

IDEM 2012 SAMPLING RESULTS

Date	Location	Cyanobacteria Cells/ml	Dominant Species 1	Dominant Species 2	Dominant Species 3
August 28th	Raccoon Lake SRA – Walker Boat Ramp	1,400,000	<i>Raphidiopsis curvata</i>	<i>Planktolyngbya limnetica</i>	<i>Merismopedia</i>
August 28th	Lake Monroe Fairfax SRA	160,000	<i>Synechocystis</i>	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>
August 28th	Lake Monroe Hardin Ridge RA	130,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	<i>Synechocystis</i>
August 28th	Lake Monroe Paynetown SRA	420,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	<i>Synechocystis</i>
August 28th	Hardy Lake SRA	560,000	<i>Aphanocapsa</i>	<i>Synechocystis</i>	<i>Planktolyngbya limnetica</i>
August 28th	Brookville Lake Mounds SRA	680,000	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa</i>	<i>Cylindrospermopsis raciborskii</i>
August 28th	Brookville Lake Quakertown SRA	690,000	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa</i>	<i>Synechocystis</i>
August 28th	Whitewater Memorial State Park Whitewater Lake	610,000	<i>Aphanocapsa</i>	<i>Anabaena</i>	<i>Aphanizomenon</i>
August 28th	Long Lake Chain O Lakes State Park	170,000	<i>Synechocystis</i>	<i>Aphanocapsa</i>	<i>Aphanizomenon</i>
August 27	Mississinewa Lake Miami SRA (beach)	1,200,000	<i>Planktolyngbya limnetica</i>	<i>Microcystis</i>	<i>Aphanocapsa</i>
August 27	Salamonie Lake Lost Bridge SRA	940,000	<i>Merismopedia</i>	<i>Synechocystis</i>	<i>Microcystis</i>
August 27	Worster Lake Potato Creek State Park	1,000,000	<i>Cylindrospermopsis raciborskii</i>	<i>Microcystis</i>	<i>Pseudanabaena</i>
August 20	Lake James Pokagon State Park	100,000	<i>Aphanocapsa</i>	<i>Microcystis</i>	<i>Synechocystis</i>
August 20	Sand Lake Chain O Lakes State Park	28,500	<i>Aphanizomenon</i>	<i>Synechocystis Gomphosphaeria</i>	<i>Aphanocapsa Pseudanabaena</i>
August 20	Long Lake Chain O Lakes State Park	210,000	<i>Aphanizomenon</i>	<i>Anabaena</i>	<i>Woronichinia/Cuspidothrix</i>
August 20	Salamonie Lake Lost Bridge SRA	910,000	<i>Synechocystis</i>	<i>Merismopedia</i>	<i>Planktolyngbya limnetica</i>
August 21	Worster Lake Potato Creek State Park	880,000	<i>Aphanocapsa</i>	<i>Microcystis</i>	<i>Raphidiopsis Cylindrospermopsis</i>
August 21	Mississinewa Lake Miami SRA (beach)	1,200,000	<i>Microcystis</i>	<i>Aphanocapsa</i>	<i>Planktolyngbya limnetica</i>
August 13	Raccoon Lake SRA – Walker Boat Ramp	900,000	<i>Planktolyngbya limnetica</i>	<i>Merismopedia</i>	<i>Pseudanabaena</i>
August 13	Lake Monroe Fairfax SRA	240,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	
August 13	Lake Monroe Hardin Ridge RA	265,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	
August 13	Lake Monroe Paynetown SRA	560,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	
August 14	Hardy Lake SRA	300,000	<i>Aphanocapsa</i>	<i>Synechocystis</i>	<i>Planktolyngbya limnetica</i>
August 14	Brookville Lake Mounds SRA	830,000	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa</i>	<i>Merismopedia</i>
August 14	Brookville Lake Quakertown SRA	800,000	<i>Planktolyngbya limnetica</i>	<i>Merismopedia</i>	<i>Pseudanabaena</i>
August 14	Whitewater Memorial State Park Whitewater Lake	240,000	<i>Aphanocapsa</i>	<i>Synechocystis</i>	<i>Anabaena</i>
August 6	Salamonie Lake Lost Bridge SRA (Boat ramp)	1,500,000	<i>Synechocystis</i>	<i>Merismopedia</i>	<i>Microcystis</i>

