

## 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%?
9/02/2017	7:15	3:37	YES	7	9.5	YES	0%	YES
3/03/2017	15:00	9:07	NO	10	10	YES	0%	YES
26/04/2017	7:30	3:36	YES	2	10	YES	0%	YES
19/05/2017	12:10	10:45	NO	78	10	YES	8%	YES
12/06/2017	11:30	6:26	NO	2	9.5	YES	8%	YES
20/07/2017	5:30	0:49	YES	31	9.5	YES	8%	YES
9/08/2017	10:13	6:26	YES	16	9.5	YES	8%	YES
20/09/2017	8:30	4:05	YES	15	9.5	YES	8%	YES
25/10/2017	13:00	9:07	YES	5	8.5	YES	8%	YES
14/11/2017	6:30	2:00	YES	6	7.5	YES	8%	YES
13/12/2017	6:45	1:28	NO	2	7.5	YES	8%	YES
10/01/2018	4:15	0:06	YES	110	8.5	YES	16%	NO
14/02/2018	8:00	4:32	YES	1	8	YES	16%	NO
13/03/2018	NA	14:43	NA	299	10.5	YES	24%	NO
17/04/2018	21:00	17:36	YES	1	10.5	YES	24%	NO
15/05/2018	19:30	14:18	NO	2	5.5	YES	16%	NO
19/06/2018	13:30	15:00	NO	6	6	YES	16%	NO
5/07/2018	2:45	22:55	YES	4	5.5	YES	16%	NO
13/08/2018	21:00	18:00	YES	1	4.5	YES	16%	NO
7/09/2018	17:30	14:00	YES	6	4.5	YES	16%	NO
11/10/2018	11:00	6:47	YES	2	3	YES	16%	NO
5/11/2018	18:30	15:21	YES	1	2	YES	16%	NO
6/12/2018	8:50	4:28	YES	2	2	YES	16%	NO
9/01/2019		18:40	NO	7	2	YES	16%	NO
7/02/2019	10:45	7:20	YES	1	2	YES	8%	YES
6/03/2019	9:15	5:25	YES	8	2	YES	0%	YES
16/04/2019	17:35	13:36	YES	1	2	YES	0%	YES
22/05/2019	11:30	7:07	YES	1	2	YES	0%	YES
27/06/2019	16:45	12:06	YES	1	1.5	YES	0%	YES
9/07/2019	13:30	9:38	YES	1	1	YES	0%	YES
22/08/2019	12:30	9:19	YES	5	1.5	YES	0%	YES
25/09/2019	17:45	12:59	YES	2	1.5	YES	0%	YES
8/10/2019	5:30	1:33	YES	1	1	YES	0%	YES
26/11/2019	9:00	4:40	YES	4	1.5	YES	0%	YES
6/12/2019	17:00	12:15	YES	1	1	YES	0%	YES
11/01/2020		5:35	NA	35	1	YES	0%	YES
13/02/2020	11:50	7:46	YES	19	1.5	YES	0%	YES
23/03/2020	8:45	4:53	YES	46	1.5	YES	8%	YES
7/04/2020	8:01	3:14	YES	3	2.5	YES	8%	YES
19/05/2020	18:00	14:25	YES	2	2.5	YES	8%	YES

\* 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