

MICROBIOLOGICAL RESULTS FOR MURLOUGH CO. DOWN
BATHING WATER IN NORTHERN IRELAND

location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MURLOUGH CO DOWN	05/06/2006	<	10	<	1	<	1
MURLOUGH CO DOWN	09/06/2006	<	10	<	1	<	1
MURLOUGH CO DOWN	14/06/2006	<	10	<	1	<	1
MURLOUGH CO DOWN	19/06/2006		39		39		4
MURLOUGH CO DOWN	23/06/2006	<	10	<	1	<	1
MURLOUGH CO DOWN	27/06/2006	<	10	<	1	<	1
MURLOUGH CO DOWN	04/07/2006	<	10	<	1	<	1
MURLOUGH CO DOWN	06/07/2006	<	10	<	1	<	1
MURLOUGH CO DOWN	19/07/2006	<	10		3	<	1
MURLOUGH CO DOWN	24/07/2006		20		11		11
MURLOUGH CO DOWN	26/07/2006	<	10		2		4
MURLOUGH CO DOWN	01/08/2006	<	10		2		1
MURLOUGH CO DOWN	07/08/2006		30		25	<	1
MURLOUGH CO DOWN	10/08/2006		140		4		1
MURLOUGH CO DOWN	15/08/2006		40		16		6
MURLOUGH CO DOWN	22/08/2006		40		16		5
MURLOUGH CO DOWN	31/08/2006		100		69		3
MURLOUGH CO DOWN	05/09/2006		570		56		9
MURLOUGH CO DOWN	08/09/2006		30		20	<	1
MURLOUGH CO DOWN	14/09/2006		800		80		6

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MURLOUGH CO DOWN	04/06/2007		20		9		30
MURLOUGH CO DOWN	07/06/2007	<	10	<	1	<	1
MURLOUGH CO DOWN	11/06/2007	<	10		1		2
MURLOUGH CO DOWN	14/06/2007		30		2		6
MURLOUGH CO DOWN	20/06/2007		190		36		5
MURLOUGH CO DOWN	26/06/2007	<	10	<	1	<	1
MURLOUGH CO DOWN	02/07/2007		15		15		10
MURLOUGH CO DOWN	06/07/2007		10		8		3
MURLOUGH CO DOWN	16/07/2007		120		53		190
MURLOUGH CO DOWN	18/07/2007	<	10	<	1		11
MURLOUGH CO DOWN	24/07/2007	<	10	<	1	<	1
MURLOUGH CO DOWN	26/07/2007		500		73		12
MURLOUGH CO DOWN	01/08/2007		70		24		37
MURLOUGH CO DOWN	07/08/2007		20		1		2
MURLOUGH CO DOWN	10/08/2007		20		5		2
MURLOUGH CO DOWN	15/08/2007		30		2	<	1
MURLOUGH CO DOWN	23/08/2007	<	10		4	<	1
MURLOUGH CO DOWN	29/08/2007	<	10	<	1	<	1
MURLOUGH CO DOWN	05/09/2007	<	10		2		1
MURLOUGH CO DOWN	11/09/2007		90		44	<	1

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MURLOUGH CO DOWN	04/06/2008		200		180		260
MURLOUGH CO DOWN	09/06/2008	<	10	<	1	<	1
MURLOUGH CO DOWN	13/06/2008	<	10	<	1	<	1
MURLOUGH CO DOWN	16/06/2008	<	10	<	1	<	1
MURLOUGH CO DOWN	18/06/2008		40		16		7
MURLOUGH CO DOWN	26/06/2008	<	10	<	1		1
MURLOUGH CO DOWN	01/07/2008		70		33		10
MURLOUGH CO DOWN	08/07/2008	<	10		1	<	1
MURLOUGH CO DOWN	17/07/2008	<	10	<	1		2
MURLOUGH CO DOWN	22/07/2008	<	10	<	1	<	1
MURLOUGH CO DOWN	28/07/2008	<	10	<	1	<	1
MURLOUGH CO DOWN	04/08/2008	<	10		8		2
MURLOUGH CO DOWN	07/08/2008		120		58		2
MURLOUGH CO DOWN	13/08/2008		30		14		1
MURLOUGH CO DOWN	15/08/2008		20		23		5
MURLOUGH CO DOWN	20/08/2008		140		38		20
MURLOUGH CO DOWN	29/08/2008		30		4	<	1
MURLOUGH CO DOWN	02/09/2008		280		72		4
MURLOUGH CO DOWN	05/09/2008		120		19		18
MURLOUGH CO DOWN	11/09/2008		270		72		11

