

**MICROBIOLOGICAL RESULTS FOR HELEN'S BAY  
BATHING WATER IN NORTHERN IRELAND**

location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
HELEN'S BAY	02/06/2006	<	10		2	<	10
HELEN'S BAY	06/06/2006		10	<	1		7
HELEN'S BAY	12/06/2006	<	10		5		60
HELEN'S BAY	16/06/2006		10		2		1
HELEN'S BAY	20/06/2006		10		2		1
HELEN'S BAY	26/06/2006		10	<	1		18
HELEN'S BAY	28/06/2006		16		16	<	1
HELEN'S BAY	05/07/2006		600		220		28
HELEN'S BAY	17/07/2006	<	10		2		1
HELEN'S BAY	21/07/2006		40		8		3
HELEN'S BAY	25/07/2006	<	10		2		1
HELEN'S BAY	31/07/2006		20		3		3
HELEN'S BAY	02/08/2006		70		20		2
HELEN'S BAY	08/08/2006		15		15		3
HELEN'S BAY	11/08/2006		200		90		19
HELEN'S BAY	17/08/2006		50		12		18
HELEN'S BAY	24/08/2006	<	10		3		1
HELEN'S BAY	01/09/2006		20		6	<	1
HELEN'S BAY	06/09/2006		410		61		110
HELEN'S BAY	13/09/2006		20		12		3

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
HELEN'S BAY	05/06/2007		31000		2400		6000
HELEN'S BAY	08/06/2007	<	10		4		4
HELEN'S BAY	13/06/2007		2000		540		220
HELEN'S BAY	19/06/2007		40		4		1
HELEN'S BAY	21/06/2007		20		4		2
HELEN'S BAY	27/06/2007		140		140		7
HELEN'S BAY	03/07/2007		190		25		8
HELEN'S BAY	09/07/2007		19		19		3
HELEN'S BAY	17/07/2007		90		28		4
HELEN'S BAY	19/07/2007		220		49		10
HELEN'S BAY	25/07/2007		10		5		1
HELEN'S BAY	30/07/2007		10		10		1
HELEN'S BAY	03/08/2007		11		11		4
HELEN'S BAY	08/08/2007		140		32		3
HELEN'S BAY	13/08/2007		700		110		5
HELEN'S BAY	22/08/2007	<	10	<	1	<	1
HELEN'S BAY	28/08/2007		740		360		14
HELEN'S BAY	03/09/2007		10		5	<	1
HELEN'S BAY	06/09/2007		100		37		1
HELEN'S BAY	10/09/2007		300		160		3

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
HELEN'S BAY	02/06/2008		50	<	1		21
HELEN'S BAY	06/06/2008		30		24		6
HELEN'S BAY	10/06/2008		10	<	1		1
HELEN'S BAY	19/06/2008		20		9		1
HELEN'S BAY	25/06/2008	<	10	<	1		2
HELEN'S BAY	27/06/2008	<	10		1	<	1
HELEN'S BAY	03/07/2008		10		8		2
HELEN'S BAY	07/07/2008		600		350		550
HELEN'S BAY	16/07/2008	<	10		6		10
HELEN'S BAY	21/07/2008		10		1	<	1
HELEN'S BAY	29/07/2008		250		90		30
HELEN'S BAY	06/08/2008		60		23		21
HELEN'S BAY	12/08/2008		30		3	<	1
HELEN'S BAY	14/08/2008		4200		2100		340
HELEN'S BAY	18/08/2008		350		110		25
HELEN'S BAY	22/08/2008		200		70		5
HELEN'S BAY	27/08/2008		10		15		2
HELEN'S BAY	03/09/2008		130		36		9
HELEN'S BAY	09/09/2008		480		71		22
HELEN'S BAY	12/09/2008		610		180		23

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
HELEN'S BAY	01/06/2009	<	10		1		2
HELEN'S BAY	09/06/2009		20		7		15
HELEN'S BAY	15/06/2009		550		300		140
HELEN'S BAY	17/06/2009		10		6		11
HELEN'S BAY	23/06/2009		600		720		280
HELEN'S BAY	25/06/2009		150		130		420
HELEN'S BAY	01/07/2009		30		4		12
HELEN'S BAY	03/07/2009		210		68		350
HELEN'S BAY	09/07/2009	<	10	<	1	<	1
HELEN'S BAY	17/07/2009		10		3		3
HELEN'S BAY	21/07/2009		1800		490		170
HELEN'S BAY	29/07/2009		20		5		4
HELEN'S BAY	03/08/2009		50		5		7
HELEN'S BAY	14/08/2009		10	<	1		1
HELEN'S BAY	17/08/2009		10	<	1		1
HELEN'S BAY	20/08/2009		440		63		41
HELEN'S BAY	25/08/2009		20		10		2
HELEN'S BAY	02/09/2009		370		80		4
HELEN'S BAY	07/09/2009		70		28		13
HELEN'S BAY	10/09/2009		50		4		22

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
HELEN'S BAY	04/06/2010	<	10	<	1	<	1
HELEN'S BAY	08/06/2010		350		350		420
HELEN'S BAY	16/06/2010	<	10		9		1
HELEN'S BAY	22/06/2010	<	10	<	1		1
HELEN'S BAY	30/06/2010		20		1	<	1
HELEN'S BAY	02/07/2010		10		2		3
HELEN'S BAY	09/07/2010		10		2		2
HELEN'S BAY	16/07/2010		330		72		61
HELEN'S BAY	20/07/2010		10		7		5
HELEN'S BAY	22/07/2010		400		260		31
HELEN'S BAY	28/07/2010	<	10		2	<	1
HELEN'S BAY	02/08/2010	<	10	<	1		2
HELEN'S BAY	05/08/2010	<	10		1	<	1
HELEN'S BAY	09/08/2010		20		21		10
HELEN'S BAY	13/08/2010		30		25		17
HELEN'S BAY	16/08/2010		50		44		20
HELEN'S BAY	24/08/2010		150		10		47
HELEN'S BAY	01/09/2010	<	10	<	1		8
HELEN'S BAY	06/09/2010		20		39		40
HELEN'S BAY	09/09/2010		30		7		6

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
HELEN'S BAY	01/06/2011	<	10		1		1
HELEN'S BAY	06/06/2011	<	10	<	1		1
HELEN'S BAY	10/06/2011	<	10	<	1		1
HELEN'S BAY	15/06/2011	<	10		3	<	1
HELEN'S BAY	21/06/2011		90		21		13
HELEN'S BAY	23/06/2011	<	10		2	<	1
HELEN'S BAY	27/06/2011	<	10		1	<	1
HELEN'S BAY	04/07/2011	<	10	<	1		4
HELEN'S BAY	06/07/2011		30		8		4
HELEN'S BAY	14/07/2011	<	10	<	1	<	1
HELEN'S BAY	19/07/2011		50		6		14
HELEN'S BAY	27/07/2011	<	10	<	1	<	1
HELEN'S BAY	01/08/2011		90		110		61
HELEN'S BAY	04/08/2011		80		120		13
HELEN'S BAY	09/08/2011	<	10		3		5
HELEN'S BAY	12/08/2011		50		35		32
HELEN'S BAY	17/08/2011		160		8		52
HELEN'S BAY	25/08/2011		10		4		1
HELEN'S BAY	30/08/2011	<	10		4		3
HELEN'S BAY	02/09/2011		20		7		5

# MICROBIOLOGICAL RESULTS FOR HELEN'S BAY 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