

**IDEM 2023 SAMPLING RESULTS**  
**Cyanobacteria Cell Counts, Identification, and Cyanotoxin Results**

Date	Location	Cells/ml	Dominant Species 1	Dominant Species 2	Dominant Species 3	<sup>1</sup> Microcystin ug/l	<sup>2</sup> Anatoxin-a ug/l	<sup>3</sup> Saxitoxin ug/l	<sup>4</sup> Cylindrospermopsin ug/l
8/28	Ferdinand State Forest - Ferdinand Lake Beach	550,000	<i>Pseudanabaena sp.</i>	<i>Cylindrospermopsis raciborskii</i>	<i>Aphanocapsa sp.</i>	ND	ND	0.057	ND
8/28	Mississinewa Lake - Miami SRA Beach	550,000	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa sp.</i>	<i>Cylindrospermopsis raciborskii</i>	ND	ND	ND	ND
8/28	Ouabache SP – Kunkel Lake Beach	54,000	<i>Aphanocapsa sp.</i>	<i>Aphanizomenon sp.</i>	<i>Planktothrix isoethrix</i>	ND	ND	ND	ND
8/28	Patoka Lake – Newton Stewart SRA Beach	410,000	<i>Planktolyngbya limnetica</i>	<i>Cylindrospermopsis raciborskii</i>	<i>Picoplankton</i>	ND	ND	ND	ND
8/28	Potato Creek SP – Worster Lake Beach	710,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	ND
8/28	Salamonie Lake - Lost Bridge West SRA Beach	770,000	<i>Merismopedia sp.</i>	<i>Pseudanabaena sp.</i>	<i>Planktolyngbya limnetica</i>	ND	ND	ND	ND
8/22	Brookville Lake - Mounds SRA Beach	290,000	<i>Picoplankton</i>	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	ND
8/22	Brookville Lake - Quakertown SRA Beach	410,000	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	ND
8/21	Cagles Mill Lake - Lieber SRA Beach	560,000	<i>Pseudanabaena sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	ND
8/21	Cecil M. Harden Lake - Raccoon Lake SRA Beach	1,300,000	<i>Pseudanabaena sp.</i>	<i>Aphanocapsa sp.</i>	<i>Raphidiopsis sp.</i>	ND	ND	ND	ND
8/22	Hardy Lake - Hardy Lake SRA Beach	280,000	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa sp.</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	ND
8/21	Monroe Lake - Fairfax SRA Beach	94,000	<i>Planktolyngbya limnetica</i>	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	ND	ND	ND	ND
8/21	Monroe Lake – Paynetown SRA Beach	545,000	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa sp.</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	ND
8/21	Starve Hollow SRA – Starve Hollow Lake Beach	220,000	<i>Aphanocapsa sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Aphanizomenon sp.</i>	1.62	ND	0.087	ND
8/22	Whitewater Memorial SP – Whitewater Lake Beach	710,000	<i>Pseudanabaena sp.</i>	<i>Aphanocapsa sp.</i>	<i>Planktolyngbya limnetica</i>	ND	ND	ND	ND
8/14	Chain O' Lakes SP – Sand Lake Beach	51,000	<i>Aphanocapsa sp.</i>	<i>Aphanizomenon flos-aquae</i>	<i>Aphanothece sp.</i>	ND	ND	ND	ND
8/14	Ferdinand State Forest - Ferdinand Lake Beach	250,000	<i>Aphanocapsa sp.</i>	<i>Pseudanabaena sp.</i>	<i>Planktolyngbya limnetica</i>	ND	ND	ND	ND
8/14	Lincoln SP – Lake Lincoln Beach	53,000	<i>Merismopedia sp.</i>	<i>Aphanocapsa sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	0.23
8/15	Mississinewa Lake - Miami SRA Beach	550,000	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	<i>Planktolyngbya limnetica</i>	ND	ND	ND	ND
8/14	Ouabache SP – Kunkel Lake Beach	96,500	<i>Aphanothece sp.</i>	<i>Aphanocapsa sp.</i>	<i>Aphanizomenon sp.</i>	ND	ND	ND	ND
8/14	Patoka Lake – Newton Stewart SRA Beach	250,000	<i>Planktolyngbya limnetica</i>	<i>Cylindrospermopsis raciborskii</i>	<i>Picoplankton</i>	ND	ND	ND	ND
8/14	Pokagon SP –Main Beach	32,000	<i>Aphanothece sp.</i>	<i>Aphanocapsa sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	ND
8/14	Pokagon SP – Potawatomi Inn Beach	72,000	<i>Aphanocapsa sp.</i>	<i>Aphanothece sp.</i>	<i>Picoplankton</i>	ND	ND	ND	ND
8/15	Potato Creek SP – Worster Lake Beach	440,000	<i>Planktolyngbya limnetica</i>	<i>Cylindrospermopsis raciborskii</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	ND
8/15	Salamonie Lake - Lost Bridge West SRA Beach	300,000	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	ND

