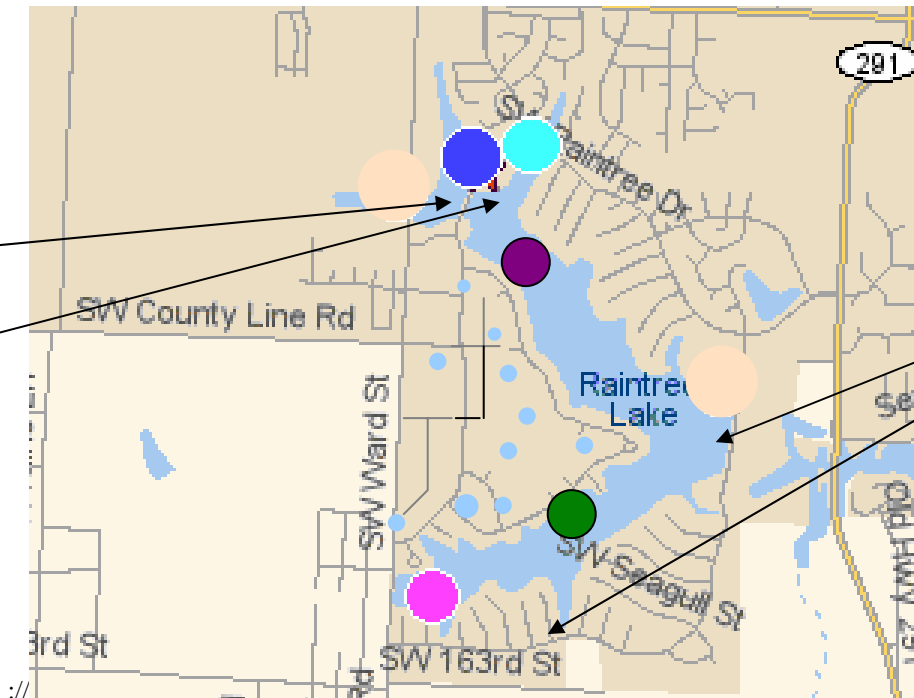


Raintree Lake Water Quality 2006

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)

2006 E. coli Levels (culturing takes 48 hours)

Black = desirable Red = avoid exposure

Test Date	Party Cove/RT CT RT Circle	Hidden Cove	Main Lake North	Main Lake South	Sunset Cove	Rainfall (in)
5/1	200	1,850	50	90	690	1.75
5/8	30	80	<10	<10	50	0.38
5/15	<10	50	<10	<10	20	0.60
5/22	<5	35	<5	<5	30	0.00
5/30	<5	45	<5	<5	45	0.83
6/5	30	150	<5	<5	115	1.33
6/12	20	47	5	<5	35	0.25
6/19	5	45	<5	10	30	0.14
6/26	90	2,220	5	15	215	1.26
7/5	15	410	5	5	50	0.90
7/10	<10	120	<10	<10	50	0.44
7/17	<10	20	10	10	30	0.34
7/24	10	<10	<10	<10	20	0.18
7/31	80	10	<10	<10	10	0.21
8/7	<10	40	<10	10	<10	0.06
8/14	90	1,080	20	10	280	0.90
8/21	<10	<10	<10	<10	10	0.32
8/28	20	360	<10	<10	90	3.67
9/5	<10	110	<10	10	10	0.09
9/11	10	580	30	10	10	0.57
9/18	20	70	<10	10	10	0.63
9/25	<10	30	<10	<10	120	0.34

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>