

Rapaki shore sampling results

The table provides the results of sampling just off the shore in Rapaki Bay. The results are compared with recreational shellfish-gathering bacteriological guideline values set by the Ministry for the Environment (MfE), these are explained in further detail below.

Sample date	Sample time	High tide	3-5 hours after high tide?	Sampled monthly Faecal coliforms (CFU/100ml)	MfE standards*			
					Median	< 14/100ml?	% > 43 CFU/100ml annually	< 10%?
20/09/2012	12:25	7:28	YES	5	n/a			
17/10/2012	9:20	6:17	YES	1	3	YES	0%	YES
19/11/2012	13:25	9:25	YES	1	1	YES	0%	YES
14/12/2012	8:45	5:38	YES	1	1	YES	0%	YES
17/01/2013	13:25	9:51	YES	24	1	YES	0%	YES
25/02/2013	8:40	4:54	YES	8	3	YES	0%	YES
19/03/2013	14:45	5:04	NO	2	2	YES	0%	YES
26/04/2013	7:35	4:18	YES	3	2.5	YES	0%	YES
14/05/2013	11:05	7:37	YES	1	2	YES	0%	YES
25/06/2013	8:45	5:28	YES	18	2.5	YES	0%	YES
24/07/2013	8:15	5:08	YES	2	2	YES	0%	YES
26/08/2013	11:30	8:25	YES	1	2	YES	0%	YES
12/09/2013	12:35	9:33	YES	1	1.5	YES	0%	YES
7/10/2013	9:30	6:30	YES	22	2	YES	0%	YES
25/11/2013	14:30	10:08	YES	14	2.5	YES	0%	YES
9/12/2013	13:40	10:38	YES	10	5.5	YES	0%	YES
16/01/2014	8:38	5:36	YES	4	3.5	YES	0%	YES
25/02/2014	15:38	8:52	YES	3	3	YES	0%	YES
18/03/2014	9:35	12:45	YES	26	3.5	YES	0%	YES
16/04/2014	8:25	4:56	YES	10	7	YES	0%	YES
22/05/2014	13:55	10:51	YES	3	7	YES	0%	YES
23/06/2014	16:25	13:24	YES	1	3.5	YES	0%	YES
16/07/2014	10:40	7:22	YES	10	7	YES	0%	YES
27/08/2014	8:35	5:32	YES	1	7	YES	0%	YES
16/09/2014	13:23	10:20	YES	10	10	YES	0%	YES
28/10/2014	11:35	8:31	YES	5	7.5	YES	0%	YES
25/11/2014	10:20	7:19	YES	5	5	YES	0%	YES
10/12/2014	11:11	8:10	YES	43	5	YES	0%	YES
21/01/2015	8:40	5:38	YES	10	7.5	YES	0%	YES
13/02/2015	13:10	12:18	NO	11	10	YES	0%	YES
10/03/2015	8:50	8:40	NO	1	7.5	YES	0%	YES
15/04/2015	15:30	13:06	NO	6	5.5	YES	0%	YES
13/05/2015	13:00	11:55	NO	1	5.5	YES	0%	YES
12/06/2015	9:30	12:36	NO	2	5.5	YES	100%	NO

* MfE standards - refers to the standards set out in the Ministry for the Environment's Microbiological Water Quality Guidelines for Marine and Freshwater Recreational Areas (2003). The standards state that the median faecal coliform content of samples taken over a shellfish-gathering season shall not exceed a MPN of 14/100ml, and not more than 10% samples should exceed an MPN of 43/100ml (using a five-tube decimal dilution test).

Legend

BLUE <Value
RED >Value
 CFU Colony forming unit
 MPN Most probable number
 NB. MPN and CFU are comparable units