

MICROBIOLOGICAL RESULTS FOR TYRELLA
BATHING WATER IN NORTHERN IRELAND

location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
TYRELLA	05/06/2006	<	10	<	1		3
TYRELLA	09/06/2006		11		11		1
TYRELLA	14/06/2006		10		2	<	1
TYRELLA	19/06/2006	<	10		7	<	1
TYRELLA	23/06/2006	<	10	<	1	<	1
TYRELLA	27/06/2006		20		7		17
TYRELLA	04/07/2006	<	10	<	1	<	1
TYRELLA	06/07/2006	<	10	<	1	<	1
TYRELLA	19/07/2006	<	10	<	1	<	1
TYRELLA	24/07/2006		60	<	1	<	1
TYRELLA	26/07/2006	<	10		3	<	1
TYRELLA	01/08/2006		60		30		1
TYRELLA	07/08/2006		40		8		1
TYRELLA	10/08/2006	<	10		6	<	1
TYRELLA	15/08/2006		10		6		3
TYRELLA	22/08/2006		40		8		1
TYRELLA	31/08/2006		80		7	<	1
TYRELLA	05/09/2006		100		49		7
TYRELLA	08/09/2006		240		240		18
TYRELLA	14/09/2006	<	10		1		4

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
TYRELLA	04/06/2007		10		9		2
TYRELLA	07/06/2007	<	10	<	1	<	1
TYRELLA	11/06/2007		10		1	<	1
TYRELLA	14/06/2007		440		150		29
TYRELLA	20/06/2007		11		11		2
TYRELLA	26/06/2007	<	10	<	1	<	1
TYRELLA	02/07/2007		20		13		39
TYRELLA	06/07/2007		200		23		3
TYRELLA	16/07/2007		10		5		2
TYRELLA	18/07/2007		10		3		1
TYRELLA	24/07/2007	<	10	<	1		1
TYRELLA	26/07/2007		20		4	<	1
TYRELLA	01/08/2007		45		45		24
TYRELLA	07/08/2007	<	10	<	1	<	1
TYRELLA	10/08/2007		20		13		5
TYRELLA	15/08/2007		290		7		3
TYRELLA	23/08/2007	<	10		4	<	1
TYRELLA	29/08/2007		20		3		4
TYRELLA	05/09/2007	<	10	<	1	<	1
TYRELLA	11/09/2007		70		36		2

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
TYRELLA	04/06/2008		20		21		90
TYRELLA	09/06/2008	<	10	<	1	<	1
TYRELLA	13/06/2008	<	10		1		14
TYRELLA	16/06/2008		10		1		2
TYRELLA	18/06/2008	<	10		2		1
TYRELLA	26/06/2008	<	10		30	<	1
TYRELLA	01/07/2008		30		24		19
TYRELLA	08/07/2008		20		14		2
TYRELLA	17/07/2008		50		18		3
TYRELLA	22/07/2008		20		4		3
TYRELLA	28/07/2008	<	10	<	1		1
TYRELLA	04/08/2008		20		11		13
TYRELLA	07/08/2008		20		18		3
TYRELLA	13/08/2008		10		14		2
TYRELLA	15/08/2008		100		53		12
TYRELLA	20/08/2008		120		74		28
TYRELLA	29/08/2008		10		1	<	1
TYRELLA	02/09/2008		50		42		7
TYRELLA	05/09/2008		440		57		50
TYRELLA	11/09/2008		120		51		5

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
TYRELLA	02/06/2009	<	10	<	1	<	1
TYRELLA	04/06/2009	<	10	<	1		1
TYRELLA	08/06/2009	<	10		2		37
TYRELLA	16/06/2009	<	10		2		1
TYRELLA	22/06/2009	<	10	<	1		7
TYRELLA	02/07/2009		10	<	1		49
TYRELLA	06/07/2009		20		3	<	1
TYRELLA	08/07/2009	<	10	<	1		13
TYRELLA	15/07/2009	<	10	<	1	<	1
TYRELLA	20/07/2009		90		88		43
TYRELLA	24/07/2009		10		26		28
TYRELLA	28/07/2009		10		5		6
TYRELLA	05/08/2009		20		12		1
TYRELLA	13/08/2009		10		2		45
TYRELLA	21/08/2009		230		160		28
TYRELLA	24/08/2009		80		30		23
TYRELLA	27/08/2009		170		38		34
TYRELLA	01/09/2009		1100		610		31
TYRELLA	04/09/2009		60		14	<	1
TYRELLA	09/09/2009		30		1	<	1

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
TYRELLA	01/06/2010	<	10		2		1
TYRELLA	07/06/2010	<	10		1		1
TYRELLA	15/06/2010	<	10		1		2
TYRELLA	24/06/2010	<	10	<	1	<	1
TYRELLA	28/06/2010		30		10	<	1
TYRELLA	01/07/2010		30		4		4
TYRELLA	07/07/2010	<	10		3		47
TYRELLA	14/07/2010		630		520		280
TYRELLA	19/07/2010		90		20		4
TYRELLA	23/07/2010	<	10		8		2
TYRELLA	27/07/2010		10		35		34
TYRELLA	04/08/2010		10		6		17
TYRELLA	12/08/2010		60		21		48
TYRELLA	20/08/2010		50		14		14
TYRELLA	23/08/2010		140		99		43
TYRELLA	26/08/2010		20		1		14
TYRELLA	31/08/2010		30		6		6
TYRELLA	03/09/2010	<	10		3		1
TYRELLA	08/09/2010		270		140		67
TYRELLA	10/09/2010		150		31		43

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location	date		total coliforms cfu/100ml		faecal coliforms cfu/100ml		faecal streptococci cfu/100ml
TYRELLA	03/06/2011	<	10	<	1	<	1
TYRELLA	07/06/2011	<	10		5		1
TYRELLA	13/06/2011	<	10	<	1	<	1
TYRELLA	16/06/2011		30		1		5
TYRELLA	22/06/2011	<	10		1	<	1
TYRELLA	30/06/2011	<	10		5	<	1
TYRELLA	05/07/2011		20		5		17
TYRELLA	15/07/2011		10		22		7
TYRELLA	20/07/2011		20		14		3
TYRELLA	25/07/2011		10		1	<	1
TYRELLA	28/07/2011		10	<	1	<	1
TYRELLA	02/08/2011	<	10	<	1	<	1
TYRELLA	08/08/2011	<	10	<	1	<	1
TYRELLA	10/08/2011		40		16		4
TYRELLA	16/08/2011		160		55		4
TYRELLA	18/08/2011	<	10		1	<	1
TYRELLA	22/08/2011		10		4		1
TYRELLA	26/08/2011		60		22		6
TYRELLA	31/08/2011		370		440		3
TYRELLA	06/09/2011		120		54		2

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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