

IDEM 2022 SAMPLING RESULTS
Cyanobacteria Cell Counts, Identification, and Cyanotoxin Results

Date	Location	Cells/ml	Dominant Species 1	Dominant Species 2	Dominant Species 3	¹ Microcystin ug/l	² Anatoxin-a ug/l	³ Saxitoxin ug/l	⁴ Cylindrospermopsin ug/l
8/29	Sand Lake - Chain O'Lakes SP	120,000	<i>Aphanizomenon sp.</i>	<i>Cuspidothrix sp.</i>	<i>Aphanocapsa sp.</i>	ND	ND	0.24	ND
8/29	Kunkel Lake - Kunkel Beach @ Ouabache State Park	600,000	<i>Aphanizomenon sp.</i>	<i>Cuspidothrix sp.</i>	<i>Dolichospermum sp.</i>	ND	4.95	1.46	ND
8/29	Patoka Lake – Patoka SRA Beach	310,000	<i>Planktolyngbya limnetica</i>	<i>Cylindrospermopsis raciborskii</i>	<i>Picoplankton</i>	ND	ND	ND	ND
8/29	Lake Lincoln - Lincoln State Park	120,000	<i>Merismopedia sp.</i>	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	ND	ND	0.4	4.7
8/30	Worster Lake - Potato Creek State Park	640,000	<i>Pseudanabaena sp.</i>	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	ND	ND	ND	ND
8/30	Mississinewa Lake - Mississinewa Lake Miami SRA	390,000	<i>Pseudanabaena sp.</i>	<i>Raphidiopsis sp.</i>	<i>Merismopedia sp.</i>	0.63	ND	ND	ND
8/30	Salamonie Lake - Lost Bridge West SRA	360,000	<i>Merismopedia sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	ND
8/22	Cecil M. Harden Lake – Raccoon Lake SRA	1,500,000	<i>Pseudanabaena sp.</i>	<i>Merismopedia sp.</i>	<i>Raphidiopsis sp.</i>	ND	ND	ND	ND
8/22	Cagles Mill Lake - Cagles Mill Lake Beach	945,000	<i>Pseudanabaena sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Raphidiopsis sp.</i>	ND	ND	ND	ND
8/22	Monroe Lake - Paynetown SRA	460,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	ND
8/22	Monroe Lake - Fairfax SRA	480,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	ND
8/22	Starve Hollow Lake - Starve Hollow SRA	110,000	<i>Aphanocapsa sp.</i>	<i>Chroococcus sp.</i>	<i>Unknown trichome</i>	ND	ND	ND	ND
8/22	Lake Lincoln - Lincoln State Park	57,000	<i>Aphanocapsa sp.</i>	<i>Planktothrix isoethrix</i>	<i>Aphanizomenon sp.</i>	ND	ND	0.92	2.5
8/23	Whitewater Lake - Whitewater Memorial SP	950,000	<i>Pseudanabaena sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	ND
8/23	Brookville Lake – Quakertown SRA	170,000	<i>Merismopedia sp.</i>	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	ND
8/23	Brookville Lake - Mounds SRA	190,000	<i>Merismopedia sp.</i>	<i>Picoplankton</i>	<i>Merismopedia sp.</i>	ND	ND	ND	ND
8/23	Hardy Lake - Hardy Lake SRA	400,000	<i>Aphanocapsa sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	ND
8/23	Kunkel Lake - Kunkel Beach @ Ouabache State Park	520,000	<i>Aphanizomenon sp.</i>	<i>Cuspidothrix sp.</i>	<i>Cylindrospermopsis raciborskii</i>	ND	2.7	1.45	ND
8/15	Kunkel Lake - Kunkel Beach @ Ouabache State Park	270,000	<i>Cuspidothrix sp.</i>	<i>Aphanizomenon sp.</i>	<i>Planktothrix isoethrix</i>	ND	0.73	1.3	ND
8/15	Lake James - Pokagon State Park	31,000	<i>Aphanothece sp.</i>	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	ND	ND	ND	ND
8/15	Lake James - Potawatomi Inn's Beach	25,000	<i>Picoplankton</i>	<i>Aphanothece sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	ND
8/15	Sand Lake - Chain O'Lakes SP	150,000	<i>Lyngbya sp.</i>	<i>Aphanizomenon flos-aquae</i>	<i>Aphanocapsa sp.</i>	ND	ND	0.11	ND
8/15	Lake Lincoln - Lincoln State Park	59,000	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	<i>Aphanizomenon sp.</i>	ND	ND	1.5	1.6
8/15	Patoka Lake – Patoka SRA Beach	250,000	<i>Planktolyngbya limnetica</i>	<i>Cylindrospermopsis raciborskii</i>	<i>Picoplankton</i>	ND	ND	ND	ND
8/15	Ferdinand State Forest Lake - Beach at Ferdinand State Forest Lake	80,000	<i>Cuspidothrix sp.</i>	<i>Aphanizomenon flos-aquae</i>	<i>Chroococcus sp.</i>	ND	ND	ND	ND
8/16	Summit Lake Reservoir - Summit Lake - State Park	84,000	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	ND
8/16	Salamonie Lake - Lost Bridge West SRA	240,000	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	ND