8/15	Summit Lake SP – Summit Lake Beach	110,000	<i>Picoplankton</i>	<i>Aphanothece sp.</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	ND
8/8	Brookville Lake - Mounds SRA Beach	200,000	<i>Picoplankton</i>	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	ND
8/8	Brookville Lake - Quakertown SRA Beach	230,000	<i>Merismopedia sp.</i>	<i>Pseudanabaena sp.</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	ND
8/7	Cagles Mill Lake - Lieber SRA Beach	710,000	<i>Planktolyngbya limnetica</i>	<i>Merismopedia sp.</i>	<i>Cylindrospermopsis raciborskii</i>	ND	ND	ND	ND
8/7	Cecil M. Harden Lake - Raccoon Lake SRA Beach	1,900,000	<i>Pseudanabaena sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Raphidiopsis sp.</i>	ND	ND	ND	ND
8/8	Deam Lake SRA – Deam Lake Beach	15,000	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	ND	ND	ND	ND
8/8	Hardy Lake - Hardy Lake SRA Beach	390,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa sp.</i>	ND	0.43	ND	ND
8/7	Monroe Lake - Fairfax SRA Beach	110,000	<i>Planktolyngbya limnetica</i>	<i>Limnothrix sp.</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	ND
8/7	Monroe Lake – Paynetown SRA Beach	215,000	<i>Planktolyngbya limnetica</i>	<i>Cylindrospermopsis raciborskii</i>	<i>Picoplankton</i>	ND	ND	ND	ND
8/7	Starve Hollow SRA – Starve Hollow Lake Beach	200,000	<i>Aphanocapsa sp.</i>	<i>Aphanizomenon sp.</i>	<i>Aphanizomenon flos-aquae</i>	ND	ND	0.055	ND
8/8	Whitewater Memorial SP – Whitewater Lake Beach	720,000	<i>Pseudanabaena sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Raphidiopsis sp.</i>	ND	ND	ND	ND
7/31	Chain O'Lakes SP – Sand Lake Beach	72,000	<i>Aphanocapsa sp.</i>	<i>Aphanothece sp.</i>	<i>Aphanizomenon flos-aquae</i>	ND	ND	ND	ND
7/31	Ferdinand State Forest – Ferdinand Lake Beach	130,000	<i>Aphanizomenon flos-aquae</i>	<i>Aphanocapsa sp.</i>	<i>Rhabdoderma sp.</i>	ND	ND	ND	ND
7/31	Mississinewa Lake – Miami SRA Beach	355,000	<i>Merismopedia sp.</i>	<i>Aphanocapsa sp.</i>	<i>Pseudanabaena sp.</i>	0.345	ND	ND	ND
7/31	Patoka Lake – Newton Stewart SRA Beach	270,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	<i>Picoplankton</i>	ND	ND	ND	ND
