

ALTOONA LAKE DISTRICT  
WATER TESTING RESULTS

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8/28/12

NOTES: VERY DRY, WARM SUMMER. VERY LITTLE RAIN THIS MONTH  
NO FLUSHING, NO TURNOVER. LAKE VERY GREEN.

DATE	REFERENCE									
	8/28/2012	8/15/11	8/23/10	8/2/09	7/31/08	9/17/07				
TIME	2:45 PM	2:50 PM	2:55 PM	08:50 AM	09:45 AM	08:10AM	08/30 AM	10:45 AM		
LOCATION	#7 MIDLAKE - DEPTH 16.5 FT.									
TEST	UNITS									
AIR TEMP	DEG. C	22			20	29	17	24.5	20	
SECCHI DISH	FT	2			2.8	3	2.7	2	2.6	
<b>SAMPLE DEPTH</b>	<b>FT</b>	<b>5</b>	<b>10</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	
WATER TEMP	DEG. C	24.5	24	24	24	25	22	26	16	
DISSOLVED OXY	PPM	10	7.8	2.8	5.5	3.3	6	2.7	8.2	
CARBON DIOXIDE	PPM	0	13	23	21.8	21.8	16	9	12	
pH	PH	9.8	9.1	7	6.8	6.6	6.6	6.9	7.3	
ACIDITY TOT.	PPM	0	17	25	24	23.2	15.8	12	17	
ALKALINITY PHEN.	PPM	8.3	0	0	0	0	0	0	0	
" TOTAL	PPM	27	28	33	29	28.2	33	22	27	
HARDNESS	PPM	40	41	44	46	44	32	48	38	
SULFATE	PPM	2	1	0	0	1	0	0	8	
PHOSPHATE	PPM	0.05	0.1	0.3	0.32	0.47	0.16	1.15	0.9	
PHOSPHORUS	PPM	<b>0.02</b>	<b>0.03</b>	<b>0.1</b>	<b>0.1</b>	<b>0.15</b>	<b>0.05</b>	<b>0.37</b>	<b>0.3</b>	
NITRATE	PPM	<b>0.5</b>	<b>0.3</b>	<b>1</b>	<b>1</b>	<b>0.1</b>	<b>0</b>	<b>1</b>	<b>0.4</b>	
NITRITE	PPM	0	0	0	0	0	0.001	0.002	0.04	
CALC.CARBONATE	PPM	25	24	24	26.1	23	18	27	21	
CALCIUM	PPM	10	9.4	9.4	8.7	9.2	7.2	10.8	8.4	
IRON	PPM	0.31	0.32	0.67	0.95	1.2	0.9	1.2	0.37	

ZEBRA MUSSEL RESULTS: **NONE FOUND AT TEST STATIONS**