8/16	Mississinewa Lake - Mississinewa Lake Miami SRA	170,000	<i>Raphidiopsis sp.</i>	<i>Aphanocapsa sp.</i>	<i>Planktolyngbya limnetica</i>	ND	ND	ND	ND
8/16	Worster Lake - Potato Creek State Park	750,000	<i>Pseudanabaena sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Merismopedia sp.</i>	ND	ND	ND	ND
8/8	Cecil M. Harden Lake – Raccoon Lake SRA	2,700,000	<i>Pseudanabaena sp.</i>	<i>Raphidiopsis sp.</i>	<i>Planktolyngbya limnetica</i>	ND	ND	ND	ND
8/8	Cagles Mill Lake - Cagles Mill Lake Beach	970,000	<i>Merismopedia sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	ND
8/8	Monroe Lake - Paynetown SRA	540,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	<i>Picoplankton</i>	ND	ND	ND	ND
8/8	Monroe Lake - Fairfax SRA	550,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	<i>Picoplankton</i>	ND	ND	ND	ND
8/8	Starve Hollow Lake - Starve Hollow SRA	120,000	<i>Aphanocapsa sp.</i>	<i>Aphanizomenon sp.</i>	<i>Merismopedia sp.</i>	ND	ND	0.18	NR
8/9	Deam Lake – Deam Lake SRA	5,700	<i>Chroococcus sp.</i>	<i>Picoplankton</i>		ND	ND	ND	NR
8/9	Hardy Lake - Hardy Lake SRA	555,000	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	ND	0.64	ND	ND
8/9	Brookville Lake - Mounds SRA	150,000	<i>Picoplankton</i>	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	NR
8/9	Brookville Lake – Quakertown SRA	160,000	<i>Merismopedia sp.</i>	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	ND	ND	ND	NR
8/9	Whitewater Lake - Whitewater Memorial SP	1,100,000	<i>Planktolyngbya limnetica</i>	<i>Pseudanabaena sp.</i>	<i>Raphidiopsis sp.</i>	ND	ND	ND	ND
8/1	Kunkel Lake - Kunkel Beach @ Ouabache State Park	79,500	<i>Aphanizomenon sp.</i>	<i>Aphanocapsa sp.</i>	<i>Dolichospermum sp.</i>	ND	ND	0.35	ND
8/1	Lake James - Pokagon State Park	57,000	<i>Aphanocapsa sp.</i>	<i>Chroococcus sp.</i>	<i>Picoplankton</i>	ND	ND	ND	NR
8/1	Lake James - Potawatomi Inn's Beach	47,000	<i>Aphanothece sp.</i>	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	ND	ND	ND	NR
8/1	Sand Lake - Chain O'Lakes SP	140,000	<i>Aphanocapsa sp.</i>	<i>Aphanothece sp.</i>	<i>Aphanizomenon sp.</i>	ND	ND	0.069	ND
8/1	Patoka Lake – Patoka SRA Beach	320,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	<i>Picoplankton</i>	ND	ND	ND	NR
8/2	Worster Lake - Potato Creek State Park	660,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	<i>Planktothrix agardhii</i>	ND	ND	ND	ND
8/2	Salamonie Lake - Lost Bridge West SRA	240,000	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	ND
8/2	Mississinewa Lake - Mississinewa Lake Miami SRA	190,000	<i>Aphanocapsa sp.</i>	<i>Merismopedia sp.</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	ND
7/25	Cecil M. Harden Lake – Raccoon Lake SRA	1,800,000	<i>Pseudanabaena sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Raphidiopsis sp.</i>	ND	ND	ND	ND
7/25	Cagles Mill Lake - Cagles Mill Lake Beach	1,300,000	<i>Raphidiopsis sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Cylindrospermopsis raciborskii</i>	0.33	ND	ND	ND
7/25	Monroe Lake - Paynetown SRA	600,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	<i>Picoplankton</i>	ND	ND	ND	ND
7/25	Monroe Lake - Fairfax SRA	480,000	<i>Planktolyngbya limnetica</i>	<i>Cylindrospermopsis raciborskii</i>	<i>Picoplankton</i>	ND	ND	ND	ND
7/26	Whitewater Lake - Whitewater Memorial SP	2,800,000	<i>Pseudanabaena sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Raphidiopsis sp.</i>	ND	ND	ND	ND
7/26	Brookville Lake - Mounds SRA	110,000	<i>Picoplankton</i>	<i>Aphanocapsa sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	ND
7/26	Brookville Lake – Quakertown SRA	120,000	<i>Merismopedia sp.</i>	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	ND	ND	ND	ND
7/26	Hardy Lake - Hardy Lake SRA	450,000	<i>Planktolyngbya limnetica</i>	<i>Cylindrospermopsis raciborskii</i>	<i>Aphanocapsa sp.</i>	ND	0.43	ND	ND
7/18	Kunkel Lake - Kunkel Beach @ Ouabache State Park	140,000	<i>Planktothrix isoethrix</i>	<i>Dolichospermum sp.</i>	<i>Aphanizomenon sp.</i>	ND	1.2	0.097	ND
7/18	Lake James - Pokagon State Park	96,000	<i>Picoplankton</i>	<i>Aphanocapsa sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	ND
7/18	Lake James - Potawatomi Inn's Beach	88,000	<i>Picoplankton</i>	<i>Aphanocapsa sp.</i>	<i>Aphanothece sp.</i>	ND	ND	ND	ND
7/18	Sand Lake - Chain O'Lakes SP	100,000	<i>Lyngbya sp.</i>	<i>Aphanizomenon flos-aquae</i>	<i>Microcystis sp.</i>	ND	ND	ND	ND
7/18	Lake Lincoln - Lincoln State Park	26,000	<i>Microcystis sp.</i>	<i>Aphanizomenon flos-aquae</i>	<i>Picoplankton</i>	ND	ND	0.68	ND

