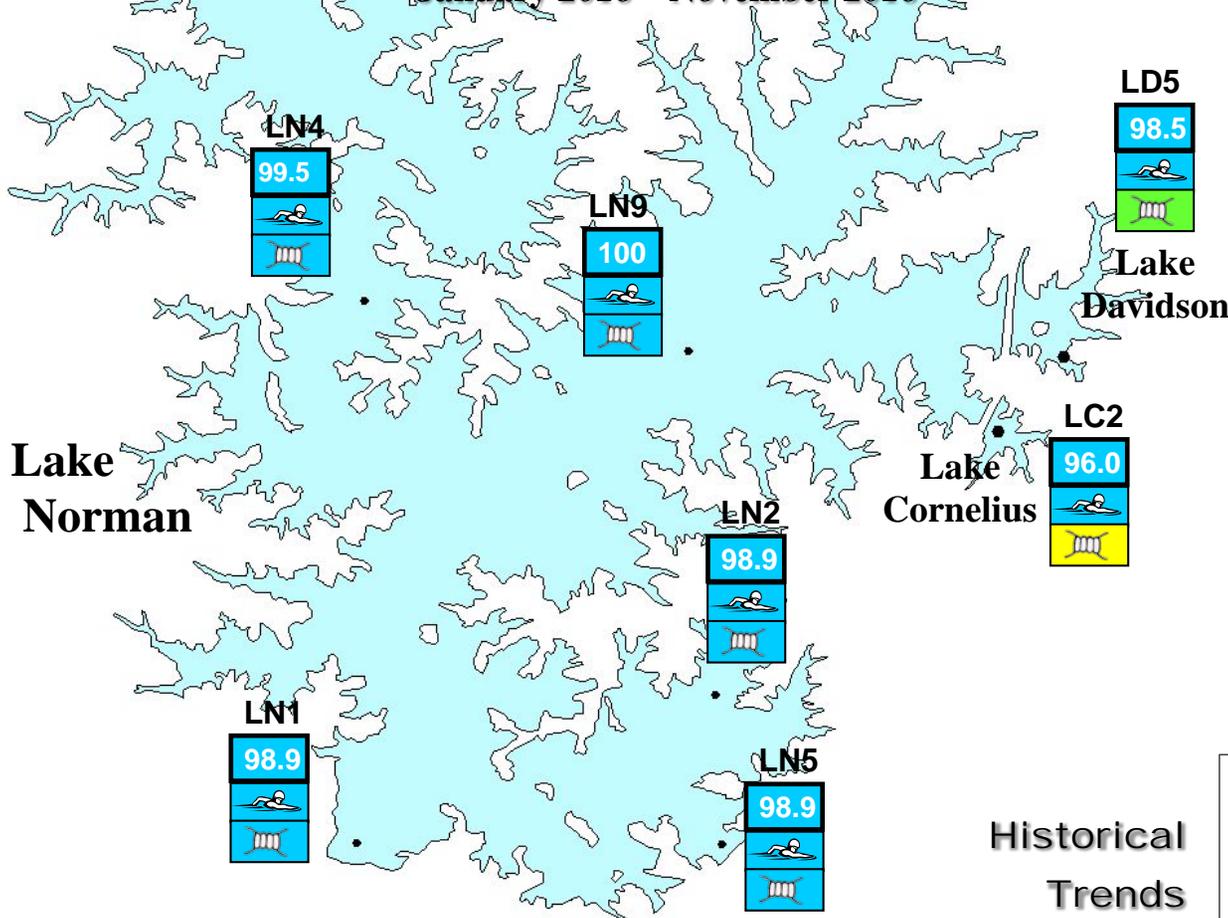




Lower Lake Norman Area Water Quality Report – November 2016

Past Year

Lake Use Support Index January 2016 – November 2016



LUSI
Key:



Lake Use Support Index (Overall Water Quality)

----- Key Subindicies -----



Swimmable (Fecal coliform bacteria)



Ecological Health
(NC Trophic State Index)

(Not shown: Metals, Turbidity, Field Parameters)

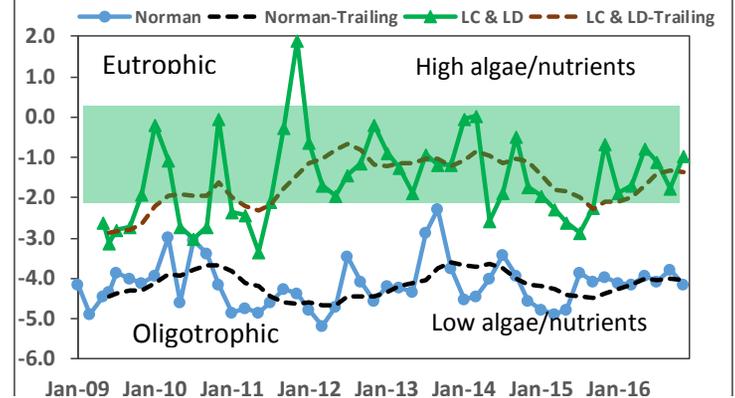
Supporting +	95-100
Supporting	90-95
Partially Supporting	70-90
Impaired	50-70
Degraded	0-50

Data used for calculations were collected by Charlotte-Mecklenburg Storm Water Services at individual sites every other month (January, March, May, July, Sept., Nov.)

Current Month Results

Site	Date	Fecal Coliform col./100 ml.	E. coli MPN/100 ml	NC WQ Standards Violations?
LN1	11/2	2	2	NO
LN2	11/2	<1	<1	NO
LN4	11/2	2	<1	NO
LN5	11/2	2	1	NO
LN9	11/2	1	<1	NO
LC2	11/17	3	<1	NO
LD5	11/17	1	1	NO

NC Trophic State Index 2009-2016



Historical Trends

Fish Consumption Advisories

Issued by the NC Division of Public Health to protect citizens from exposure to contaminants like PCBs and mercury.



Largemouth Bass



Striped Bass

For more information visit: stormwater.charmeck.org

STATE OF THE LAKE – LOWER LAKE NORMAN

- Average temperature on 11/2/16 = **74 F**
- Lake level on 11/2/16 = **94.8** (target = **97.0**)
- Average water clarity (visibility) on 11/2/16 = **3.3 meters**

NOTABLES

~~ LOW LAKE LEVELS ~~

4 OF 6 RAMPS CLOSED AT BLYTHE LANDING ON 11/2/16

**NO ROUTINE MONITORING IN DECEMBER
NEXT ROUTINE MONITORING RUN IN JANUARY 2017**



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