



OCEPD Adopt-A-Lake Quarterly Report

Sample Location: AAL36S-Lake Fairview South Lobe	F.A.C. 62-302.530
Date Sampled: 1/9/2012 2/28/2012 3/15/2012 4/11/2012	Class III Criteria
Date Reported: 12/31/2012 12/31/2012 12/31/2012 12/31/2012	

Field					
Temperature (C)	19	22	23	26	n/a
Dissolved Oxygen (mg/L)	8.4	7.2	7.4	8	>5
pH	7.6	7.4	7.8	8.4	6-8.5
Secchi Depth (m)	1	1	1	1	n/a
Total Depth (m)	ND*	ND*	ND*	ND*	n/a
Biological					
Fecal Coliform (CFU/100mL)	48	116	49	11	800
Chlorophyll a (µg/L)	12	7		18.8	20
Corrected Chlorophyll a (µg/L)	10.7	6.4		13.8	20
Wet Chemistry					
Alkalinity (mg/L)	75	72	72	73	>20
Chloride (mg/L)	11.3	12.6	13.4	14.3	n/a
Nitrate/Nitrite (mg/L)	0.054	0.017	0.005	0.006	**
Sulfate (mg/L)	8.73	8.91	8.72	8.63	n/a
Total Kjeldahl Nitrogen (mg/L)	0.67	0.5	0.56	0.82	**
Total Nitrogen (mg/L)	0.72	0.52	0.56	0.82	**
Total Phosphorus (mg/L)	0.027	0.008	0.02	0.02	**
Metals					
Calcium (mg/L)	29	26	26	30	n/a
Magnesium (mg/L)	2.6	2.4	2.4	2.5	n/a
Hardness (mg/L)	84	74	75	84	n/a

**proposed values for nutrient criteria to be adopted by FDEP in 2013

ND=No Data,n/a=not applicable
U- Below Detection Limit
I- between the MDL and PQL

*****This is an unofficial summary report. Contact OCEPD for official reports at 407-836-1456.**