

MICROBIOLOGICAL RESULTS FOR MAGILLIGAN (BENONE)
BATHING WATER IN NORTHERN IRELAND

location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MAGILLIGAN (BENONE)	02/06/2006		10	<	1	<	1
MAGILLIGAN (BENONE)	06/06/2006		20		2		1
MAGILLIGAN (BENONE)	12/06/2006		20		3		7
MAGILLIGAN (BENONE)	16/06/2006	<	10	<	1	<	1
MAGILLIGAN (BENONE)	20/06/2006		70		4		4
MAGILLIGAN (BENONE)	26/06/2006		10		4		1
MAGILLIGAN (BENONE)	28/06/2006		20		7		4
MAGILLIGAN (BENONE)	05/07/2006		100		9	<	1
MAGILLIGAN (BENONE)	17/07/2006		20		8		2
MAGILLIGAN (BENONE)	21/07/2006		60		41	<	1
MAGILLIGAN (BENONE)	25/07/2006	<	10	<	1	<	1
MAGILLIGAN (BENONE)	31/07/2006		10		3	<	1
MAGILLIGAN (BENONE)	02/08/2006	<	10	<	1		1
MAGILLIGAN (BENONE)	09/08/2006		30		5	<	1
MAGILLIGAN (BENONE)	11/08/2006		570		200		21
MAGILLIGAN (BENONE)	17/08/2006	<	10	<	1		2
MAGILLIGAN (BENONE)	24/08/2006	<	10		3		2
MAGILLIGAN (BENONE)	01/09/2006	<	10	<	1	<	1
MAGILLIGAN (BENONE)	05/09/2006		30		11	<	1
MAGILLIGAN (BENONE)	13/09/2006		110		28		5

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MAGILLIGAN (BENONE)	05/06/2007		10		9	<	1
MAGILLIGAN (BENONE)	08/06/2007	<	10	<	1		1
MAGILLIGAN (BENONE)	13/06/2007		190		43		16
MAGILLIGAN (BENONE)	19/06/2007		380		60		11
MAGILLIGAN (BENONE)	21/06/2007		60		48		2
MAGILLIGAN (BENONE)	27/06/2007	<	10	<	1		2
MAGILLIGAN (BENONE)	03/07/2007		20		3		8
MAGILLIGAN (BENONE)	09/07/2007		340		170		7
MAGILLIGAN (BENONE)	17/07/2007		100		15		6
MAGILLIGAN (BENONE)	19/07/2007		1300		360		31
MAGILLIGAN (BENONE)	25/07/2007		10		10		3
MAGILLIGAN (BENONE)	30/07/2007		250		31		1
MAGILLIGAN (BENONE)	03/08/2007		60		13		18
MAGILLIGAN (BENONE)	08/08/2007	<	10		1		1
MAGILLIGAN (BENONE)	13/08/2007		50		14		11
MAGILLIGAN (BENONE)	22/08/2007	<	10	<	1		6
MAGILLIGAN (BENONE)	28/08/2007		40		18		3
MAGILLIGAN (BENONE)	03/09/2007		10		1	<	1
MAGILLIGAN (BENONE)	10/09/2007	<	10		1	<	1
MAGILLIGAN (BENONE)	13/09/2007	<	10		5		1

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MAGILLIGAN (BENONE)	02/06/2008		20		12		31
MAGILLIGAN (BENONE)	06/06/2008		30		1	<	1
MAGILLIGAN (BENONE)	10/06/2008	<	10	<	1	<	1
MAGILLIGAN (BENONE)	19/06/2008	<	10	<	1	<	1
MAGILLIGAN (BENONE)	25/06/2008	<	10		4		3
MAGILLIGAN (BENONE)	27/06/2008	<	10	<	1	<	1
MAGILLIGAN (BENONE)	03/07/2008	<	10	<	1	<	1
MAGILLIGAN (BENONE)	07/07/2008		60		8	<	1
MAGILLIGAN (BENONE)	16/07/2008	<	10	<	1		40
MAGILLIGAN (BENONE)	21/07/2008		10	<	1		2
MAGILLIGAN (BENONE)	29/07/2008		10		3		6
MAGILLIGAN (BENONE)	06/08/2008		250		70		25
MAGILLIGAN (BENONE)	12/08/2008		310		77		23
MAGILLIGAN (BENONE)	14/08/2008		350		100		17
MAGILLIGAN (BENONE)	18/08/2008		1900		1300		80
MAGILLIGAN (BENONE)	22/08/2008		680		230		37
MAGILLIGAN (BENONE)	27/08/2008		10		16		1
MAGILLIGAN (BENONE)	03/09/2008		340		26		3
MAGILLIGAN (BENONE)	09/09/2008		120		2		4
MAGILLIGAN (BENONE)	12/09/2008		30		4		4

