

mTEC Membrane Filtration Method

Monitoring Location	6/20/2006	7/5/2006	7/19/2006	8/2/2006	8/17/2006	9/15/2006	10/2/2006	GeoMean	Max
	Fecal coliform	Fecal coliform	Fecal coliform	Fecal coliform	Fecal coliform	Fecal coliform	Fecal coliform	Fecal coliform	Fecal coliform
	Number of colony forming units per 100 mL								
Great Salt Pond #1	2	26	20	-	5	<1	1	3	26
Great Salt Pond #2	<1	6000	520	3	630	50	<1	23	6000
Great Salt Pond #3	34	45	13	-	16	2	1	9	45
Great Salt Pond #4	117	33	30	-	17	4	50	27	117
BI Tributary #1	380	420	1520	-	200	68	520	346	1520
BI Tributary #2	520	960	1880	-	580	60	600	519	1880
BI Tributary #3	580	400	62	-	420	360	560	327	580
BI Tributary #4	8	570	780	-	118	44	340	136	780
BI Tributary #5	320	58	290	-	11	150	1060	145	1060
BI Tributary #6	12	-	-	-	-	-	50	24	50
BI Beach Club	-	5	5	7	-	-	-	6	7
BI Beach Club - Swim	-	-	-	40	<1	-	-	2	40

Rhode Island DEM Shellfishing standards for Great Salt Pond sites: <15 cfu / 100 m

USEPA requires tributaries to meet receiving waters standards at the point where they enter

IDEXX Multiple Well Method

Monitoring Location	6/20/2006	7/5/2006	7/19/2006	8/2/2006	8/17/2006	9/15/2006	10/2/2006	GeoMean	Max
	Enterococci	Enterococci	Enterococci	Enterococci	Enterococci	Enterococci	Enterococci	Enterococci	Enterococci
	Most Probable Number of Enterococci per 100 mL								
Great Salt Pond #1	<10	<10	<10	-	20	<10	<10	<10	<10
Great Salt Pond #2	10	64	10	10	10	<10	<10	11	64
Great Salt Pond #3	20	<10	<10	-	10	<10	<10	7	20
Great Salt Pond #4	<10	<10	10	-	<10	<10	20	7	20
BI Tributary #1	150	75	192	-	57	20	488	103	488
BI Tributary #2	87	288	222	-	120	19	272	123	288
BI Tributary #3	945	384	254	-	908	885	657	604	945
BI Tributary #4	53	64	254	-	148	16	794	108	794
BI Tributary #5	31	64	64	-	8	41	738	56	738
BI Tributary #6	504	-	-	-	-	-	20	100	504
BI Beach Club	<10	<10	<10	<10	<10	<10	<10	<10	<10
BI Beach Club - Swim	<10	<10	<10	<10	<10	<10	<10	<10	<10

Rhode Island DOH enterococci swimming standard 104 per 100 mL for salt water beaches