7/18	Patoka Lake – Patoka SRA Beach	140,000	<i>Picoplankton</i>	<i>Planktolyngbya limnetica</i>	<i>Chroococcus sp.</i>	ND	ND	ND	ND
7/18	Ferdinand State Forest Lake - Beach at Ferdinand State Forest Lake	53,000	<i>Woronichinia sp.</i>	<i>Planktothrix isothrix</i>	<i>Chroococcus sp.</i>	ND	ND	ND	ND
7/19	Summit Lake Reservoir - Summit Lake - State Park	205,000	<i>Picoplankton</i>	<i>Aphanothece sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	ND
7/19	Worster Lake - Potato Creek State Park	590,000	<i>Cylindrospermopsis raciborskii</i>	<i>Planktolyngbya limnetica</i>	<i>Planktothrix sp.</i>	ND	ND	ND	ND
7/19	Salamonie Lake - Lost Bridge West SRA	220,000	<i>Planktothrix sp.</i>	<i>Aphanocapsa sp.</i>	<i>Pseudanabaena sp.</i>	0.42	ND	0.066	ND
7/19	Mississinewa Lake - Mississinewa Lake Miami SRA	160,000	<i>Pseudanabaena sp.</i>	<i>Aphanocapsa sp.</i>	<i>Microcystis sp.</i>	0.78	ND	ND	ND
7/11	Cecil M. Harden Lake – Raccoon Lake SRA	850,000	<i>Pseudanabaena sp.</i>	<i>Picoplankton</i>	<i>Aphanothece sp.</i>	ND	ND	ND	ND
7/11	Cagles Mill Lake - Cagles Mill Lake Beach	360,000	<i>Raphidiopsis sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Aphanocapsa sp.</i>	ND	ND	0.058	ND
7/11	Monroe Lake - Paynetown SRA	420,000	<i>Planktolyngbya limnetica</i>	<i>Cylindrospermopsis raciborskii</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	ND
7/11	Monroe Lake - Fairfax SRA	320,000	<i>Planktolyngbya limnetica</i>	<i>Cylindrospermopsis raciborskii</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	ND
7/11	Starve Hollow Lake - Starve Hollow SRA	64,000	<i>Merismopedia sp.</i>	<i>Aphanocapsa sp.</i>	<i>Aphanothece sp.</i>	0.60	ND	0.064	ND
7/12	Deam Lake – Deam Lake SRA	18,000	<i>Merismopedia sp.</i>	<i>Aphanothece sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	ND
7/12	Hardy Lake - Hardy Lake SRA	390,000	<i>Planktolyngbya limnetica</i>	<i>Aphanizomenon sp.</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	ND
7/12	Brookville Lake - Mounds SRA	160,000	<i>Picoplankton</i>	<i>Pseudanabaena sp.</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	ND
7/12	Brookville Lake – Quakertown SRA	360,000	<i>Pseudanabaena sp.</i>	<i>Picoplankton</i>	<i>Merismopedia sp.</i>	ND	ND	ND	ND
7/12	Whitewater Lake - Whitewater Memorial SP	1,500,000	<i>Pseudanabaena sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Raphidiopsis sp.</i>	ND	ND	ND	ND
7/5	Salamonie Lake - Lost Bridge West SRA	NR				0.58	ND	ND	NR
7/5	Mississinewa Lake - Mississinewa Lake Miami SRA	NR				3.35	ND	ND	NR
7/5	Worster Lake - Potato Creek State Park	NR				ND	ND	ND	NR
6/27	Hardy Lake - Hardy Lake SRA	NR				ND	ND	ND	NR
6/27	Cecil M. Harden Lake – Raccoon Lake SRA	NR				ND	ND	ND	NR
6/20	Kunkel Lake - Kunkel Beach @ Ouabache State Park	23,000	<i>Aphanothece sp.</i>	<i>Cuspidothrix sp.</i>	<i>Aphanocapsa sp.</i>	ND	ND	0.070	NR
6/20	Lake James - Pokagon State Park	35,000	<i>Picoplankton</i>	<i>Aphanothece sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
6/20	Lake James - Potawatomi Inn's Beach	45,000	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	<i>Merismopedia sp.</i>	ND	ND	ND	NR
6/20	Sand Lake - Chain O'Lakes SP	35,000	<i>Aphanizomenon flos-aquae</i>	<i>Aphanizomenon sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
6/20	Lake Lincoln - Lincoln State Park	7,500	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
6/20	Patoka Lake – Patoka SRA Beach	190,000	<i>Picoplankton</i>	<i>Aphanizomenon flos-aquae</i>	<i>Unknown trichome</i>	ND	ND	ND	NR
6/20	Ferdinand State Forest Lake - Beach at Ferdinand State Forest Lake	40,000	<i>Aphanizomenon flos-aquae</i>	<i>Dolichospermum sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
6/21	Summit Lake Reservoir - Summit Lake - State Park	47,000	<i>Picoplankton</i>	<i>Chroococcus sp.</i>		ND	ND	ND	NR
6/21	Worster Lake - Potato Creek State Park	110,000	<i>Merismopedia sp.</i>	<i>Dolichospermum sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
6/21	Salamonie Lake - Lost Bridge West SRA	180,000	<i>Dolichospermum sp.</i>	<i>Cuspidothrix sp.</i>	<i>Microcystis sp.</i>	0.975	NR	NR	NR
6/21	Mississinewa Lake - Mississinewa Lake Miami SRA	110,000	<i>Dolichospermum sp.</i>	<i>Microcystis sp.</i>	<i>Aphanizomenon flos-aquae</i>	1.11	NR	NR	NR
6/13	Cecil M. Harden Lake – Raccoon Lake SRA	160,000	<i>Pseudanabaena sp.</i>	<i>Picoplankton</i>	<i>Romeria sp.</i>	ND	ND	ND	NR

