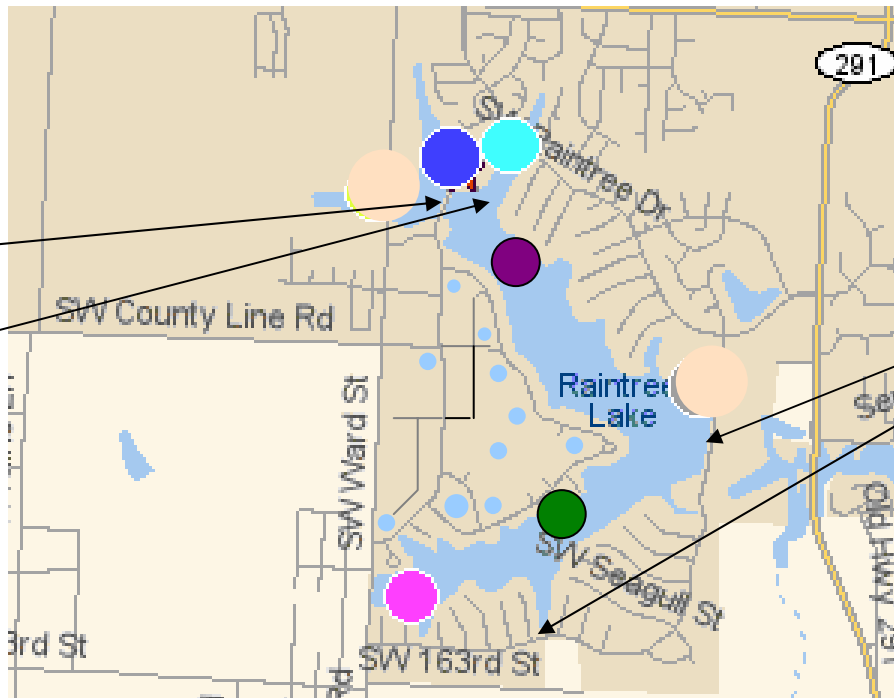


# Raintree Lake Water Quality 2008

Check the flags on the Raintree Drive overpasses by the Clubhouse for color; blue = safe; yellow = reduced speed; red = limit exposure



Check the flags on Raintree Parkway for color; blue = safe; yellow = reduced speed; red = limit exposure

*Check the flags before you swim or boat!*

*Blue = safe; Yellow = reduced speed; Red = limit exposure (bacteria)*

## 2008 E. coli Levels (culturing takes 48 hours; CFUs/100mL)

Black = desirable      Red = avoid exposure

Test Date	Party Cove/RT CT RT Circle	Clubhouse Swim Dock	Main Lake North	Main Lake South (Ski Course)	Sunset Cove
5/5	100	90	80	90	450
5/12	20	5	5	10	115
5/19	20	10	10	10	20
5/26	No Testing – Water Quality Within Normal Limits				
6/2	20	10	10	10	20
6/9	1,420	2,190	1,410	365	4,370
6/17	90	10	10	10	180
6/23	10	20	10	10	10
6/30	30	140	40	10	10
7/7	30	10	10	10	10
7/14	20	10	10	10	10
7/21	10	10	10	10	10
7/28	30	5	5	5	5
8/4	120	10	10	10	20
8/11	10	10	10	10	10

# Generally Accepted Water Quality Standards

## EPA Standards

Federal Register: November 16, 2004 (Volume 69, Number 220)  
40 CFR Part 131.41

E. coli:	designated beach	235CFU/100ml
	moderate full contact	298CFU/100ml
	light full contact	409CFU/100ml
	infrequent contact	575CFU/100ml

<http://www.epa.gov/fedrgstr/EPA-WATER/2004/November/Day-16/w25303.htm>

[http://www.access.gpo.gov/nara/cfr/waisidx\\_05/40cfr131\\_05.html](http://www.access.gpo.gov/nara/cfr/waisidx_05/40cfr131_05.html)

## Why Testing Is Important

Whether you get sick from the water depends on many factors; the strength of your immune system, how bad the contamination is, whether you have an open cut or wound which would serve as a possible point of bacterial infection, etc. Studies have found the percentage of illness among swimmers increased as levels rose above 400 FC/*E. Coli*. The Santa Monica study found an 88% increase in skin rash when the FC/*E. Coli* standard was exceeded.

<http://www.surfridersanmateoco.org/protocol.php>