7/31	Potato Creek SP – Worster Lake Beach	400,000	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa sp.</i>	<i>Aphanizomenon flos-aquae</i>	ND	ND	ND	ND
7/31	Salamonie Lake – Lost Bridge West SRA Beach	270,000	<i>Merismopedia sp.</i>	<i>Aphanocapsa sp.</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	ND
7/25	Brookville Lake - Quakertown SRA Beach	430,000	<i>Pseudanabaena sp.</i>	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	0.460	ND	ND	ND
7/24	Cagles Mill Lake - Lieber SRA Beach	620,000	<i>Aphanocapsa sp.</i>	<i>Pseudanabaena sp.</i>	<i>Merismopedia sp.</i>	0.370	ND	0.079	ND
7/24	Cecil M. Harden Lake - Raccoon Lake SRA Beach	2,100,000	<i>Pseudanabaena sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Raphidiopsis sp.</i>	ND	ND	ND	ND
7/25	Hardy Lake - Hardy Lake SRA Beach	360,000	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa sp.</i>	<i>Cylindrospermopsis raciborskii</i>	ND	ND	ND	ND
7/24	Starve Hollow SRA – Starve Hollow Lake Beach	150,000	<i>Aphanocapsa sp.</i>	<i>Aphanothece sp.</i>	<i>Merismopedia sp.</i>	ND	ND	0.090	ND
7/25	Whitewater Memorial SP – Whitewater Lake Beach	660,000	<i>Pseudanabaena sp.</i>	<i>Merismopedia sp.</i>	<i>Planktolyngbya limnetica</i>	ND	ND	ND	ND
7/17	Chain O'Lakes SP – Sand Lake Beach	130,000	<i>Aphanocapsa sp.</i>	<i>Aphanothece sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	ND
7/17	Ferdinand State Forest - Ferdinand Lake Beach	89,000	<i>Coelosphaerium sp.</i>	<i>Aphanocapsa sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	ND
7/17	Lincoln SP – Lake Lincoln Beach	30,000	<i>Picoplankton</i>	<i>Merismopedia sp.</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	ND
7/18	Mississinewa Lake - Miami SRA Beach	94,000	<i>Aphanocapsa sp.</i>	<i>Pseudanabaena sp.</i>	<i>Planktolyngbya limnetica</i>	0.69	ND	ND	ND
7/17	Ouabache SP – Kunkel Lake Beach	39,000	<i>Aphanocapsa sp.</i>	<i>Dolichospermum sp.</i>	<i>Planktothrix isoethrix</i>	ND	ND	ND	ND
7/17	Patoka Lake – Newton Stewart SRA Beach	140,000	<i>Picoplankton</i>	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	ND