6/13	Cagles Mill Lake - Cagles Mill Lake Beach	21,000	<i>Pseudanabaena sp.</i>	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	ND	ND	0.12	NR
6/13	Monroe Lake - Paynetown SRA	51,000	<i>Aphanocapsa sp.</i>	<i>Planktolyngbya limnetica</i>	<i>Merismopedia sp.</i>	ND	ND	ND	NR
6/13	Monroe Lake - Fairfax SRA	18,000	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
6/13	Starve Hollow Lake - Starve Hollow SRA	35,000	<i>Aphanizomenon flos-aquae</i>	<i>Aphanizomenon sp.</i>	<i>Aphanocapsa sp.</i>	ND	ND	0.19	NR
6/14	Deam Lake – Deam Lake SRA	57,000	<i>Merismopedia sp.</i>	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	ND	ND	ND	NR
6/14	Hardy Lake - Hardy Lake SRA	180,000	<i>Aphanizomenon flos-aquae</i>	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	ND	ND	ND	NR
6/14	Brookville Lake - Mounds SRA	32,000	<i>Aphanizomenon flos-aquae</i>	<i>Picoplankton</i>	<i>Romeria sp.</i>	ND	ND	ND	NR
6/14	Brookville Lake – Quakertown SRA	4,8000	<i>Chroococcus sp.</i>	<i>Picoplankton</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	NR
6/14	Whitewater Lake - Whitewater Memorial SP	52,000	<i>Romeria sp.</i>	<i>Pseudanabaena sp.</i>	<i>Raphidiopsis sp.</i>	ND	ND	ND	NR
6/6	Ferdinand State Forest Lake - Beach at Ferdinand State Forest Lake	17,000	<i>Aphanocapsa sp.</i>	<i>Aphanizomenon flos-aquae</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
5/31	Cecil M. Harden Lake – Raccoon Lake SRA	68,500	<i>Pseudanabaena sp.</i>	<i>Romeria sp.</i>	<i>Picoplankton</i>	ND	ND	ND	NR
5/31	Whitewater Lake - Whitewater Memorial SP	59,000	<i>Pseudanabaena sp.</i>	<i>Aphanocapsa sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
5/24	Summit Lake Reservoir - Summit Lake - State Park	6,800	<i>Picoplankton</i>			ND	ND	ND	NR
5/24	Kunkel Lake - Kunkel Beach @ Ouabache State Park	3,200	<i>Picoplankton</i>	<i>Chroococcus sp.</i>		ND	ND	ND	NR
5/23	Lake James - Pokagon State Park	2,300	<i>Picoplankton</i>	<i>Chroococcus sp.</i>		ND	ND	ND	NR
5/23	Lake James - Potawatomi Inn's Beach	5,500	<i>Picoplankton</i>	<i>Chroococcus sp.</i>		ND	ND	ND	NR
5/23	Sand Lake - Chain O'Lakes SP	3,500	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	<i>Aphanizomenon sp.</i>	ND	ND	ND	NR
