

**MICROBIOLOGICAL RESULTS FOR CRANFIELD BAY
BATHING WATER IN NORTHERN IRELAND**

location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
CRANFIELD BAY	05/06/2006	<	10	<	1		1
CRANFIELD BAY	09/06/2006		30		2		1
CRANFIELD BAY	14/06/2006	<	10	<	1	<	1
CRANFIELD BAY	19/06/2006		20		12		2
CRANFIELD BAY	23/06/2006	<	10	<	1	<	1
CRANFIELD BAY	27/06/2006	<	10	<	1		1
CRANFIELD BAY	04/07/2006	<	10	<	1		1
CRANFIELD BAY	06/07/2006	<	10		5		24
CRANFIELD BAY	19/07/2006	<	10	<	1		1
CRANFIELD BAY	24/07/2006		12		12		1
CRANFIELD BAY	26/07/2006	<	10	<	1	<	1
CRANFIELD BAY	01/08/2006		10		7		1
CRANFIELD BAY	07/08/2006		20		2	<	1
CRANFIELD BAY	10/08/2006		190		90		150
CRANFIELD BAY	15/08/2006		20		12	<	1
CRANFIELD BAY	22/08/2006	<	10		7		3
CRANFIELD BAY	31/08/2006		20		3	<	1
CRANFIELD BAY	05/09/2006		170		60		170
CRANFIELD BAY	08/09/2006		50		34		36
CRANFIELD BAY	14/09/2006		20		4		1

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
CRANFIELD BAY	04/06/2007		57		57		8
CRANFIELD BAY	07/06/2007	<	10	<	1	<	1
CRANFIELD BAY	11/06/2007	<	10		1		1
CRANFIELD BAY	14/06/2007		20		19		8
CRANFIELD BAY	20/06/2007		20		7		1
CRANFIELD BAY	26/06/2007	<	10	<	1	<	1
CRANFIELD BAY	02/07/2007		20		12		1
CRANFIELD BAY	06/07/2007		10		4	<	1
CRANFIELD BAY	16/07/2007		11		11		6
CRANFIELD BAY	18/07/2007		20		8		2
CRANFIELD BAY	24/07/2007	<	10	<	1		1
CRANFIELD BAY	26/07/2007		50		15		7
CRANFIELD BAY	01/08/2007		70		46		7
CRANFIELD BAY	07/08/2007		10		8	<	1
CRANFIELD BAY	10/08/2007		20		15		15
CRANFIELD BAY	15/08/2007		8700		1352		5
CRANFIELD BAY	23/08/2007	<	10		2	<	1
CRANFIELD BAY	29/08/2007		40		15		11
CRANFIELD BAY	05/09/2007		20		4		2
CRANFIELD BAY	11/09/2007		10		7		1

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
CRANFIELD BAY	04/06/2008		410		390		140
CRANFIELD BAY	09/06/2008		20	<	1		42
CRANFIELD BAY	13/06/2008	<	10	<	1	<	1
CRANFIELD BAY	16/06/2008	<	10	<	1		1
CRANFIELD BAY	18/06/2008		60		55		20
CRANFIELD BAY	26/06/2008	<	10		1		1
CRANFIELD BAY	01/07/2008		2900		2300		8500
CRANFIELD BAY	08/07/2008		10		12		16
CRANFIELD BAY	17/07/2008		70	<	1		2
CRANFIELD BAY	22/07/2008	<	10		3		1
CRANFIELD BAY	28/07/2008	<	10		1		2
CRANFIELD BAY	04/08/2008		10		20		16
CRANFIELD BAY	07/08/2008	<	10	<	1		2
CRANFIELD BAY	13/08/2008		90		28		12
CRANFIELD BAY	15/08/2008		260		72		27
CRANFIELD BAY	20/08/2008		150		50		7
CRANFIELD BAY	29/08/2008		20		8		3
CRANFIELD BAY	02/09/2008		200		130		84
CRANFIELD BAY	05/09/2008		10		1		3
CRANFIELD BAY	11/09/2008		30		37		7

