

## 2005 Bacteria Data: Great Salt Pond and Tributaries, fecal coliform and enterococcus

### mTEC Membrane Filtration Method

Monitoring Location	6/16/2005 Fecal coliform	6/24/2005 Fecal coliform	7/14/2005 Fecal coliform	7/19/2005 Fecal coliform	8/17/2005 Fecal coliform	9/13/2005 Fecal coliform	GeoMean Fecal coliform	Max Fecal coliform	Min Fecal coliform
	----- Number of colony forming units per 100 mL -----								
Great Salt Pond #1	< 1	-	14	-	2	2	2	14	< 1
Great Salt Pond #2	6	-	24	-	13	680	34	680	6
Great Salt Pond #3	39	-	50	-	14	< 1	11	50	< 1
Great Salt Pond #4	177	257	9	-	3	29	32	257	3
BI Tributary #1	380	-	152	-	1820	2470	714	2470	152
BI Tributary #2	480	-	220	-	360 / 950	4000	679	4000	220
BI Tributary #3	680	-	74	-	65 / 32	320	127	680	32
BI Tributary #4	140	-	60	-	-	-	92	140	60
BI Tributary #5	150	-	8	-	40 / 148	2	27	150	2
BI Tributary #6	2820	-	-	-	-	-	-	2820	-
BI Tributary #7	-	-	-	227	660	-	387	660	227
BI Tributary #8	-	-	-	6100	72	-	663	6100	72
BI Tributary #9	-	-	-	90	< 2	-	9	90	< 2
BI Tributary #10	-	-	-	28	74	-	46	74	28
BI Tributary #11	-	-	-	53	20	-	33	53	20

RI DEM Recreational contact standard (I.e. swimming) for Great Salt Pond sites: 50 cfu / 100 ml

RI DEM Shellfishing standards for Great Salt Pond sites: <15 cfu / 100 ml

RI DEM Recreational contact standard (I.e. swimming) for tributary (freshwater) sites: 200 cfu / 100 ml -  
but USEPA requires tributaries to meet receiving waters standards at the point where they enter.

### mE Membrane Filtration Method

Monitoring Location	6/16/2005 Enterococci	6/24/2005 Enterococci	7/14/2005 Enterococci	7/19/2005 Enterococci	8/17/2005 Enterococci	9/13/2005 Enterococci	GeoMean Enterococci	Max Enterococci	Min Enterococci
	----- Number of colony forming units per 100 mL -----								
Great Salt Pond #1	1	-	9	-	< 1	< 1	3	9	1
Great Salt Pond #2	6	-	1	-	< 1	3440	27	3440	1
Great Salt Pond #3	6	-	4	-	4	8	5	8	4
Great Salt Pond #4	127	24	1	-	2	28	11	127	1
BI Tributary #1	157	-	113	-	1800	600	372	1800	113
BI Tributary #2	190	-	161	-	740	330	294	740	161
BI Tributary #3	480	-	264	-	192 / 16	1080	515	1080	264
BI Tributary #4	115	-	154	-	-	-	133	154	115
BI Tributary #5	12	-	6	-	320 / 8	18	11	18	6
BI Tributary #6	660	-	-	-	-	-	660	660	660
BI Tributary #7	-	-	-	210	820	-	415	820	210
BI Tributary #8	-	-	-	700	147	-	320	700	147
BI Tributary #9	-	-	-	40	50	-	45	50	40
BI Tributary #10	-	-	-	25	77	-	44	77	25
BI Tributary #11	-	-	-	130	10	-	36	130	10

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

Rhode Island DOH enterococci standard 61 per 100 mL for freshwater beaches