7/17	Pokagon SP –Main Beach	47,000	<i>Aphanothece sp.</i>	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	ND	ND	ND	ND
7/17	Pokagon SP – Potawatomi Inn Beach	65,500	<i>Aphanocapsa sp.</i>	<i>Aphanothece sp.</i>	<i>Picoplankton</i>	ND	ND	ND	ND
7/18	Potato Creek SP – Worster Lake Beach	120,000	<i>Aphanocapsa sp.</i>	<i>Aphanothece sp.</i>	<i>Planktolyngbya limnetica</i>	ND	ND	ND	ND
7/18	Salamonie Lake - Lost Bridge West SRA Beach	420,000	<i>Merismopedia sp.</i>	<i>Aphanocapsa sp.</i>	<i>Planktothrix agardhii</i>	ND	ND	ND	ND
7/18	Summit Lake SP – Summit Lake Beach	110,000	<i>Picoplankton</i>	<i>Aphanocapsa sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	ND
7/11	Brookville Lake - Mounds SRA Beach	69,000	<i>Picoplankton</i>	<i>Aphanocapsa sp.</i>	<i>Aphanizomenon flos-aquae</i>	ND	ND	ND	ND
7/11	Brookville Lake - Quakertown SRA Beach	150,000	<i>Pseudanabaena sp.</i>	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	ND
7/10	Cagles Mill Lake - Lieber SRA Beach	260,000	<i>Planktothrix isothrix</i>	<i>Pseudanabaena sp.</i>	<i>Dolichospermum sp.</i>	ND	ND	0.051	ND
7/10	Cecil M. Harden Lake - Raccoon Lake SRA Beach	1,500,000	<i>Pseudanabaena sp.</i>	<i>Aphanocapsa sp.</i>	<i>Planktolyngbya limnetica</i>	ND	ND	ND	ND
7/11	Deam Lake SRA – Deam Lake Beach	47,000	<i>Merismopedia sp.</i>	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	ND	ND	ND	ND
7/11	Hardy Lake - Hardy Lake SRA Beach	280,000	<i>Aphanizomenon flos-aquae</i>	<i>Aphanocapsa sp.</i>	<i>Planktolyngbya limnetica</i>	ND	ND	ND	ND
7/10	Monroe Lake - Fairfax SRA Beach	38,000	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	ND
7/10	Monroe Lake – Paynetown SRA Beach	44,000	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	ND
7/10	Starve Hollow SRA – Starve Hollow Lake Beach	120,000	<i>Aphanizomenon sp.</i>	<i>Aphanizomenon flos-aquae</i>	<i>Aphanocapsa sp.</i>	ND	ND	0.26	ND
7/11	Whitewater Memorial SP – Whitewater Lake Beach	290,000	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	ND
7/3	Mississinewa Lake - Miami SRA Beach	185,000	<i>Aphanocapsa sp.</i>	<i>Dolichospermum sp.</i>	<i>Aphanizomenon flos-aquae</i>	1.99	ND	ND	NR
7/5	Patoka Lake – Newton Stewart SRA Beach	220,000	<i>Aphanocapsa sp.</i>	<i>Pseudanabaena sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	NR
7/3	Salamonie Lake - Lost Bridge West SRA Beach	210,000	<i>Picoplankton</i>	<i>Pseudanabaena sp.</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	NR
6/26	Cecil M. Harden Lake - Raccoon Lake SRA Beach	630,000	<i>Pseudanabaena sp.</i>	<i>Picoplankton</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	NR
6/26	Hardy Lake - Hardy Lake SRA Beach	190,000	<i>Aphanocapsa sp.</i>	<i>Aphanizomenon flos-aquae</i>	<i>Coelosphaerium sp.</i>	ND	ND	ND	NR
6/26	Starve Hollow SRA - Starve Hollow Lake Beach	120,000	<i>Aphanocapsa sp.</i>	<i>Aphanizomenon sp.</i>	<i>Chroococcus sp.</i>	ND	ND	0.66	NR
6/26	Whitewater Memorial SP - Whitewater Lake Beach	97,000	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	<i>Picoplankton</i>	ND	ND	ND	NR
6/19	Chain O'Lakes SP – Sand Lake Beach	20,000	<i>Merismopedia sp.</i>	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
6/19	Ferdinand State Forest - Ferdinand Lake Beach	79,000	<i>Aphanocapsa sp.</i>	<i>Aphanothece sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
6/19	Lincoln SP – Lake Lincoln Beach	30,000	<i>Aphanocapsa sp.</i>	<i>Chroococcus sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	NR
6/20	Mississinewa Lake - Miami SRA Beach	160,000	<i>Aphanizomenon flos-aquae</i>	<i>Planktothrix isothrix</i>	<i>Dolichospermum sp.</i>	0.63	ND	ND	NR
6/19	Ouabache SP – Kunkel Lake Beach	40,000	<i>Aphanocapsa sp.</i>	<i>Pseudanabaena sp.</i>	<i>Cuspidothrix sp.</i>	ND	ND	ND	NR