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MURLOUGH CO DOWN	02/06/2009	<	10	<	1		1
MURLOUGH CO DOWN	04/06/2009	<	10	<	1	<	1
MURLOUGH CO DOWN	08/06/2009	<	10	<	1	<	1
MURLOUGH CO DOWN	16/06/2009	<	10		1	<	1
MURLOUGH CO DOWN	22/06/2009	<	10	<	1	<	1
MURLOUGH CO DOWN	02/07/2009		10	<	1		13
MURLOUGH CO DOWN	06/07/2009		20		2	<	1
MURLOUGH CO DOWN	08/07/2009		10		1		16
MURLOUGH CO DOWN	15/07/2009	<	10	<	1	<	1
MURLOUGH CO DOWN	20/07/2009		10		2	<	1
MURLOUGH CO DOWN	24/07/2009		10		3		6
MURLOUGH CO DOWN	28/07/2009		40		8		4
MURLOUGH CO DOWN	05/08/2009		130		64		10
MURLOUGH CO DOWN	13/08/2009	<	10	<	1	<	1
MURLOUGH CO DOWN	21/08/2009		80		43		8
MURLOUGH CO DOWN	24/08/2009		600		220		36
MURLOUGH CO DOWN	27/08/2009		120		70		5
MURLOUGH CO DOWN	01/09/2009		240		86		15
MURLOUGH CO DOWN	04/09/2009		20		1		1
MURLOUGH CO DOWN	09/09/2009		10		3	<	1

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MURLOUGH CO DOWN	01/06/2010	<	10		3		2
MURLOUGH CO DOWN	07/06/2010		20	<	10		3
MURLOUGH CO DOWN	15/06/2010	<	10	<	1		1
MURLOUGH CO DOWN	24/06/2010		10		1	<	1
MURLOUGH CO DOWN	28/06/2010	<	10		2	<	1
MURLOUGH CO DOWN	01/07/2010		900		270		33
MURLOUGH CO DOWN	07/07/2010		10		16		3
MURLOUGH CO DOWN	14/07/2010		140		250		37
MURLOUGH CO DOWN	19/07/2010		280		68		20
MURLOUGH CO DOWN	23/07/2010	<	10		1	<	1
MURLOUGH CO DOWN	27/07/2010	<	10		3		22
MURLOUGH CO DOWN	04/08/2010		10	<	1		5
MURLOUGH CO DOWN	12/08/2010		10		3		210
MURLOUGH CO DOWN	20/08/2010		2200		990		160
MURLOUGH CO DOWN	23/08/2010		30		13		4
MURLOUGH CO DOWN	26/08/2010		10		4		4
MURLOUGH CO DOWN	31/08/2010	<	10	<	1		3
MURLOUGH CO DOWN	03/09/2010		10		1	<	1
MURLOUGH CO DOWN	08/09/2010		450		270		22
MURLOUGH CO DOWN	10/09/2010		470		79		40

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MURLOUGH CO DOWN	03/06/2011	<	10	<	1	<	1
MURLOUGH CO DOWN	07/06/2011	<	10		5		1
MURLOUGH CO DOWN	13/06/2011		10		2		1
MURLOUGH CO DOWN	16/06/2011	<	10	<	1	<	1
MURLOUGH CO DOWN	22/06/2011	<	10	<	1	<	1
MURLOUGH CO DOWN	30/06/2011	<	10	<	1	<	1
MURLOUGH CO DOWN	05/07/2011		35000		3000		490
MURLOUGH CO DOWN	15/07/2011		60		19		14
MURLOUGH CO DOWN	20/07/2011	<	10	<	1		1
MURLOUGH CO DOWN	25/07/2011		10		3		2
MURLOUGH CO DOWN	28/07/2011		30		39		72
MURLOUGH CO DOWN	02/08/2011		30		28		100
MURLOUGH CO DOWN	08/08/2011	<	10	<	1	<	1
MURLOUGH CO DOWN	10/08/2011		50		15		10
MURLOUGH CO DOWN	16/08/2011	<	10		1		3
MURLOUGH CO DOWN	18/08/2011		10	<	1	<	1
MURLOUGH CO DOWN	22/08/2011		10		2	<	1
MURLOUGH CO DOWN	26/08/2011		10		4	<	1
MURLOUGH CO DOWN	31/08/2011		10		5		1
MURLOUGH CO DOWN	06/09/2011		300		270		33

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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