86		0.027		0.70	
Veto Lake	L-1	1990	0.05	0.30	0.35	0.61	0.060	0.04	0.60	0.65
Wabash Conserv. Dist Res. #1	L-1	1989	10.5	1.50	12.00		0.150		0.15	
Wabash Conserv. Dist Res. #1	L-1	1989	1.05	1.10	2.15		0.090		0.20	
Waseon Res #2	L-1	1992	2.94	0.80	3.74		0.041		0.91	
Waseon Res #2	L-1	1992	1.88	0.20	2.08		0.230		0.91	
Waseon Res #2	L-1	1993	1.95	0.70	2.65	2.65	0.037	0.04	1.00	0.91
Waynoka Upground Reservoir	L-1	1992	0.05	1.20	1.25		0.100		1.00	
Waynoka Upground Reservoir	L-1	1992	0.05	0.70	0.75		0.050		0.76	
Waynoka Upground Reservoir	L-1	1992	0.05	0.90	0.95		0.025		1.80	
Waynoka Upground Reservoir	L-1	1992	0.05	0.40	0.45		0.025		0.91	
Waynoka Upground Reservoir	L-1	1993	0.05	1.90	1.95		0.120		0.53	
Waynoka Upground Reservoir	L-1	1993	0.05	0.50	0.55	0.85	0.012	0.04	2.50	0.96
Wellsville Reservoir		2006	0.05	1.21	1.26	1.26	0.013	0.01	1.41	1.41
West Reservoir	L-1	1993	0.05	0.40	0.45		0.037		1.01	

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters

Lake	Station	Year	Nitrate+Nitrite-N	TKN	Total N	Median (TN)	Total P	Median (TP)	Secchi Disk	Median (SD)
West Reservoir	L-1	1993	0.05	0.70	0.75		0.100		0.65	
West Reservoir	L-1	1993	0.05	1.00	1.05	0.75	0.130	0.10	0.66	0.66
White Sulphur Lake	L-1	1993							2.40	
White Sulphur Lake	L-1	1993	0.66	0.60	1.26		0.013		1.68	
White Sulphur Lake	L-1	1993	0.52	0.50	1.02	1.14	0.050	0.03	3.10	2.40
Wills Creek Lake	L-1	1992	0.23	0.30	0.53		0.043		0.35	
Wills Creek Lake	L-1	1992	0.62	0.30	0.92		0.070		0.22	
Wills Creek Lake	L-1	1993	0.31	0.40	0.71	0.71	0.060	0.06	0.48	0.35
Wills Creek Lake	L-1	1999	0.68	0.43	1.11		0.070			
Wills Creek Lake	L-1	1999	0.104	0.35	0.45		0.420	0.25		
Wills Creek Lake	L-2	1992							0.25	
Wills Creek Lake	L-2	1992							0.19	
Wills Creek Lake	L-2	1993							0.32	0.25
Wilmington Reservoir #1	L-1	1993	3.37	0.40	3.77		0.018		2.12	
Wilmington Reservoir #1	L-1	1993	2.2	0.40	2.60	3.19	0.011	0.01	2.74	2.43
Wilmington Reservoir #2	L-1	1993	2.15	0.30	2.45		0.017		1.68	
Wilmington Reservoir #2	L-1	1993	0.94	0.40	1.34		0.012		2.74	
Wilmington Reservoir #2	L-1	1993	0.47	0.50	0.97	1.34	0.025	0.02	1.52	1.68
Woodsfield Res L-1	L-1	2009	0.24	0.49	0.73		0.063		4.80	
Woodsfield Res L-1	L-1	2009	0.05	0.74	0.79		0.030		1.45	
Woodsfield Res L-1	L-1	2009	0.05	0.73	0.78		0.031		0.77	
Woodsfield Res L-1	L-1	2009	0.05	0.77	0.82		0.025		0.85	
Woodsfield Res L-1	L-1	2009	0.05	0.69	0.74	0.78	0.038	0.03	1.32	1.32
O'Shaughnessy Reservoir	L-1	2009	3.86	0.96	4.82		0.131		1.2	
O'Shaughnessy Reservoir	L-1	2009	6.6	1.49	8.09		0.045		0.84	
O'Shaughnessy Reservoir	L-1	2009	2.87	0.89	3.76		0.05		0.9	
O'Shaughnessy Reservoir	L-1	2009	1.45	1.2	2.65		0.062		0.54	
O'Shaughnessy Reservoir	L-1	2009	0.19	1	1.19	3.76	0.057	0.06		0.87
Griggs Reservoir	L-1	2009	1.45	0.9	2.35		0.04		1.2	
Griggs Reservoir	L-1	2009	4.15	2.25	6.4		0.749		0.75	
Griggs Reservoir	L-1	2009	2.46	1.19	3.65		0.085		0.95	
Griggs Reservoir	L-1	2009	1.14	1.24	2.38		0.083		0.83	
Griggs Reservoir	L-1	2009	0.1	0.52	0.62	2.38	0.005	0.08	0.82	0.83

Units: Chlorophyll a; total P and Nitrogen parameters in mg/l; Secchi disk in meters