

MICROBIOLOGICAL RESULTS FOR PORTSTEWART
BATHING WATER IN NORTHERN IRELAND

location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
PORTSTEWART	02/06/2006		80		21		6
PORTSTEWART	06/06/2006		50		5	<	1
PORTSTEWART	12/06/2006	<	10	<	1	<	1
PORTSTEWART	16/06/2006	<	10		1		2
PORTSTEWART	20/06/2006	<	10		5		1
PORTSTEWART	26/06/2006	<	10	<	1		1
PORTSTEWART	28/06/2006	<	10	<	1	<	1
PORTSTEWART	05/07/2006		270		37	<	1
PORTSTEWART	17/07/2006		10		2	<	1
PORTSTEWART	21/07/2006		440		39		10
PORTSTEWART	25/07/2006		10		6		8
PORTSTEWART	31/07/2006		10		2		1
PORTSTEWART	02/08/2006		2900		1000		18
PORTSTEWART	09/08/2006		470		67		14
PORTSTEWART	11/08/2006		110		35		3
PORTSTEWART	17/08/2006		30		9		2
PORTSTEWART	24/08/2006		10		4		10
PORTSTEWART	01/09/2006		30		6		2
PORTSTEWART	05/09/2006		160		20		4
PORTSTEWART	13/09/2006		50		14		6

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
PORTSTEWART	05/06/2007	<	10	<	1	<	1
PORTSTEWART	08/06/2007		10	<	1		10
PORTSTEWART	13/06/2007		380		74		46
PORTSTEWART	19/06/2007	<	10		7		1
PORTSTEWART	21/06/2007		40		1		1
PORTSTEWART	27/06/2007	<	10		4		2
PORTSTEWART	03/07/2007	<	10		4		1
PORTSTEWART	09/07/2007		100		40		7
PORTSTEWART	17/07/2007		70		16		6
PORTSTEWART	19/07/2007		420		420		35
PORTSTEWART	26/07/2007		40		12		2
PORTSTEWART	30/07/2007		280		33		9
PORTSTEWART	03/08/2007		10	<	1		2
PORTSTEWART	08/08/2007		420		80		29
PORTSTEWART	13/08/2007		460		100		16
PORTSTEWART	22/08/2007		370		71		5
PORTSTEWART	28/08/2007		40		7	<	1
PORTSTEWART	03/09/2007		60		8		1
PORTSTEWART	10/09/2007		90		11		2
PORTSTEWART	13/09/2007		20		4		2

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
PORTSTEWART	02/06/2008	<	10		4		8
PORTSTEWART	06/06/2008		20	<	1	<	1
PORTSTEWART	10/06/2008	<	10		2	<	1
PORTSTEWART	19/06/2008		10		3		2
PORTSTEWART	25/06/2008	<	10	<	1		470
PORTSTEWART	27/06/2008	<	10		1	<	1
PORTSTEWART	03/07/2008		20		3		6
PORTSTEWART	07/07/2008		20		6	<	1
PORTSTEWART	16/07/2008		80		84		7
PORTSTEWART	21/07/2008		20		5	<	1
PORTSTEWART	29/07/2008		10		1		7
PORTSTEWART	06/08/2008		20		8		8
PORTSTEWART	12/08/2008		50		5		2
PORTSTEWART	14/08/2008		2300		1900		300
PORTSTEWART	18/08/2008		200		120		42
PORTSTEWART	22/08/2008		230		84		13
PORTSTEWART	27/08/2008		230		67		18
PORTSTEWART	03/09/2008		100		6		2
PORTSTEWART	09/09/2008		50		6		5
PORTSTEWART	12/09/2008		70		5		2

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
PORTSTEWART	01/06/2009	<	10		3	<	1
PORTSTEWART	09/06/2009	<	10	<	1	<	1
PORTSTEWART	15/06/2009		30		1	<	1
PORTSTEWART	17/06/2009	<	10		2		11
PORTSTEWART	23/06/2009	<	10	<	1	<	1
PORTSTEWART	25/06/2009	<	10	<	1		3
PORTSTEWART	01/07/2009		20		3		16
PORTSTEWART	03/07/2009		30		28		28
PORTSTEWART	09/07/2009	<	10		1	<	1
PORTSTEWART	17/07/2009		510		110		18
PORTSTEWART	21/07/2009		110		60		42
PORTSTEWART	29/07/2009		30		5		3
PORTSTEWART	03/08/2009		30		26		300
PORTSTEWART	14/08/2009	<	10	<	1		25
PORTSTEWART	17/08/2009		20		1		6
PORTSTEWART	20/08/2009		100		130		63
PORTSTEWART	25/08/2009		170		34		27
PORTSTEWART	02/09/2009		270		70		16
PORTSTEWART	07/09/2009		10		2		6
PORTSTEWART	10/09/2009		10		6		1

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
PORTSTEWART	04/06/2010	<	10		3		1
PORTSTEWART	08/06/2010		610		270		190
PORTSTEWART	16/06/2010		10		1	<	1
PORTSTEWART	22/06/2010		10		7		1
PORTSTEWART	30/06/2010	<	10	<	1	<	1
PORTSTEWART	02/07/2010	<	10	<	1	<	1
PORTSTEWART	16/07/2010		520		100		10
PORTSTEWART	20/07/2010		190		103		9
PORTSTEWART	22/07/2010		8000		1700		130
PORTSTEWART	28/07/2010		260		1		90
PORTSTEWART	02/08/2010	<	10		5		1
PORTSTEWART	05/08/2010		40		12		1
PORTSTEWART	09/08/2010	<	10		10		4
PORTSTEWART	13/08/2010		30		3		2
PORTSTEWART	16/08/2010	<	10	<	1	<	1
PORTSTEWART	24/08/2010	<	10		4		2
PORTSTEWART	01/09/2010	<	10	<	1	<	1
PORTSTEWART	06/09/2010	<	10		1		2
PORTSTEWART	09/09/2010		140		73		71
PORTSTEWART	13/09/2010		90		17		9

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
PORTSTEWART	01/06/2011	<	10		3	<	1
PORTSTEWART	06/06/2011		10		5		2
PORTSTEWART	10/06/2011		50		30	<	1
PORTSTEWART	15/06/2011	<	10	<	1		10
PORTSTEWART	21/06/2011		20		3		3
PORTSTEWART	23/06/2011		80		20	<	1
PORTSTEWART	27/06/2011		470		230		7
PORTSTEWART	04/07/2011	<	10	<	1		5
PORTSTEWART	06/07/2011		20		4	<	1
PORTSTEWART	14/07/2011		30		6	<	1
PORTSTEWART	19/07/2011		2400		990		200
PORTSTEWART	27/07/2011		20		1	<	1
PORTSTEWART	01/08/2011		30		24		5
PORTSTEWART	04/08/2011		1200		1000		340
PORTSTEWART	09/08/2011		260		36		5
PORTSTEWART	12/08/2011		230		69		28
PORTSTEWART	17/08/2011		60		5	<	1
PORTSTEWART	25/08/2011	<	10		1		26
PORTSTEWART	30/08/2011		30		3		1
PORTSTEWART	02/09/2011	<	10		1	<	1

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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