

MICROBIOLOGICAL RESULTS FOR CASTLEROCK
BATHING WATER IN NORTHERN IRELAND

location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
CASTLEROCK	02/06/2006		400		170		130
CASTLEROCK	06/06/2006		450		39		2
CASTLEROCK	12/06/2006		30		10		46
CASTLEROCK	16/06/2006		130		35		15
CASTLEROCK	20/06/2006		100		23		9
CASTLEROCK	26/06/2006		480		52		30
CASTLEROCK	28/06/2006		50		8		5
CASTLEROCK	05/07/2006		3500		590		25
CASTLEROCK	17/07/2006		90		10		11
CASTLEROCK	21/07/2006		120		33		51
CASTLEROCK	25/07/2006		40		2		2
CASTLEROCK	31/07/2006		2400		800		400
CASTLEROCK	02/08/2006		1100		370		390
CASTLEROCK	09/08/2006		270		56		17
CASTLEROCK	11/08/2006		1800		180		14
CASTLEROCK	17/08/2006		120		12	<	1
CASTLEROCK	24/08/2006		40		8		3
CASTLEROCK	01/09/2006		360		180		22
CASTLEROCK	05/09/2006		1300		470		67
CASTLEROCK	13/09/2006		120		40		7

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
CASTLEROCK	05/06/2007		6000	<	100		210
CASTLEROCK	08/06/2007		800		160		6
CASTLEROCK	13/06/2007		200		60		24
CASTLEROCK	19/06/2007		30		5		1
CASTLEROCK	21/06/2007		40		4		4
CASTLEROCK	27/06/2007		30		6	<	1
CASTLEROCK	03/07/2007		80		11		14
CASTLEROCK	09/07/2007		230		66		13
CASTLEROCK	17/07/2007		1700		400		23
CASTLEROCK	19/07/2007		900		160		16
CASTLEROCK	25/07/2007		30		1		5
CASTLEROCK	30/07/2007		480		62		12
CASTLEROCK	03/08/2007		50		19		10
CASTLEROCK	08/08/2007		650		250		28
CASTLEROCK	13/08/2007		730		105		25
CASTLEROCK	22/08/2007		200		72		6
CASTLEROCK	28/08/2007		40		20		2
CASTLEROCK	03/09/2007		240		91		4
CASTLEROCK	10/09/2007		240		240		4
CASTLEROCK	13/09/2007		840		78		8

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
CASTLEROCK	02/06/2008		20		10		11
CASTLEROCK	06/06/2008		250		200		4
CASTLEROCK	10/06/2008		10		2	<	1
CASTLEROCK	19/06/2008		70		48		7
CASTLEROCK	25/06/2008	<	10		6		3100
CASTLEROCK	27/06/2008		10		5		2
CASTLEROCK	03/07/2008		10		8		4
CASTLEROCK	07/07/2008		340		106		7
CASTLEROCK	16/07/2008		110		46		2
CASTLEROCK	21/07/2008		40		21	<	1
CASTLEROCK	29/07/2008		10		1		3
CASTLEROCK	06/08/2008		160		72		12
CASTLEROCK	12/08/2008		5300		2300		1000
CASTLEROCK	14/08/2008		820		580		70
CASTLEROCK	18/08/2008		760		500		66
CASTLEROCK	22/08/2008		550		210		25
CASTLEROCK	27/08/2008		290		60		16
CASTLEROCK	03/09/2008		330		120		6
CASTLEROCK	09/09/2008		60		5		1
CASTLEROCK	12/09/2008		5300		800		470

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
CASTLEROCK	01/06/2009	<	10	<	1	<	1
CASTLEROCK	09/06/2009		10		1	<	1
CASTLEROCK	15/06/2009		670		240		30
CASTLEROCK	17/06/2009		250		190		36
CASTLEROCK	23/06/2009	<	10		12		1
CASTLEROCK	25/06/2009		50		36	<	1
CASTLEROCK	01/07/2009		750		69		10
CASTLEROCK	03/07/2009		30	<	1		3
CASTLEROCK	09/07/2009		50		23		4
CASTLEROCK	17/07/2009		110		47		540
CASTLEROCK	21/07/2009		35		30		22
CASTLEROCK	29/07/2009	<	10		10		4
CASTLEROCK	03/08/2009	<	10		8		7
CASTLEROCK	14/08/2009	<	10	<	1		1
CASTLEROCK	17/08/2009		10		2	<	1
CASTLEROCK	20/08/2009		250		106		46
CASTLEROCK	25/08/2009		340		80		15
CASTLEROCK	02/09/2009		710		340		39
CASTLEROCK	07/09/2009		250		71		4
CASTLEROCK	10/09/2009		130		17		23

