

**MICROBIOLOGICAL RESULTS FOR BALLYCASTLE
BATHING WATER IN NORTHERN IRELAND**

location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
BALLYCASTLE	05/06/2006		10	<	1		2
BALLYCASTLE	09/06/2006		20		6		2
BALLYCASTLE	14/06/2006		30		4		1
BALLYCASTLE	19/06/2006		40		22		5
BALLYCASTLE	23/06/2006		10		4	<	1
BALLYCASTLE	27/06/2006		30		14	<	1
BALLYCASTLE	04/07/2006		90		11		3
BALLYCASTLE	06/07/2006	<	10	<	1	<	1
BALLYCASTLE	19/07/2006	<	10	<	1	<	1
BALLYCASTLE	24/07/2006		50		12		34
BALLYCASTLE	26/07/2006		10		5	<	1
BALLYCASTLE	01/08/2006		780		420		180
BALLYCASTLE	07/08/2006		150		54		8
BALLYCASTLE	10/08/2006		30		27		13
BALLYCASTLE	15/08/2006		20		3		3
BALLYCASTLE	22/08/2006		20		14		2
BALLYCASTLE	31/08/2006		10		7		2
BALLYCASTLE	04/09/2006		60		27		2
BALLYCASTLE	08/09/2006		80		10		4
BALLYCASTLE	14/09/2006	<	10		2		1

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
BALLYCASTLE	04/06/2007		730		730		110
BALLYCASTLE	07/06/2007	<	10		2		2
BALLYCASTLE	11/06/2007		22		22		15
BALLYCASTLE	14/06/2007		280		7		27
BALLYCASTLE	20/06/2007		2100		1100		310
BALLYCASTLE	26/06/2007		210		44		14
BALLYCASTLE	02/07/2007		20		8		9
BALLYCASTLE	06/07/2007		2800		1400		250
BALLYCASTLE	16/07/2007		150		33		12
BALLYCASTLE	18/07/2007		2800		1200		260
BALLYCASTLE	24/07/2007		150		80		1
BALLYCASTLE	26/07/2007		210		49		46
BALLYCASTLE	01/08/2007		70		27		14
BALLYCASTLE	07/08/2007		1300		620		350
BALLYCASTLE	10/08/2007		10		10		1
BALLYCASTLE	15/08/2007		2520		780		140
BALLYCASTLE	23/08/2007		371		135		6
BALLYCASTLE	29/08/2007		220		49		12
BALLYCASTLE	05/09/2007		100		16		2
BALLYCASTLE	11/09/2007		10		7		1

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
BALLYCASTLE	04/06/2008		280		210		1100
BALLYCASTLE	09/06/2008	<	10		2		1
BALLYCASTLE	13/06/2008		210		57		10
BALLYCASTLE	16/06/2008		70		7		1
BALLYCASTLE	18/06/2008		70		9		15
BALLYCASTLE	26/06/2008		30		10		2
BALLYCASTLE	01/07/2008	<	10		2		2
BALLYCASTLE	08/07/2008		1300		500		150
BALLYCASTLE	17/07/2008		3900		240		240
BALLYCASTLE	22/07/2008		50		8		4
BALLYCASTLE	28/07/2008		10	<	1		4
BALLYCASTLE	04/08/2008		4500		2600		480
BALLYCASTLE	07/08/2008		3500		1400		1000
BALLYCASTLE	13/08/2008		600		150		57
BALLYCASTLE	15/08/2008		20		45		7
BALLYCASTLE	20/08/2008		130		56		180
BALLYCASTLE	29/08/2008		30		3		3
BALLYCASTLE	02/09/2008		20		5		2
BALLYCASTLE	05/09/2008		30		6		2
BALLYCASTLE	11/09/2008		10	<	1	<	1

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
BALLYCASTLE	02/06/2009		50		18		4
BALLYCASTLE	04/06/2009	<	10		1		2
BALLYCASTLE	08/06/2009	<	10	<	1	<	1
BALLYCASTLE	16/06/2009		200		120		19
BALLYCASTLE	22/06/2009		130		41		15
BALLYCASTLE	29/06/2009	<	10		2	<	1
BALLYCASTLE	02/07/2009		10		4		29
BALLYCASTLE	08/07/2009		150		44		15
BALLYCASTLE	15/07/2009		60		6		13
BALLYCASTLE	20/07/2009		20		8		4
BALLYCASTLE	24/07/2009		1100		580		170
BALLYCASTLE	28/07/2009		120		50		22
BALLYCASTLE	05/08/2009		10		5		1
BALLYCASTLE	13/08/2009		80		20		1700
BALLYCASTLE	21/08/2009		230		80		36
BALLYCASTLE	24/08/2009		350		74		85
BALLYCASTLE	27/08/2009		20		12		6
BALLYCASTLE	01/09/2009		80		29		16
BALLYCASTLE	04/09/2009		310		60		22
BALLYCASTLE	09/09/2009		130		36		25

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
BALLYCASTLE	01/06/2010		10	<	1		15
BALLYCASTLE	07/06/2010	<	10	<	1	<	1
BALLYCASTLE	15/06/2010		10		4		5
BALLYCASTLE	24/06/2010		20		7	<	1
BALLYCASTLE	28/06/2010	<	10		5	<	1
BALLYCASTLE	01/07/2010		40		11		1
BALLYCASTLE	07/07/2010	<	10		1		2
BALLYCASTLE	14/07/2010		20		11		4
BALLYCASTLE	19/07/2010	<	10		3		1
BALLYCASTLE	23/07/2010		10		4	<	1
BALLYCASTLE	27/07/2010		50		15		20
BALLYCASTLE	04/08/2010		80		41		15
BALLYCASTLE	12/08/2010		260		140		76
BALLYCASTLE	20/08/2010		10		8		1
BALLYCASTLE	23/08/2010		80		13		3
BALLYCASTLE	26/08/2010		40		11		8
BALLYCASTLE	31/08/2010		20		1		1
BALLYCASTLE	03/09/2010	<	10	<	1		1
BALLYCASTLE	08/09/2010		120		49		33
BALLYCASTLE	10/09/2010		40		13		14

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
BALLYCASTLE	03/06/2011		20		4		2
BALLYCASTLE	07/06/2011		20		12	<	1
BALLYCASTLE	13/06/2011		250		97		24
BALLYCASTLE	16/06/2011		70		65		2
BALLYCASTLE	22/06/2011		100		27		3
BALLYCASTLE	30/06/2011		20		12		7
BALLYCASTLE	05/07/2011		10		6		2
BALLYCASTLE	15/07/2011		270		89		190
BALLYCASTLE	20/07/2011		640		260		19
BALLYCASTLE	25/07/2011		300		39		8
BALLYCASTLE	28/07/2011		1700		440		39
BALLYCASTLE	02/08/2011		250		64		11
BALLYCASTLE	08/08/2011		80		27		4
BALLYCASTLE	10/08/2011		40		14		7
BALLYCASTLE	16/08/2011		120		24		9
BALLYCASTLE	18/08/2011		10		11		3
BALLYCASTLE	22/08/2011		20	<	1	<	1
BALLYCASTLE	26/08/2011		40		7		11
BALLYCASTLE	31/08/2011		30		17		8
BALLYCASTLE	06/09/2011	<	10		2		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