

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

location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MAGILLIGAN (DOWNHILL)	02/06/2006		20		10		2
MAGILLIGAN (DOWNHILL)	06/06/2006		10	<	1	<	1
MAGILLIGAN (DOWNHILL)	12/06/2006		70		22		26
MAGILLIGAN (DOWNHILL)	16/06/2006		530		150	<	10
MAGILLIGAN (DOWNHILL)	20/06/2006		260		56		16
MAGILLIGAN (DOWNHILL)	26/06/2006		30		7		12
MAGILLIGAN (DOWNHILL)	28/06/2006		210		50		14
MAGILLIGAN (DOWNHILL)	05/07/2006		800		120		8
MAGILLIGAN (DOWNHILL)	17/07/2006		280		71		1
MAGILLIGAN (DOWNHILL)	21/07/2006		260		30		7
MAGILLIGAN (DOWNHILL)	25/07/2006		60		60		7
MAGILLIGAN (DOWNHILL)	31/07/2006		330		120		60
MAGILLIGAN (DOWNHILL)	02/08/2006		20		3	<	1
MAGILLIGAN (DOWNHILL)	09/08/2006		100		27	<	1
MAGILLIGAN (DOWNHILL)	11/08/2006		520		140		12
MAGILLIGAN (DOWNHILL)	17/08/2006		60		6	<	1
MAGILLIGAN (DOWNHILL)	24/08/2006	<	10		3		2
MAGILLIGAN (DOWNHILL)	01/09/2006		50		37		20
MAGILLIGAN (DOWNHILL)	05/09/2006		1700		690		200
MAGILLIGAN (DOWNHILL)	13/09/2006		90		41		5

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

location	date	total coliforms cfu/100ml	faecal coliforms cfu/100ml	faecal streptococci cfu/100ml
MAGILLIGAN (DOWNHILL)	05/06/2007	50	7	< 1
MAGILLIGAN (DOWNHILL)	08/06/2007	30	4	5
MAGILLIGAN (DOWNHILL)	13/06/2007	160	45	16
MAGILLIGAN (DOWNHILL)	19/06/2007	110	43	4
MAGILLIGAN (DOWNHILL)	21/06/2007	40	1	16
MAGILLIGAN (DOWNHILL)	27/06/2007	10	1	1
MAGILLIGAN (DOWNHILL)	03/07/2007	11	11	6
MAGILLIGAN (DOWNHILL)	09/07/2007	340	310	11
MAGILLIGAN (DOWNHILL)	17/07/2007	540	130	19
MAGILLIGAN (DOWNHILL)	19/07/2007	900	210	18
MAGILLIGAN (DOWNHILL)	25/07/2007	10	1	4
MAGILLIGAN (DOWNHILL)	30/07/2007	250	37	8
MAGILLIGAN (DOWNHILL)	03/08/2007	20	15	10
MAGILLIGAN (DOWNHILL)	08/08/2007	90	20	17
MAGILLIGAN (DOWNHILL)	13/08/2007	90	50	11
MAGILLIGAN (DOWNHILL)	22/08/2007	10	3	2
MAGILLIGAN (DOWNHILL)	28/08/2007	20	9	1
MAGILLIGAN (DOWNHILL)	03/09/2007	270	48	2
MAGILLIGAN (DOWNHILL)	10/09/2007	20	1	< 1
MAGILLIGAN (DOWNHILL)	13/09/2007	30	5	2

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

location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MAGILLIGAN (DOWNHILL)	02/06/2008	<	10		3		3
MAGILLIGAN (DOWNHILL)	06/06/2008		40		10	<	1
MAGILLIGAN (DOWNHILL)	10/06/2008	<	10	<	1		1
MAGILLIGAN (DOWNHILL)	19/06/2008		10	<	1		3
MAGILLIGAN (DOWNHILL)	25/06/2008		10		26		85
MAGILLIGAN (DOWNHILL)	27/06/2008	<	10	<	1	<	1
MAGILLIGAN (DOWNHILL)	03/07/2008		10		5		2
MAGILLIGAN (DOWNHILL)	07/07/2008		210		49		3
MAGILLIGAN (DOWNHILL)	16/07/2008	<	10	<	1	<	1
MAGILLIGAN (DOWNHILL)	21/07/2008	<	10		7	<	1
MAGILLIGAN (DOWNHILL)	29/07/2008		10		2		2
MAGILLIGAN (DOWNHILL)	06/08/2008		1000		520		140
MAGILLIGAN (DOWNHILL)	12/08/2008		6100		1040		250
MAGILLIGAN (DOWNHILL)	14/08/2008		380		160		38
MAGILLIGAN (DOWNHILL)	18/08/2008		700		870		220
MAGILLIGAN (DOWNHILL)	22/08/2008		670		130		42
MAGILLIGAN (DOWNHILL)	27/08/2008		40		11		10
MAGILLIGAN (DOWNHILL)	03/09/2008		540		63		22
MAGILLIGAN (DOWNHILL)	09/09/2008		20		9		1
MAGILLIGAN (DOWNHILL)	12/09/2008		160		23		15

