

2010 COOPERATIVE LAKES MONITORING PROGRAM
 SPRING AND SUMMER TOTAL PHOPHORUS RESULTS

Lake	County	Site ID Number	Total Phosphorus (ug/l)				Carlson TS1TP (summer TP)				
			Spring Overturn		Late Summer						
			Vol	Rep.	DEQ	Rep.	Vol	Rep	DEQ	Rep	
Arbutus	Grand Traverse	280109	4	T							
Arnold	Clare	180107	14								
Badger	Alcona	010122	24								
Baldwin	Montcalm	590171	20								
Barlow	Barry	080176	10								
Barton	Kalamazoo	390215	14								
Bass	Kalkaska	400129	*								
Bear	Alcona	010105	11								
Bear	Kalkaska	400026	5								
Bear	Manistee	510122	9								
Beatons	Gogebic	270105	5								
Beaver	Alpena	040097	9								
Bellaire	Antrim	050052	7								
Big Pine Island	Kent	410437	19								
Bills (Waits)	Newaygo	620311	7								
Birch	Cass	140061	6								
Birch	Cass	140187	4	W,H							
Blue	Mecosta	540092	*								
Blue (Big Blue)	Kalkaska	400016	9								
Blue Heron	Wayne	821552	29								
Blue, North	Kalkaska	400131	3	W							
Bostwick	Kent	410322	*								
Brevoort	Mackinac	490036	15		14						
Brooks	Leelanau	450222	13								
Brown	Jackson	380477	10								
Buckhorn (North Buckhorn)	Oakland	631113	22								
Cedar	Alcona/Iosco	010017	8								

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Center	Osceola	670238	8									
Chain	Iosco	350146	10									
Chancellor (Blue)	Mason	530287	8									
Chemung	Livingston	470597	13									
Clam	Antrim	050101	5									
Clark	Jackson	380173	10									
Clear	Ogemaw	650042	8									
Clifford	Montcalm	590142	26									
Cobb	Barry	080259	5									
Corey	St. Joseph	750142	6									
Cranberry	Oakland	631196	32									
Crooked	Kalamazoo	390599	13									
Crooked, Big (E. Basin)	Van Buren	800483	13									
Crooked, Little	Van Buren	800535	8									
Crooked, North	Kalkaska	400133	8									
Crooked, Upper	Barry	080071	12									
Crystal	Oceana	640062	7									
Cub	Kalkaska	400031	6									
Deer	Alger	020127	10			9						
Deer	Oakland	631128	5									
Devils	Lenawee	460179	9 a									
Diamond	Cass	140039	6									
Diane	Hillsdale	300173	46									
Dinner	Gogebic	270126	16 c									
Duncan	Barry	080096	113									
Eagle	Allegan	030259	14									
Eagle	Cass	140057	9									

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Eagle	Kalkaska	400130	4	W							
Earl	Livingston	470554	50								
Emerald	Kent	410709	*								
Evans	Lenawee	460309	10								
Fair	Barry	080260	13								
Farwell	Jackson	380454	*								
Fenton	Genesee	250241	11								
Fish	Van Buren	800461	10								
Fisher (Big Fisher)	Leelanau	450224	7								
Five Lakes (Lake #2)	Otsego	690157	30								
Five Lakes (Lake #3)	Otsego	690152	16								
Fremont	Newaygo	620029	38								
Freska	Kent	410702	18								
Gallagher	Livingston	470210	18								
George	Clare	180056	10								
Glen (Big Glen)	Leelanau	450049	5								
Glen, Little	Leelanau	450050	5								
Goshorn	Allegan	030650	39								
Gourdneck	Kalamazoo	390541	12								
Gravel	Van Buren	800271	3	W							
Green Oak (Silver)	Livingston	470589	10		9						
Gull	Kalamazoo	390210	7		7	9					
Hamburg	Livingston	470568	13								
Hamilton	Dickinson	220060	16								
Hamlin, Lower	Mason	530073	13								
Hamlin, Upper	Mason	530074	17								
Hess	Newaygo	620032	30		36						