August 7	Worster Lake Potato Creek State Park	1,100,000	<i>Cylindrospermopsis raciborskii</i>	<i>Raphidiopsis curvata</i>	
August 7	Mississinewa Lake Miami SRA (beach)	1,100,000	<i>Planktolyngbya limnetica</i>	<i>Cylindrospermopsis raciborskii</i>	
July 30	Hardy Lake SRA	490,000	<i>Aphanocapsa</i>	<i>Synechocystis</i>	<i>Planktolyngbya limnetica</i>
July 30	Brookville Lake Mounds SRA	490,000	<i>Planktolyngbya limnetica</i>	<i>Cylindrospermopsis</i>	<i>Aphanocapsa</i>
July 30	Brookville Lake Quakertown SRA	820,000	<i>Merismopedia</i>	<i>Pseudanabaena</i>	<i>Aphanocapsa</i>
July 30	Whitewater Memorial State Park Whitewater Lake	180,000	<i>Aphanocapsa</i>	<i>Synechocystis</i>	<i>Aphanizomenon</i>
July 31	Raccoon Lake SRA Boat Ramp	780,000	<i>Planktolyngbya limnetica</i>	<i>Pseudanabaena</i>	<i>Raphidiopsis curvata</i>
July 31	Raccoon Lake Walker Boat Ramp	870,000	<i>Planktolyngbya limnetica</i>	<i>Pseudanabaena</i>	<i>Raphidiopsis curvata</i>
July 24	Worster Lake Potato Creek State Park	1,480,000	<i>Cylindrospermopsis</i>	<i>Raphidiopsis</i>	<i>Planktolyngbya</i>
July 24	Mississinewa Lake Miami SRA (boat ramp)	913,000	<i>Planktolyngbya</i>	<i>Cylindrospermopsis</i>	<i>Aphanocapsa</i>
July 23	Lake James Pokagon State Park	71,000	<i>Aphanocapsa</i>	<i>Microcystis</i>	<i>Synechocystis</i>
July 23	Sand Lake Chain O Lakes State Park	69,000	<i>Aphanocapsa</i>	<i>Synechocystis</i>	<i>Gomphosphaeria</i>
July 23	Long Lake Chain O Lakes State Park	66,000	<i>Synechocystis</i>	<i>Aphanizomenon</i>	<i>Aphanocapsa</i>
July 23	Salamonie Lake Lost Bridge SRA	877,500	<i>Planktolyngbya</i>	<i>Merismopedia</i>	<i>Synechocystis</i>
July 17	Hardy Lake SRA	457,600	<i>Planktolyngbya limnetica</i>	<i>Synechocystis</i>	<i>Anabaena</i>
July 17	Brookville Lake Mounds SRA	413,760	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa.</i>	<i>Synechocystis.</i>
July 17	Brookville Lake Quakertown SRA	350,134	<i>Planktolyngbya limnetica</i>	<i>Synechocystis</i>	<i>Merismopedia</i>
July 17	Whitewater Memorial State Park Whitewater Lake	304,667	<i>Aphanocapsa</i>	<i>Synechocystis</i>	<i>Planktolyngbya limnetica</i>
July 16	Raccoon Lake SRA	1,873,600	<i>Raphidiopsis curvata</i>	<i>Aphanizomenon.</i>	<i>Microcystis</i>
July 16	Lake Monroe Fairfax SRA	43,720	<i>Planktolyngbya limnetica</i>	<i>Synechocystis</i>	<i>Raphidiopsis curvata</i>
July 16	Hardin Ridge-HNF	43,120	<i>Planktolyngbya limnetica</i>	<i>Synechocystis</i>	<i>Aphanocapsa</i>
July 16	Paynetown SRA	68,880	<i>Planktolyngbya limnetica</i>	<i>Synechocystis</i>	<i>Cylindrospermopsis raciborskii</i>
July 16	Paynetown SRA	60,293	<i>Synechocystis</i>	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa</i>
July 9	Worster Lake Potato Creek State Park	528,240	<i>Planktolyngbya</i>	<i>Aphanizomenon</i>	<i>Raphidiopsis</i>
July 9	Sand Lake Chain O Lakes State Park	183,760	<i>Aphanocapsa</i>	<i>Aphanizomenon</i>	<i>Synechocystis</i>
July 9	Salamonie Lake Lost Bridge SRA	1,265,360	<i>Aphanocapsa</i>	<i>Merismopedia</i>	<i>Planktolyngbya</i>
July 2	Raccoon Lake SRA	1,482,134	<i>Raphidiopsis</i>	<i>Planktolyngbya</i>	<i>Aphanocapsa</i>
July 2	Brookville Lake Mounds SRA	141,440	<i>Planktolyngbya.</i>	<i>Aphanizomenon</i>	<i>Aphanocapsa</i>
July 2	Brookville Lake Quakertown SRA	377,940	<i>Microcystis sp.</i>	<i>Planktolyngbya</i>	<i>Aphanocapsa.</i>
June 25	Mississinewa Lake Miami SRA	47,440	<i>Aphanocapsa</i>	<i>Merismopedia</i>	<i>Synechocystis</i>
June 25	Mississinewa Lake Miami SRA	51,360	<i>Aphanocapsa</i>	<i>Microcystis</i>	<i>Merismopedia</i>
June 25	Worster Lake Potato Creek State Park	384,534	<i>Planktolyngbya</i>	<i>Raphidiopsis</i>	<i>Snowella</i>
June 26	Lake James Pokagon State Park	21,120	<i>Synechocystis</i>	<i>Microcystis</i>	<i>Aphanocapsa</i>
June 26	Sand Lake Chain O Lakes State Park	108,000	<i>Planktolyngbya</i>	<i>Aphanocapsa</i>	<i>Pseudanabaena</i>
June 26	Salamonie Lake Lost Bridge SRA	750,320	<i>Microcystis</i>	<i>Planktolyngbya</i>	<i>Merismopedia</i>
June 18	Raccoon Lake SRA	238,111	<i>Raphidiopsis</i>	<i>Planktolyngbya</i>	<i>Aphanocapsa</i>
June 18	Lake Monroe Fairfax SRA	20,480	<i>Merismopedia</i>	<i>Aphanocapsa</i>	

June 18	Lake Monroe Hardin Ridge RA	3,840	<i>Merismopedia</i>		
June 18	Lake Monroe Paynetown SRA	19,680	<i>Merismopedia</i>	<i>Aphanocapsa</i>	
June 19	Brookville Lake Mounds SRA	89,440	<i>Aphanizomenon</i>	<i>Synechocystis</i>	<i>Anabaena</i>
June 19	Brookville Lake Quakertown SRA	97,920	<i>Aphanizomenon</i>	<i>Snowellia</i>	
June 19	Whitewater Memorial State Park Whitewater Lake	33,920	<i>Aphanocapsa</i>	<i>Microcystis</i>	
June 19	Hardy Lake SRA	47,360	<i>Planktolyngbya</i>	<i>Aphanocapsa</i>	<i>Pseudanabaena</i>