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

location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MAGILLIGAN (DOWNHILL)	01/06/2009		10	<	1	<	1
MAGILLIGAN (DOWNHILL)	09/06/2009	<	10		2	<	1
MAGILLIGAN (DOWNHILL)	15/06/2009		40		18		25
MAGILLIGAN (DOWNHILL)	17/06/2009		50		16		21
MAGILLIGAN (DOWNHILL)	23/06/2009		20		10		1
MAGILLIGAN (DOWNHILL)	25/06/2009	<	10		11		3
MAGILLIGAN (DOWNHILL)	01/07/2009		20		6		2
MAGILLIGAN (DOWNHILL)	03/07/2009		20		34		4
MAGILLIGAN (DOWNHILL)	09/07/2009		60		18		10
MAGILLIGAN (DOWNHILL)	17/07/2009		70		23		4
MAGILLIGAN (DOWNHILL)	21/07/2009		23		10		27
MAGILLIGAN (DOWNHILL)	29/07/2009		20		27		11
MAGILLIGAN (DOWNHILL)	03/08/2009		20		12		17
MAGILLIGAN (DOWNHILL)	14/08/2009	<	10		6		28
MAGILLIGAN (DOWNHILL)	17/08/2009	<	10		5		5
MAGILLIGAN (DOWNHILL)	20/08/2009		11000		5700		4100
MAGILLIGAN (DOWNHILL)	25/08/2009		1120		140		32
MAGILLIGAN (DOWNHILL)	02/09/2009		2400		650		220
MAGILLIGAN (DOWNHILL)	07/09/2009		60		24		32
MAGILLIGAN (DOWNHILL)	10/09/2009		140		19		9

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

location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MAGILLIGAN (DOWNHILL)	04/06/2010		10		14		59
MAGILLIGAN (DOWNHILL)	08/06/2010		20		17		8
MAGILLIGAN (DOWNHILL)	16/06/2010		20		3		30
MAGILLIGAN (DOWNHILL)	22/06/2010	<	10		1	<	1
MAGILLIGAN (DOWNHILL)	30/06/2010		10	<	1		77
MAGILLIGAN (DOWNHILL)	02/07/2010	<	10		1	<	1
MAGILLIGAN (DOWNHILL)	09/07/2010		20		10		3
MAGILLIGAN (DOWNHILL)	16/07/2010		1700		500		49
MAGILLIGAN (DOWNHILL)	20/07/2010	<	10		8		2
MAGILLIGAN (DOWNHILL)	22/07/2010		1700		550		160
MAGILLIGAN (DOWNHILL)	28/07/2010		50		23		36
MAGILLIGAN (DOWNHILL)	02/08/2010		160		41		3
MAGILLIGAN (DOWNHILL)	05/08/2010	<	10		1		2
MAGILLIGAN (DOWNHILL)	09/08/2010	<	10		4		1
MAGILLIGAN (DOWNHILL)	13/08/2010		110		23		12
MAGILLIGAN (DOWNHILL)	16/08/2010		10		11		19
MAGILLIGAN (DOWNHILL)	24/08/2010	<	10	<	1		10
MAGILLIGAN (DOWNHILL)	01/09/2010		10		1		40
MAGILLIGAN (DOWNHILL)	06/09/2010		10		11		16
MAGILLIGAN (DOWNHILL)	09/09/2010		410		180		72

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

location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
MAGILLIGAN (DOWNHILL)	01/06/2011		10		2		5
MAGILLIGAN (DOWNHILL)	06/06/2011		280		310		45
MAGILLIGAN (DOWNHILL)	10/06/2011		320		94		13
MAGILLIGAN (DOWNHILL)	15/06/2011		10		2		1
MAGILLIGAN (DOWNHILL)	21/06/2011		370		27		7
MAGILLIGAN (DOWNHILL)	23/06/2011		40		8		1
MAGILLIGAN (DOWNHILL)	27/06/2011		100		2		1
MAGILLIGAN (DOWNHILL)	04/07/2011	<	10	<	1		1
MAGILLIGAN (DOWNHILL)	06/07/2011		150		38		31
MAGILLIGAN (DOWNHILL)	14/07/2011		10		11		1
MAGILLIGAN (DOWNHILL)	19/07/2011		4100		1400		540
MAGILLIGAN (DOWNHILL)	27/07/2011	<	10	<	1	<	1
MAGILLIGAN (DOWNHILL)	01/08/2011		70		46		11
MAGILLIGAN (DOWNHILL)	04/08/2011		10	<	1	<	1
MAGILLIGAN (DOWNHILL)	09/08/2011	<	10		2		12
MAGILLIGAN (DOWNHILL)	12/08/2011		530		220		63
MAGILLIGAN (DOWNHILL)	17/08/2011		40		15		34
MAGILLIGAN (DOWNHILL)	25/08/2011		30		2	<	1
MAGILLIGAN (DOWNHILL)	30/08/2011		30		9		11
MAGILLIGAN (DOWNHILL)	02/09/2011		40		21		13

# MICROBIOLOGICAL RESULTS FOR MAGILLIGAN (DOWNHILL) BATHING WATER IN NORTHERN IRELAND

## **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