



OCEPD Adopt-A-Lake Quarterly Report

Sample Location: AAL72-Lake Butler NE Cove

F.A.C. 62-302.530

Date Sampled: 11/05/12

Date Reported: 12/17/12

Class III Criteria

Field

Temperature (C)	21	n/a
Dissolved Oxygen (mg/L)	7.6	>5
pH	7.5	6-8.5
Secchi Depth (m)	ND	n/a
Total Depth (m)	ND	n/a

Biological

Fecal Coliform (CFU/100mL)	1U	800
Chlorophyll a (µg/L)	5.0 I	20
Corrected Chlorophyll a (µg/L)	4.9 I	20

Wet Chemistry

Alkalinity (mg/L)	23	>20
Chloride (mg/L)	38.7	n/a
Nitrate/Nitrite (mg/L)	0.005	**
Sulfate (mg/L)	39.9	n/a
Total Kjeldahl Nitrogen (mg/L)	0.77	**
Total Nitrogen (mg/L)	0.77	1.05-1.91**
Total Phosphorus (mg/L)	0.011	0.03-0.09**

Metals

Calcium (mg/L)	11	n/a
Magnesium (mg/L)	8	n/a
Hardness (mg/L)	59	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.