

Lake Camelot Water Testing Results 2007 – 2009

Total Phosphorus (micrograms/liter)

Site	5/25/07	7/17/07	9/11/07	10/17/07	5/22/08	6/19/08	7/22/08	8/20/08	5/28/09	7/1/09	7/30/09	9/9/09
#8-County D Bridge	.017	.043	.022	.073	.033	.06	.036	.049	.023	.019	.021	.026
#9-North mouth channel	.018	.024	.077	.034	.030	.057	.019	.026	.025	.022	.023	.029
#10-Middle Upper Lake	.013	.024	.022	.014	.022	.075	.021	.018	.024	.019	.021	.022
#11-Upper Camelot Dam	.015	.029		.020	.022	.022	.024	.056	.020	.020	.017	.013
#12-South mouth channel	.016	.041	.166	.062	.023	.031	.016	.017	.022	.015	.021	.030
#13-Lower Camelot Dam	.012	.038		.046	.021	.043	.020	.022	.026	.024	.015	.025
#14-Middle Lower Lake	.026	.037	.047	.066	.019	.048	.014	.017	.024	.022	.025	.033
#15-8 th Avenue Bridge	.089	.054	.405	.036	.089	.036	.021	.023	.043	.068	.021	.023

Chlorophyll-A (milligrams/liter)

Site	5/25/07	7/17/07	9/11/07	10/17/07	6/19/08	7/22/08	8/29/08	7/1/09	7/30/09	9/9/09
#8-County D Bridge	4		20		24		16	7.19	6.67	17.3
#9-North mouth channel	13		46		21		19	13.9	7.94	16.8
#10-Middle Upper Lake	3		12		21		21	5.11	8.38	18.5
#11-Upper Camelot Dam	6		10.1	10.9	12.8	13.5	9.81	10.8	6.83	12.4
#12-South mouth channel	4		36		4		8		8.94	27.3
#13-Lower Camelot Dam	6		24.9	36	7.83	3.71	8.77		8.07	21.4
#14-Middle Lower Lake	4		46		8		9		8.74	25.3
#15-8 th Avenue Bridge	6		55		2		9		3.66	3.11

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Site	5/25/07	7/17/07	9/11/07	10/17/07	5/22/08	6/19/08	7/22/08	8/20/08	5/28/09	7/1/09	9/9/09
#8-County D Bridge	7.5	6.3	4.5	4	7	4.6	5.8	4.3	6.3	6.25	4.8
#9-North mouth channel	7	5.7	3.6	2.9	6	4.6	5.9	5.7	6	7	5.8
#10-Middle Upper Lake	6	4.8	5.3	5.6	5.2	5.9	4.5	3.9	9	7.25	1.8
#11-Upper Camelot Dam	7.8	5.5	6	6.5	6	7.9	4.75	3.5	5.8	8	6.2
#12-South mouth channel	8.2	3.25	2	2.9	6.25	5	11.5	6	6.3	6.5	5.5
#13-Lower Camelot Dam	9	3.4	3.4	3	6.3	4.9	11	6.1	8	7	5
#14-Middle Lower Lake	7.8	3.25	3.2	3	5.8	4.9	7.8	5.8	4.8	6	4.5
#15-8 th Avenue Bridge	3.5	3.4	2.4	5.1	5	4	4.9	5	4	5.5	4.75

Temperature Readings

Site	Depth	5/22/08	7/22/08	8/20/08	5/28/09	7/1/09	9/9/09			
#8-County D Bridge	Surface	60.9	76.4	74.8	62.7	69.8	71.6			
	5'	60.4	76.2	74.6	65.4	69.6	71.9			
	10'				62.6					
#9-North mouth channel	Surface	61.1	76.0	74.4	64.4	69	71.4			
	5'	60.2	75.2	73.3	64	76.6	69			
	7'					69				
#10-Middle Upper Lake	Surface	60.9	76.8	75.0	64.7	70.3	73.7			
	5'	60.4	76.6	74.8	62.4	70.1	74.4			
	10'	59.3	76.2	74.4	64.2	70.1				
	15'				62.9					
#11-Upper Camelot Dam	Surface	60.2	76.4	75.5	64.2	70.1	72.6			
	5'	60.2	76.4	75.5	61.5	70.1	71.6			
	10'	60.2	76.2	75.2	62	69.9	70.8			
	15'	59.3	72.8	73.4	64.2	69.6	68			
	20'	59.9	69.2	71.4	64.5	64	67.4			
	25'				61.1		67.2			
#12-South mouth channel	Surface	59.7	75.9	74.1		69.4	72.6			
	5'	59.5	75.7	74.1		69.6	70.7			
	10'	59.3	74.4	73.7		69	68.3			
#13-Lower Camelot Dam	Surface	59.3	75.5	74.3	65.6	67.2	72.1			
	5'	59.0	75.3	74.3	62.4	69.2	70.8			
	10'	58.8	75.2	74.1	64.5	69.2	68.3			
	15'	57.9	71.6	73.5	62.6	68.7	66.5			
	20'	56.1	69.2	69.0		60.8	64.4			
#14-Middle Lower Lake	Surface	60.0	75.5	73.7		68.9	70.7			
	5'	58.8	75.2	73.4		69	69.4			
	10'	58.2	73.4	73.2		69				
#15-8 th Avenue Bridge	Surface	60.0	74.6	70.5		60.8	72.8			
	5'	56.4	64.9	67.8		60	64.4			

Dissolved Oxygen

Site	Depth	7/22/08	8/20/08							
#8-County D Bridge	Surface	12.88	10.37							
	5'	12.48	10.12							
#9-North mouth channel	Surface	13.07	10.01							
	5'	12.77	9.83							
#10-Middle Upper Lake	Surface	12.75	8.85							
	5'	12.34	8.54							
	10'	11.99	8.46							
#11-Upper Camelot Dam	Surface	11.69	15.08							
	5'	11.66	13.66							
	10'	11.39	9.19							
	15'	10.40	8.18							
	20'	5.08	7.14							
#12-South mouth channel	Surface	8.61	10.86							
	5'	8.47	10.85							
	10'	8.41	10.79							
#13-Lower Camelot Dam	Surface	8.09	10.91							
	5'	8.04	10.73							
	10'	7.56	9.92							
	15'	5.47	8.85							
	20'	3.07	1.35							
#14-Middle Lower Lake	Surface	8.88	11.08							
	5'	8.66	10.57							
	10'	7.37	10.22							
#15-8th Avenue Bridge	Surface	8.19	9.76							
	5'	7.54	9.59							