6/19	Patoka Lake – Newton Stewart SRA Beach	190,000	<i>Picoplankton</i>	<i>Pseudanabaena sp.</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	NR
6/19	Pokagon SP –Main Beach	30,000	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	NR
6/19	Pokagon SP – Potawatomi Inn Beach	18,000	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	<i>Romeria sp.</i>	ND	ND	ND	NR
6/20	Potato Creek SP – Worster Lake Beach	68,000	<i>Merismopedia sp.</i>	<i>Aphanothece sp.</i>	<i>Coelosphaerium sp.</i>	ND	ND	ND	NR
6/20	Salamonie Lake - Lost Bridge West SRA Beach	265,000	<i>Aphanothece sp.</i>	<i>Aphanocapsa sp.</i>	<i>Planktothrix agardhii</i>	ND	0.54	ND	NR
6/20	Summit Lake SP – Summit Lake Beach	27,000	<i>Picoplankton</i>	<i>Merismopedia sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
6/12	Cecil M. Harden Lake – Raccoon Lake SRA Beach	340,000	<i>Pseudanabaena sp.</i>	<i>Aphanocapsa sp.</i>	<i>Romeria sp.</i>	ND	ND	ND	NR
6/12	Cagles Mill Lake – Lieber SRA Beach	50,000	<i>Aphanocapsa sp.</i>	<i>Aphanothece sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	NR
6/12	Monroe Lake – Paynetown SRA Beach	53,000	<i>Picoplankton</i>	<i>Merismopedia sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
6/12	Monroe Lake – Fairfax SRA Beach	48,000	<i>Picoplankton</i>	<i>Merismopedia sp.</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	NR
6/12	Starve Hollow SRA – Starve Hollow Lake Beach	430,000	<i>Aphanothece sp.</i>	<i>Aphanocapsa sp.</i>	<i>Aphanizomenon flos-aquae</i>	ND	ND	0.098	NR
6/13	Whitewater Memorial SP – Whitewater Lake Beach	510,000	<i>Pseudanabaena sp.</i>	<i>Raphidiopsis sp.</i>	<i>Planktothrix agardhii</i>	ND	ND	ND	NR
6/13	Brookville Lake – Quakertown SRA Beach	19,000	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
6/13	Brookville Lake – Mounds SRA Beach	34,000	<i>Aphanocapsa sp.</i>	<i>Chroococcus sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	NR
6/13	Hardy Lake – Hardy Lake SRA Beach	81,000	<i>Aphanocapsa sp.</i>	<i>Aphanothece sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	NR
6/13	Deam Lake SRA – Deam Lake Beach	79,000	<i>Merismopedia sp.</i>	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
6/5	Ferdinand State Forest - Ferdinand Lake Beach	53,000	<i>Aphanocapsa sp.</i>	<i>Aphanothece sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	NR
6/5	Salamonie Lake - Lost Bridge West SRA Beach	145,000	<i>Aphanocapsa sp.</i>	<i>Pseudanabaena sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
5/30	Cecil M. Harden Lake - Raccoon Lake SRA Beach	640,000	<i>Pseudanabaena sp.</i>	<i>Raphidiopsis sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	NR
5/30	Brookville Lake - Mounds SRA Beach	10,000	<i>Chroococcus sp.</i>	<i>Aphanizomenon flos-aquae</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	NR
5/30	Brookville Lake – Quakertown SRA Beach	150,000	<i>Pseudanabaena sp.</i>	<i>Chroococcus sp.</i>	<i>Aphanizomenon flos-aquae</i>	ND	ND	ND	NR
5/30	Whitewater Memorial SP – Whitewater Lake Beach	920,000	<i>Pseudanabaena sp.</i>	<i>Aphanizomenon sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	NR
5/22	Kunkel Lake - Kunkel Beach @ Ouabache State Park	8,800	<i>Merismopedia sp.</i>	<i>Aphanocapsa sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
5/22	Lake James - Pokagon State Park	21,000	<i>Picoplankton</i>	<i>Chroococcus sp.</i>		ND	ND	ND	NR
5/22	Lake James - Potawatomi Inn's Beach	19,000	<i>Picoplankton</i>	<i>Merismopedia sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
5/22	Sand Lake - Chain O'Lakes SP	5,200	<i>Aphanizomenon sp.</i>	<i>Chroococcus sp.</i>	<i>Picoplankton</i>	ND	ND	ND	NR