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Hicks	Osceola	670062	16									
Higgins (N. Basin)	Roscommon	720026	10									
Higgins (S. Basin)	Roscommon	720028	6									
High	Kent	410703	*									
Horsehead	Mecosta	540085	8									
Hubbard	Alcona	010106	6									
Hutchins	Allegan	030203	10									
Indian	Osceola	670227	18	12								
Island	Grand Traverse	280164	8									
Kimball	Newaygo	620107	*									
Klinger	St. Joseph	750136	4 T									
Lakeville	Oakland	630670	10									
Lancelot	Gladwin	260104	8	7								
Lancer	Gladwin	260116	5									
Lansing	Ingham	330137	12									
Lily	Clare	180066	11									
Little Long	Barry	080279	6	6	11							
Long	Gogebic	270179	6 H,c									
Long	Iosco	350076	5									
Magician	Cass	140065	3 W									
Margrethe	Crawford	200157	6									
Mary	Iron	360071	10									
Maston	Kent	410764	12	16	14							
Mecosta	Mecosta	540057	*									
Middle Straits	Oakland	630732	15									
Mirror	Jackson	380478	13	14								
Moon	Gogebic	270120	7									

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Mud	Jackson	380469	15								
Murray	Kent	410268	14								
Muskellunge	Kent	410765	11			13					
Muskellunge	Montcalm	590154	b								
Nepessing	Lapeer	440220	13	15							
Okonoka	Wayne	821554	125								
Opal	Otsego	690129	9								
Orion	Oakland	630554	11								
Osterhout	Allegan	030263	14								
Oxbow	Oakland	630666	12								
Papoose	Kalkaska	400134	11								
Parke	Oakland	631119	18								
Pentwater	Oceana	640313	14								
Perch	Iron	360046	16	16							
Perrin	St. Joseph	750314	12								
Pickerel	Kalkaska	400035	*								
Pickerel	Newaygo	620066	*								
Pleasant	Wexford	830183	11	11							
Portage	Washtenaw/Livingston	810248	12								
Portage (Big Portage)	Jackson	380245	7								
Pretty	Mecosta	540079	6								
Rifle	Ogemaw	650022	4	W							
Round	Clinton	190146	35								
Round	Lenawee	460304	9								
Round	Livingston	470546	20								
Round	Mecosta	540073	*								
Sanford	Benzie	100208	8	6							

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School Section	Mecosta	540080	6									
Shavehead	Cass	140071	15	15								
Sherman	Kalamazoo	390382	11									
Shingle	Clare	180108	21									
Silver	Van Buren	800534	13									
Squaw	Kalkaska	400135	20									
Starvation	Kalkaska	400030	6									
Stone Ledge	Wexford	830186	15									
Stony	Oceana	640049	27	21								
Strawberry	Livingston	470213	16									
Swezzey (Sweezey)	Jackson	380470	27									
Taylor	Oakland	631114	19	16								
Templene	St. Joseph	750322	21									
Thornapple R. -Cascade Imp.	Kent	410686	*									
Torch (N. Basin)	Antrim	050055	3 W									
Torch (S. Basin)	Antrim	050240	2 W									
Triangle	Livingston	470591	14									
Twin (Big Twin)	Kalkaska	400025	13									
Twin (Big Twin, North Twin)	Cass	140165	8									
Twin (Little Twin, South Twin)	Cass	140166	10									
Twin, East	Montmorency	600013	8	11								
Twin, Little	Kalkaska	400013	11									
Twin, West	Montmorency	600072	8									
Van Etten	Iosco	350201	27									
Vaughn	Alcona	010049	*									
Viking	Otsego	690136	19									
Vineyard	Jackson	380263	9									
Wahbememe	St. Joseph	750313	9									
Wildwood	Cheboygan	160230	18									

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Windover	Clare	180069	9								
Woods	Kalamazoo	390542	22								

Results Codes:

- * No sample received or received too late to process.
- T Value reported is less than the reporting limit (5 ug/l). Result is estimated.
- W Value is less than the method detection limit (3 ug/l)
- H Recommended laboratory holding time was exceeded.
- a Used ink that ran on label
- b Sample rejected - not frozen when received
- c Sample not collected at proper time - may not be comparable to other data