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MAGILLIGAN (BENONE)	01/06/2009	<	10	<	1	<	1
MAGILLIGAN (BENONE)	09/06/2009	<	10	<	1	<	1
MAGILLIGAN (BENONE)	15/06/2009		10		16	<	1
MAGILLIGAN (BENONE)	17/06/2009		10		18		4
MAGILLIGAN (BENONE)	23/06/2009	<	10		3	<	1
MAGILLIGAN (BENONE)	25/06/2009		40		5		4
MAGILLIGAN (BENONE)	01/07/2009		10		10		18
MAGILLIGAN (BENONE)	03/07/2009		80		40		4
MAGILLIGAN (BENONE)	09/07/2009	<	10		2	<	1
MAGILLIGAN (BENONE)	17/07/2009	<	10		1		8
MAGILLIGAN (BENONE)	21/07/2009		20		20		30
MAGILLIGAN (BENONE)	29/07/2009	<	10	<	1		2
MAGILLIGAN (BENONE)	03/08/2009	<	10		1		23
MAGILLIGAN (BENONE)	14/08/2009	<	10	<	1		65
MAGILLIGAN (BENONE)	17/08/2009	<	10	<	1		2
MAGILLIGAN (BENONE)	20/08/2009		50		70		36
MAGILLIGAN (BENONE)	25/08/2009		2300		560		60
MAGILLIGAN (BENONE)	02/09/2009		150		10		4
MAGILLIGAN (BENONE)	07/09/2009		70		7		12
MAGILLIGAN (BENONE)	10/09/2009		80		8		7

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MAGILLIGAN (BENONE)	04/06/2010	<	10		3		17
MAGILLIGAN (BENONE)	08/06/2010		20		20	<	1
MAGILLIGAN (BENONE)	16/06/2010		10	<	1	<	1
MAGILLIGAN (BENONE)	22/06/2010	<	10	<	1		21
MAGILLIGAN (BENONE)	30/06/2010		10		1		2
MAGILLIGAN (BENONE)	02/07/2010		10	<	1	<	1
MAGILLIGAN (BENONE)	09/07/2010		10		3		3
MAGILLIGAN (BENONE)	16/07/2010		1400		370		33
MAGILLIGAN (BENONE)	20/07/2010	<	10		3	<	1
MAGILLIGAN (BENONE)	22/07/2010		1900		620		130
MAGILLIGAN (BENONE)	28/07/2010		20		3		3
MAGILLIGAN (BENONE)	02/08/2010		10		3		5
MAGILLIGAN (BENONE)	05/08/2010	<	10	<	1		2
MAGILLIGAN (BENONE)	09/08/2010	<	10		4		4
MAGILLIGAN (BENONE)	13/08/2010		190		25		22
MAGILLIGAN (BENONE)	16/08/2010	<	10		3		4
MAGILLIGAN (BENONE)	24/08/2010	<	10	<	1		7
MAGILLIGAN (BENONE)	01/09/2010	<	10	<	1		2
MAGILLIGAN (BENONE)	06/09/2010		60		24		21
MAGILLIGAN (BENONE)	09/09/2010		110		81		49

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MAGILLIGAN (BENONE)	01/06/2011	<	10	<	1		1
MAGILLIGAN (BENONE)	06/06/2011	<	10		2	<	1
MAGILLIGAN (BENONE)	10/06/2011		50		21		2
MAGILLIGAN (BENONE)	15/06/2011		10		4		1
MAGILLIGAN (BENONE)	21/06/2011		90		7		11
MAGILLIGAN (BENONE)	23/06/2011	<	10		1		4
MAGILLIGAN (BENONE)	27/06/2011	<	10		1	<	1
MAGILLIGAN (BENONE)	04/07/2011	<	10		1		1
MAGILLIGAN (BENONE)	06/07/2011	<	10		2		1
MAGILLIGAN (BENONE)	14/07/2011	<	10		1		2
MAGILLIGAN (BENONE)	19/07/2011		200		130		29
MAGILLIGAN (BENONE)	27/07/2011	<	10	<	1	<	1
MAGILLIGAN (BENONE)	01/08/2011		40		7		14
MAGILLIGAN (BENONE)	04/08/2011	<	10		1	<	1
MAGILLIGAN (BENONE)	09/08/2011	<	10		1		1
MAGILLIGAN (BENONE)	12/08/2011		100		18		5
MAGILLIGAN (BENONE)	17/08/2011		30		6		49
MAGILLIGAN (BENONE)	25/08/2011	<	10		2		6
MAGILLIGAN (BENONE)	30/08/2011		10		11		14
MAGILLIGAN (BENONE)	02/09/2011		50		1		7

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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