5/22	Lake Lincoln - Lincoln State Park	11,000	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	NR
5/22	Patoka Lake – Patoka SRA Beach	53,000	<i>Picoplankton</i>	<i>Aphanocapsa sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
5/22	Ferdinand State Forest Lake - Beach at Ferdinand State Forest Lake	120,000	<i>Dolichospermum sp.</i>	<i>Aphanizomenon flos-aquae</i>	<i>Anabaena sp.</i>	ND	ND	ND	NR
5/23	Summit Lake Reservoir - Summit Lake - State Park	7,100	<i>Chroococcus sp.</i>	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	NR
5/23	Salamonie Lake - Lost Bridge West SRA	150,000	<i>Pseudanabaena sp.</i>	<i>Aphanocapsa sp.</i>	<i>Aphanothece sp.</i>	ND	ND	ND	NR
5/23	Mississinewa Lake - Mississinewa Lake Miami SRA	21,000	<i>Merismopedia sp.</i>	<i>Chroococcus sp.</i>	<i>Picoplankton</i>	ND	ND	ND	NR
5/23	Worster Lake - Potato Creek State Park	25,050	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
5/15	Cecil M. Harden Lake – Raccoon Lake SRA	96,000	<i>Pseudanabaena sp.</i>	<i>Merismopedia sp.</i>	<i>Raphidiopsis sp.</i>	ND	ND	ND	NR
5/15	Cagles Mill Lake - Cagles Mill Lake Beach	39,000	<i>Picoplankton</i>	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	NR
5/15	Monroe Lake - Paynetown SRA	8,300	<i>Chroococcus sp.</i>	<i>Picoplankton</i>	<i>Merismopedia sp.</i>	ND	ND	ND	NR
5/15	Monroe Lake - Fairfax SRA	8,200	<i>Chroococcus sp.</i>	<i>Merismopedia sp.</i>	<i>Cyanodictyon sp.</i>	ND	ND	ND	NR
5/15	Starve Hollow Lake - Starve Hollow SRA	23,000	<i>Chroococcus sp.</i>	<i>Merismopedia sp.</i>	<i>Picoplankton</i>	ND	ND	ND	NR
5/16	Deam Lake – Deam Lake SRA	19,000	<i>Merismopedia sp.</i>	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
5/16	Hardy Lake - Hardy Lake SRA	37,000	<i>Dolichospermum sp.</i>	<i>Chroococcus sp.</i>	<i>Picoplankton</i>	ND	ND	ND	NR
5/16	Brookville Lake - Mounds SRA	130,000	<i>Aphanizomenon flos-aquae</i>	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
5/16	Brookville Lake – Quakertown SRA	94,000	<i>Pseudanabaena sp.</i>	<i>Aphanocapsa sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
5/16	Whitewater Lake - Whitewater Memorial SP	170,000	<i>Pseudanabaena sp.</i>	<i>Cyanodictyon sp.</i>	<i>Planktothrix isoethrix</i>	ND	ND	ND	NR

<sup>1</sup>Microcystin detection and reporting limit is 0.30 ug/l.

<sup>2</sup>Anatoxin-a detection and reporting limit is 0.40 ug/l.

<sup>3</sup>Saxitoxin reporting limit is 0.05 ug/l.

<sup>4</sup>Cylindrospermopsin detection and reporting limit is 0.15 ug/l. Will be run on samples that contain the toxin producing species, generally starting in July.

NR-Not run

ND-Not detected