

IDEM Cyanophyte Cell Counts

Date:	Station ID:	Location:	Cyanophytes (cells/mL):	Dominant species:	Dominant Species count:	% Dom. Species:
6/20/2011	AB04037	Whitewater Lake	35,720	Aphanizomenon	31,360	87.8
6/20/2011	AB04038	Hardy Lake	23,440	Aphanocapsa	16,000	68.3
6/20/2011	AB04044	Whitewater Lake	18,080	Aphanizomenon	15,680	86.7
6/21/2011	AB04039	Raccoon Lake	27,361	Aphanocapsa	18,400	67.2
6/21/2011	AB04040	Paynetown	46,960	Aphanizomenon	27,720	59.0
6/21/2011	AB04041	Hardin Ridge	48,200	Aphanizomenon	34,400	71.4
6/21/2011	AB04042	Fairfax	39,000	Aphanizomenon	14,400	36.9
6/22/2011	AB04036	Summit Lake	31,400	Aphanizomenon	22,400	71.3
6/27/2011	AB04046	Salamonie Reservoir	1,800	Microcystis	1,200	66.7
6/27/2011	AB04047	Sand Lake	162,800	Aphanizomenon	160,000	98.3
6/27/2011	AB04048	Long Lake	20,960	Aphanizomenon	20,160	96.2
6/27/2011	AB04049	Lake James	1,880	Synechocystis	1,000	53.2
6/28/2011	AB04050	Lake Mississinewa	15,850	Anabaena	14,050	88.6
6/28/2011	AB04051	Worster Lake	81,240	Aphanizomenon	25,280	31.1
7/11/2011	AB04253	Worster Lake	113,260	Cylindrospermopsis	40,800	36.0
7/11/2011	AB04254	Sand Lake	17,200	Aphanizomenon	10,500	61.0
7/18/2011	AB04266	Summit Lake	52,400	Aphanocapsa	30,400	58.0
7/18/2011	AB04267	Whitewater Lake	134,400	Merismopedia	89,600	66.7
7/18/2011	AB04268	Hardy Lake	165,740	Planktolyngbya	92,000	55.5
7/19/2011	AB04269	Cecil M Harden	132,460	Aphanocapsa	63,200	47.7
7/19/2011	AB04270	Paynetown	110,240	Planktolyngbya	56,000	50.8
7/19/2011	AB04271	Hardin Ridge	46,920	Pseudanabaena	19,000	40.5
7/19/2011	AB04272	Fairfax	65,360	Planktolyngbya	23,000	35.2
7/25/2011	AB04368	Salamonie Reservoir	47,760	Anabaena	42,560	89.1
7/25/2011	AB04369	Sand Lake	22,560	Aphanothece	7,200	31.9
7/25/2011	AB04370	Long Lake	7,080	Synechocystis	5,000	70.6
7/25/2011	AB04371	Lake James	5,560	Aphanocapsa	2,240	40.3
7/26/2011	AB04372	Lake Mississinewa	10,200	Pseudanabaena	5,000	49.0
7/26/2011	AB04373	Worster Lake	798,140	Cylindrospermopsis	460,000	57.6
8/1/2011	AB04539	Whitewater Lake	29,000	Aphanocapsa	8,480	29.2

8/1/2011	AB04540	Hardy Lake	214,530	Planktolyngbya	110,000	51.3
8/2/2011	AB04541	Cecil M Harden	389,340	Raphidiopsis	91,000	23.4
8/2/2011	AB04542	Paynetown	604,400	Cylindrospermopsis	368,000	60.9
8/8/2011	AB04640	Worster Lake	476,720	Cylindrospermopsis	248,000	52.0
8/15/2011	AB04732	Summit Lake	12,280	Aphanizomenon	6,400	52.1
8/15/2011	AB04733	Whitewater Lake	29,200	Anabaena	16,240	55.6
8/15/2011	AB04734	Hardy Lake	164,820	Planktolyngbya	68,000	41.3
8/16/2011	AB04735	Cecil M Harden	486,240	Pseudanabaena	304,000	62.5
8/16/2011	AB04736	Paynetown	599,160	Cylindrospermopsis	552,000	92.1
8/16/2011	AB04737	Hardin Ridge	537,560	Cylindrospermopsis	492,000	91.5
8/16/2011	AB04738	Fairfax	526,000	Cylindrospermopsis	472,000	89.7
8/22/2011	AB04804	Salamonie Reservoir	307,600	Cylindrospermopsis	218,000	70.9
8/22/2011	AB04805	Sand Lake	23,600	Aphanizomenon	18,000	76.3
8/22/2011	AB04806	Long Lake	94,160	Aphanizomenon	68,000	72.2
8/22/2011	AB04807	Lake James	6,360	Synechocystis	3,000	47.2
8/23/2011	AB04808	Lake Mississinewa	79,800	Planktolyngbya	38,000	47.6
8/23/2011	AB04809	Worster Lake	428,740	Cylindrospermopsis	196,000	45.7
8/29/2011	AB05065	Paynetown	541,800	Cylindrospermopsis	520,000	96.0
8/29/2011	AB05066	Hardin Ridge	777,720	Cylindrospermopsis	760,000	97.7
8/29/2011	AB05067	Fairfax	670,500	Cylindrospermopsis	606,000	90.4
8/29/2011	AB05064	Cecil M Harden	446,160	Pseudanabaena	188,000	42.1
8/30/2011	AB05058	Worster Lake	637,000	Cylindrospermopsis	396,000	62.2
8/30/2011	AB05053	Salamonie Reservoir	481,880	Cylindrospermopsis	168,000	34.9
8/31/2011	AB05063	Hardy Lake	192,040	Planktolyngbya	100,000	52.1