



## OCEPD Adopt-A-Lake Quarterly Report

<b>Sample Location:</b> AAL72-Lake Butler NE Cove	<b>F.A.C. 62-302.530</b>
<b>Date Sampled:</b> 11/5/2012      12/4/2012	<b>Class III Criteria</b>
<b>Date Reported:</b> 12/17/2012      2/4/2013	

<b>Field</b>			
Temperature ( C)	21	18	n/a
Dissolved Oxygen (mg/L)	7.6	6.6	>5
pH	7.5	7.5	6-8.5
Secchi Depth (m)	ND	ND	n/a
Total Depth (m)	ND	ND	n/a
<b>Biological</b>			
Fecal Coliform (CFU/100mL)	1U	38	800
Chlorophyll a (µg/L)	5.0 l	3.3	20
Corrected Chlorophyll a (µg/L)	4.9 l	2.9	20
<b>Wet Chemistry</b>			
Alkalinity (mg/L)	23	18	>20
Chloride (mg/L)	38.7	39	n/a
Nitrate/Nitrite (mg/L)	0.005	0.011	**
Sulfate (mg/L)	39.9	40	n/a
Total Kjeldahl Nitrogen (mg/L)	0.77	0.59	**
Total Nitrogen (mg/L)	0.77	0.6	1.05-1.91**
Total Phosphorus (mg/L)	0.011	0.012	0.03-0.09**
<b>Metals</b>			
Calcium (mg/L)	11	12	n/a
Magnesium (mg/L)	8	8.6	n/a
Hardness (mg/L)	59	64	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  
 l- between the MDL and PQL

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