

MONITORING STATUS, BECKER COUNTY COLA LAKES, June 2015

Lake	Transparency Measurements							Chemistry Sampling										
	Obs start	years	2010 #	2011 #	2012 #	2013 #	2014 #	samp started	Chla 2010 #	Chla 2011 #	Chla 2012 #	Chla 2013 #	Chla 2014 #	TP 2010 #	TP 2011 #	TP 2012 #	TP 2013 #	TP 2014 #
BAD MEDICINE	1974	32	66	50	56	48	13	1993				5	4				5	4
BEJEAU	1993	7	5	5	5	4	5	2007	5	5	5	4	5	5	5	5	4	5
BIG SUGAR BUSH	1975	26	45	30	88	10	47	1994				8	10				8	10
BUFFALO	1988	16						1993										
CORMORANT BIG	1975	23	10	8	8	10	10	1994	10	10	8	10	10	10	10	8	10	10
CORMORANT,LIT	1966	154	40					2000										
CORMORANT,MID	1966	21			1	5	10	1993			1	5	10			1	5	10
CORMORANT,UP	1988	13	17	18	21	13	13	1997	4	3	4	4	5	4	3	4	4	5
COTTON	1973	23	25	22	22	18	16	1993										
DETROIT, BIG	1973	21	40	20	25	25	18	1993	8	8	5	7	8	8	8	5	7	8
DETROIT, LITTLE	1995	13	20	20	20	18	18	1993	6	8			8	6	8			8
CURFMAN	2008	8	17	12	2	10	8	2008	7	8		7	9	7	8		7	9
EUNICE	1990	17	12	19	5	5	4	1993	4	4	5	5	4	4	4	5	5	4
FLOYD, BIG	1975	32	38	39	41	28	13	1993					8					8
FLOYD, LITTLE	1975	22	19	15	8	16	14	1993	8	8	8	7	9	8	8	8	7	9
FLOYD, NORTH	1975	27	21	20	21	17	20	1993	8	8		7	8	8	8		7	8
HEIGHT OF LAND	1991	16	5		1		23	2001	3					3				
ISLAND	1983	32		9	11	4	2	1993				4					4	
JUGGLER		16	2				3		2					2				
LARSON	2002	11	15	6	10	10		2002										
LITTLE TOAD	1987	28	26	17	19	18	17	1993	5		4	4	1	5		4	4	1
LONG	1987	27	18	17	28	17	19	1993	12	5	5	5	4	12	5	5	5	4
MAUD	1954	29	9	11	14	7	14	1997	3	2	3			3	2	3		
MELISSA	1949	31	18	16	5	10	8	1995	5	8	5	8	8	5	8	5	8	8
NELSON	1988	23	17	17	13	10	5	2002		5	5	5	5		5	5	5	5
PEARL	1998	15	25	15	19	15		1998	8	8	16			8	8	16		
PICKEREL	1991	23	25	21	21	25	22	1993	5	1	5			5	1	5		
RICE	1995	10	0	11	11			2002										
ROCK	1994	16	6	6	4			2007										
ROSSMAN	2001	11	0	15	31	18	5	2001		5	4	4	5		5	4	4	5
ROUND	1991	22	14	14	13	13	33	1993										
SALLIE	1949	27	22		21	41	34	1995	7		5	8		7		5	8	
STRAIGHT	1991	17	23	30	15	34	24	2000										
STRAWBERRY	2000	12	18	7				2003										
TOAD	1986	25	46	5	49	37	5	1993	5	5	6	5	5	5	5	6	5	5
TULABY	1990	18	5	9			14	1993		5					5			
TURTLE	1947	23	39	19	43	20	30	1999	4	4	4	4	5	4	4	4	4	5
TWO INLETS	1978	19	16	9	22	17	19	2008	7					7				
WHITE EARTH	1978	26	27	28	54	28	34	1993										

CLMP Standard - 10 clarity readings each year

MPCA Standard (for impairment determination) 8 triplet samples (secchi, TP, Chl-a) in 10 years

COLA Recommendations: weekly secchi (CLMP) plus obtain sufficient paired chlorophyll (Chl-a) and phosphorus (TP) samples to ascertain t their lake(s); for most lakes this requires 5 samples each season for three years. The process should be repeated if there is a significant change in tra

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	start	years	#	#	#	#	#		#	#	#	#	#		#	#	#	#	#

Samples in past 5,10 years		Meet COLA Recs
9,17		y
24,38		n
18,36		y
0,14		n
48,68		y
0,10		n
10,27		n
20,35		y
0,8		y
36,58		y
22,36		y
31,47		y
22,37		n
8,25		y
40,60		y
32,56		y
3,13		y
4,6		n
2,9		n
0,11		y
14,27		y
31,40		y
11,17		y
34,58		n
20,34		?
32, 46		n
11,13		y
0,8		n
0,14		n
18,34		?
0,12		y
19, 45		y
0,13		y
0,12		n
26,45		?
21,40		y
21,32		y
7, 28		y
0,10		y

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insparency.

Samples in past 5,10 years		Meet COLA Recs