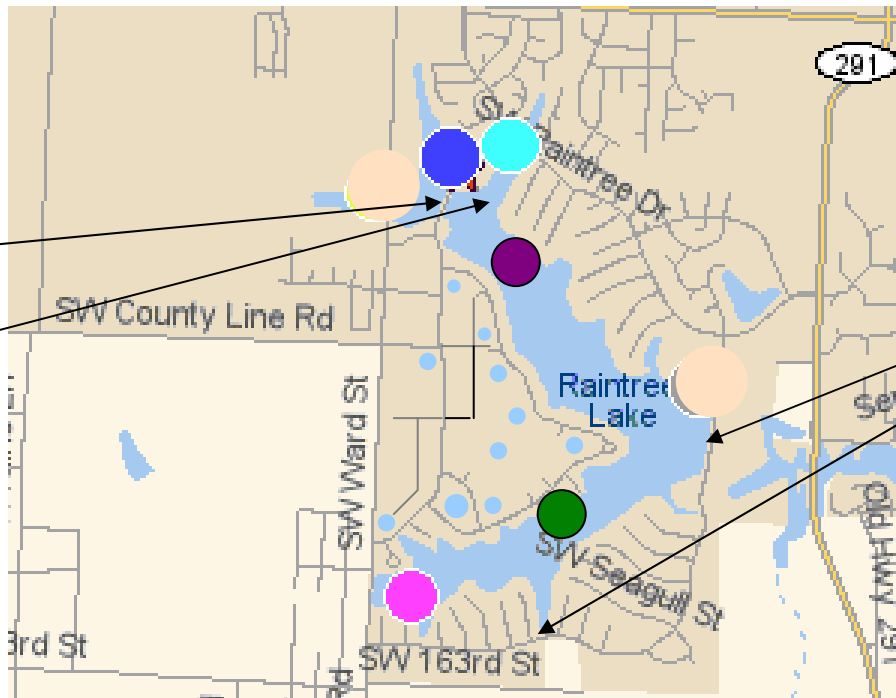


Raintree Lake Water Quality 2007

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)

2007 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	Prior Week Rainfall (in)
5/14	20		<20	<20	90	6.07
5/21	50		10	10	140	0.38
5/29	15		20	<5	95	0.49
6/4	150	210	160	150	320	3.43
6/11	30	20	10	<10	140	1.83
6/18	20	10	30	<10	40	0.58
6/25	<10	<10	<10	20	10	0.00
7/2	110	110	150	120	340	4.57
7/9	60	10	10	10	10	0.00
7/16	30	10	10	10	10	0.00
7/23	10	10	10	10	10	0.00
7/30	10	10	10	10	10	0.00
8/6	10	40	10	10	10	0.28
8/13	10	10	10	10	10	0.00
8/20	10	10	10	10	10	0.15
8/27	60	10	10	10	10	0.00
9/5	10	10	10	10	30	0.00
9/10	10	10	10	10	10	0.88
9/17	10	10	10	10	20	0.00
9/24	10	10	10	10	30	0.30

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

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>