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
CASTLEROCK	04/06/2010	<	10	<	1	<	1
CASTLEROCK	08/06/2010		10	<	1		1
CASTLEROCK	16/06/2010	<	10		15	<	1
CASTLEROCK	22/06/2010		80		23		5
CASTLEROCK	30/06/2010		20		1		1
CASTLEROCK	02/07/2010	<	10		1	<	1
CASTLEROCK	09/07/2010		230		37		19
CASTLEROCK	16/07/2010		3500		1000		360
CASTLEROCK	20/07/2010		80		14		1
CASTLEROCK	22/07/2010		8000		6700		1200
CASTLEROCK	28/07/2010		40		11		7
CASTLEROCK	02/08/2010		130		26		3
CASTLEROCK	05/08/2010		40		6	<	1
CASTLEROCK	09/08/2010		70		50		11
CASTLEROCK	13/08/2010		230		56		31
CASTLEROCK	16/08/2010		140		77		38
CASTLEROCK	24/08/2010	<	10	<	1		58
CASTLEROCK	01/09/2010	<	10	<	1		26
CASTLEROCK	06/09/2010	<	10		3		2
CASTLEROCK	09/09/2010		3700		980		140

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
CASTLEROCK	01/06/2011		20		8	<	1
CASTLEROCK	06/06/2011		70		39		8
CASTLEROCK	10/06/2011		230		57		5
CASTLEROCK	15/06/2011	<	10	<	1		5
CASTLEROCK	21/06/2011		60		12	<	1
CASTLEROCK	23/06/2011		360		140		6
CASTLEROCK	27/06/2011		340		140		5
CASTLEROCK	04/07/2011		20		1	<	1
CASTLEROCK	06/07/2011		180		30		30
CASTLEROCK	14/07/2011	<	10		1	<	1
CASTLEROCK	19/07/2011		3900		1700		490
CASTLEROCK	27/07/2011	<	10		1	<	10
CASTLEROCK	01/08/2011		90		36		14
CASTLEROCK	04/08/2011		30		21		3
CASTLEROCK	09/08/2011		500		170		23
CASTLEROCK	12/08/2011		340		82		11
CASTLEROCK	17/08/2011		310		54		23
CASTLEROCK	25/08/2011	<	10		2		2
CASTLEROCK	30/08/2011		60		24		17
CASTLEROCK	02/09/2011	<	10	<	1	<	1

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INTERPRETATION OF RESULTS

Interpretation of results is in accordance with:
Statutory Rules of Northern Ireland
1993 No. 205
European Communities Public Health
The Quality of Bathing Water Regulations (Northern Ireland) 1993

Excellent Water Quality

This is the most stringent
i.e. the **Guideline** microbiological water quality standard of the
Bathing Water Directive 76/160/EEC.
Total coliforms no greater than 500 per 100ml of water AND
Faecal coliforms no more than 100 per 100ml of water AND
Faecal streptococci no more than 100 per 100 ml of water

Annually 80% (16 out of 20 sampling occasions) must meet the coliform
standards AND
Annually 90% (18 out of 20 sampling occasions) must meet the faecal
streptococci standards

Good Water Quality

Means the sample meets the
Minimum Mandatory microbiological water quality standard of the Bathing
Water Directive 76/160/EEC.

Total coliforms no greater than 10,000 per 100ml of water AND
Faecal coliforms no greater than 2,000 per 100ml
Annually 95% (19 out of 20 sampling occasions) must meet these standards

Poor Water Quality

Means the sample **failed** the standard required for good water quality
i.e. it failed to meet Mandatory standard of Bathing Water Directive
76/160/EEC