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
CRANFIELD BAY	02/06/2009	<	10	<	1		8
CRANFIELD BAY	04/06/2009	<	10	<	1	<	1
CRANFIELD BAY	08/06/2009	<	10	<	1	<	1
CRANFIELD BAY	16/06/2009	<	10	<	1	<	1
CRANFIELD BAY	22/06/2009	<	10		30		22
CRANFIELD BAY	02/07/2009		10	<	1		3
CRANFIELD BAY	06/07/2009		70		32		61
CRANFIELD BAY	08/07/2009		10		1		3
CRANFIELD BAY	15/07/2009		10		2		9
CRANFIELD BAY	20/07/2009		170		130		250
CRANFIELD BAY	24/07/2009		110		16		27
CRANFIELD BAY	28/07/2009		30		37		22
CRANFIELD BAY	05/08/2009		20		3		2
CRANFIELD BAY	13/08/2009		10		5		40
CRANFIELD BAY	21/08/2009		260		90		87
CRANFIELD BAY	24/08/2009		210		64		45
CRANFIELD BAY	27/08/2009		130		55		4
CRANFIELD BAY	01/09/2009		150		52		26
CRANFIELD BAY	04/09/2009		20		9		3
CRANFIELD BAY	09/09/2009		10		1		1

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
CRANFIELD BAY	01/06/2010		70		20		23
CRANFIELD BAY	07/06/2010		11000		1010		34
CRANFIELD BAY	15/06/2010	<	10	<	1		15
CRANFIELD BAY	24/06/2010	<	10		1	<	1
CRANFIELD BAY	28/06/2010		10		1	<	1
CRANFIELD BAY	01/07/2010		30		5		2
CRANFIELD BAY	07/07/2010	<	10		1		13
CRANFIELD BAY	14/07/2010		540		330		510
CRANFIELD BAY	19/07/2010		330		130		90
CRANFIELD BAY	23/07/2010		10	<	1		21
CRANFIELD BAY	27/07/2010	<	10		4		11
CRANFIELD BAY	04/08/2010	<	10		1		22
CRANFIELD BAY	12/08/2010	<	10		8		37
CRANFIELD BAY	20/08/2010		80		7		21
CRANFIELD BAY	23/08/2010		100		24		200
CRANFIELD BAY	26/08/2010		120		6		34
CRANFIELD BAY	31/08/2010	<	10	<	1		61
CRANFIELD BAY	03/09/2010	<	10		1		5
CRANFIELD BAY	08/09/2010		90		89		10
CRANFIELD BAY	10/09/2010		5600		2600		910

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
CRANFIELD BAY	07/06/2011		10		17		6
CRANFIELD BAY	09/06/2011	<	10	<	1	<	1
CRANFIELD BAY	13/06/2011		60		27		14
CRANFIELD BAY	16/06/2011		40		13		7
CRANFIELD BAY	22/06/2011	<	10	<	1	<	1
CRANFIELD BAY	30/06/2011	<	10	<	1	<	1
CRANFIELD BAY	05/07/2011		60		80		52
CRANFIELD BAY	15/07/2011		60		18		4
CRANFIELD BAY	20/07/2011	<	10	<	1		6
CRANFIELD BAY	25/07/2011		60		28		14
CRANFIELD BAY	28/07/2011		20		3	<	1
CRANFIELD BAY	02/08/2011		10		16		7
CRANFIELD BAY	08/08/2011	<	10		6		11
CRANFIELD BAY	10/08/2011		10		3		12
CRANFIELD BAY	16/08/2011	<	10		3		32
CRANFIELD BAY	18/08/2011		60		29		31
CRANFIELD BAY	22/08/2011	<	10	<	1	<	1
CRANFIELD BAY	26/08/2011		30		37		14
CRANFIELD BAY	31/08/2011		70		38		13
CRANFIELD BAY	06/09/2011		10		20		11

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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