5/23	Worster Lake - Potato Creek State Park	24,000	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
5/24	Salamonie Lake - Lost Bridge West SRA	4,650	<i>Picoplankton</i>	<i>Chroococcus sp.</i>		ND	ND	ND	NR
5/24	Mississinewa Lake - Mississinewa Lake Miami SRA	4,400	<i>Chroococcus sp.</i>	<i>Picoplankton</i>		ND	ND	ND	NR
5/23	Lake Lincoln - Lincoln State Park	4,800	<i>Chroococcus sp.</i>	<i>Picoplankton</i>	<i>Dolichospermum sp.</i>	ND	ND	ND	NR
5/23	Ferdinand State Forest Lake - Beach at Ferdinand State Forest Lake	170,000	<i>Dolichospermum sp.</i>	<i>Aphanocapsa sp.</i>	<i>Aphanizomenon flos-aquae</i>	ND	ND	ND	NR
5/23	Patoka Lake - Patoka SRA Beach	100,000	<i>Picoplankton</i>	<i>Pseudanabaena sp.</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
5/16	Cecil M. Harden Lake – Raccoon Lake SRA	105,000	<i>Pseudanabaena sp.</i>	<i>Merismopedia sp.</i>	<i>Cyanodictyon sp.</i>	ND	ND	ND	NR
5/16	Cagles Mill Lake - Cagles Mill Lake Beach	3,200	<i>Picoplankton</i>	<i>Chroococcus sp.</i>		ND	ND	ND	NR
5/16	Monroe Lake - Paynetown SRA	15,000	<i>Aphanizomenon flos-aquae</i>	<i>Aphanocapsa sp.</i>	<i>Picoplankton</i>	ND	ND	ND	NR
5/16	Monroe Lake - Fairfax SRA	9,400	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	<i>Aphanizomenon sp.</i>	ND	ND	ND	NR
5/16	Starve Hollow Lake - Starve Hollow SRA	32,000	<i>Pseudanabaena sp.</i>	<i>Merismopedia sp.</i>	<i>Raphidiopsis sp.</i>	ND	ND	ND	NR
5/17	Deam Lake – Deam Lake SRA	22,000	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	NR

5/17	Hardy Lake - Hardy Lake SRA	34,000	<i>Aphanocapsa sp.</i>	<i>Aphanizomenon flos-aquae</i>	<i>Picoplankton</i>	ND	ND	ND	NR
5/17	Brookville Lake - Mounds SRA	5,600	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	<i>Pseudanabaena sp.</i>	ND	ND	ND	NR
5/17	Brookville Lake – Quakertown SRA	49,000	<i>Pseudanabaena sp.</i>	<i>Picoplankton</i>	<i>Chroococcus sp.</i>	ND	ND	ND	NR
5/17	Whitewater Lake - Whitewater Memorial SP	470,000	<i>Pseudanabaena sp.</i>	<i>Merismopedia sp.</i>	<i>Aphanocapsa sp.</i>	ND	ND	ND	NR

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

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

³Saxitoxin reporting limit is 0.05 ug/l.

⁴Cylindrospermopsin 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