

INFORMATION ITEM



REPORT OF	MEETING	DATE	ITEM NO
DEVELOPMENT SERVICES DIRECTORATE	ENVIRONMENT, HEALTH AND HOUSING COMMITTEE	10 JANUARY 2017	13
ST ANNES BATHING WATERS 2016			

PUBLIC ITEM

This item is for consideration in the public part of the meeting.

SUMMARY OF INFORMATION

The purpose of this report is to provide an update of the water quality at the two St Annes Bathing Waters.

SOURCE OF INFORMATION

Environment Agency Bathing Water data.

Directive 2006/7/EC of the European Parliament and of the Council 15th February 2006.

Concerning the management of bathing water quality.

Statutory Instrument 2013 No 1675, Water Resources. The Bathing Water Regulations 2013.

LINK TO INFORMATION

- **United Utilities Bathing Waters Map**
<http://www.unitedutilities.com/Bathing-Waters-Map.aspx>
- **Environment Agency Bathing Water Data**
[Information Note – St Annes Bathing Waters 2016](#)
- **2015 Bathing Water Profile for St Annes**
<http://environment.data.gov.uk/bwq/profiles/profile.html?site=ukd4303-41800>
- **2015 Bathing Water Profile for St Annes North**
<http://environment.data.gov.uk/bwq/profiles/profile.html?site=ukd4303-41900>

WHY IS THIS INFORMATION BEING GIVEN TO THE COMMITTEE?

This information is provided to enable the committee to consider and scrutinise the latest position on Bathing Water quality.

FURTHER INFORMATION

Contact: Andrew Dickson Head of Technical Services

Tel: 01253 658675

INFORMATION NOTE



ST ANNES BATHING WATERS 2016

1. The Environment Agency are responsible for implementation of the bathing waters directives, monitoring and reporting on water quality and ensuring action is taken to meet the appropriate standards for the directives throughout the UK. They also regulate discharges to the aquatic environment.
2. Fylde Borough Council operates two controlled bathing waters one at St Anne's Pier and the other is St Anne's North adjacent to North beach car park. During the bathing season 1st May to 30th September the Council are responsible for the provision of public information about the bathing waters being displayed in an easily acceptable place in the vicinity of the bathing waters. This includes the provision of public information to prevent exposure to pollution during short term incidents and advise against bathing where the bathing water does not meet the sufficient standard.
3. Changes were made from 2012 with the introduction of the revised Bathing Water Directive. Under the new regulations the revised directive sets guideline standards for Escherichia coli and intestinal enterococci.
4. The standards used at the end of the 2016 bathing season give an overall assessment of all water quality taken over a three years period (2014 to 2016) 60 samples, 20 per year. The new standard has four classifications:-

Excellent, Good, Sufficient, Poor.

The EU directive requires member states to ensure that, by the end of the 2015 bathing season, all bathing waters are a least **sufficient** each year.

The table below indicates the different parameters for bathing water quality.

Parameter	Excellent	Good	Sufficient
Escherichia coli (cfu/100ml)	<250 (*)	<500 (*)	<500 (**)
Intestinal enterococci (cfu/100ml)	<100 (*)	<200 (*)	<185 (**)
(*) Based upon a 95-percentile evaluation			
(**) Based upon a 90-percentile evaluation			

cfu = colony-forming unit

E.coli should not exceed 500cfu per 100ml based upon a 90-percentile evaluation of samples.

Intestinal enterococci should not exceed 185cfu per 100ml based upon a 90-percentile evaluation of samples.

5. The Environment Agency has been working with Fylde Council again this year to make daily predictions of pollution risks at our bathing waters during the 2016 bathing season. These inform the public of increased pollution risk through signs displayed at bathing waters. These warnings are short term pollution events that have clearly identifiable causes which are not normally expected to affect bathing water quality for more than approximately 72 hours. Where pollution risk forecasts have coincided with statutory bathing water sampling and if all conditions are met there is a potential for discounting samples at the end of the season. No more than three samples can be discounted in a bathing season. Two samples have been discounted at St Annes Pier in accordance with Article 3(6) of the bathing water directive during the 2016 season and no samples were discounted at St Annes North bathing water.
6. The Fylde coast has eight bathing waters and the table below indicates this year's results, showing their improvement over the last four years.

Bathing water area	2013 projection	2014 projection	2015 results	2016 results
Fleetwood	Poor	Poor	Excellent	Excellent
Cleveleys	Poor	Poor	Poor	Good
Bispham	Sufficient	Sufficient	Sufficient	Good
Blackpool North	Poor	Poor	Good	Sufficient
Blackpool Central	Poor	Poor	Sufficient	Good
Blackpool South	Poor	Good	Excellent (Blue Flag status)	Excellent
St Annes North	Poor	Good	Excellent	Good
St Annes Pier	Poor	Good	Good	Good



7. The Bathing Water classification for St Annes Pier and St Annes North are both classed as good for 2016. It is the first time that all Fylde coast bathing waters have passed the tougher standards that were introduced last year, and proves a huge improvement in sea water quality across the Fylde Coast. The tables in the appendix shows the results for 2014-2016
8. This year's classifications are the result of a remarkable turnaround for the Fylde coast resort's beaches, where heavy investment coupled alongside work with businesses, communities and public sector partners has contributed to making sure we have a coastline to be proud of.

FURTHER INFORMATION

Contact: Andrew Dickson Head of Technical Services

Tel: 01253 658675

Appendix 1

St Annes Pier Bathing Water 2014

No	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
41	12/05/2014 10:40	220	10
42	16/05/2014 13:10	10	10
43	25/05/2014 11:20	10	10
44	30/05/2014 13:20	10	10
45	04/06/2014 16:45	18	10
46	11/06/2014 10:50	27	18
47	16/06/2014 15:10	10	10
48	25/06/2014 11:00	18	18
49	01/07/2014 14:10	10	10
50	10/07/2014 10:25	10	27
51	14/07/2014 13:10	1000	300
52	24/07/2014 10:50	10	10
53	29/07/2014 13:40	27	18
54	08/08/2014 10:20	145	27
55	13/08/2014 14:35	873	680
56	21/08/2014 10:05	36	10
57	28/08/2014 13:55	390	36
58	07/09/2014 11:00	109	73
59	11/09/2014 14:10	127	145
60	15/09/2014 15:50	55	36

St Annes Pier Bathing Water 2015

No	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
61	07/05/2015 13:35	64	27
62	15/05/2015 10:25	18	10
63	22/05/2015 14:35	18	10
64	31/05/2015 10:40	10	10
65	04/06/2015 13:40	18	10
66	14/06/2015 13:50	10	10
67	22/06/2015 15:00	10	10
68	30/06/2015 11.15	10	10
69	03/07/2015 13:20	10	1500
70	14/07/2015 11:10	55	36
71	17/07/2015 13:15	36	18
72	20/07/2015 14:50	10	73
73	28/07/2015 11:25	109	10
74	04/08/2015 16:07	620	250
75	11/08/2015 10:18	64	18
76	14/08/2015 12:45	164	27
77	18/08/2015 14:09	10	10
78	28/08/2015 11:05	127	80
79	10/09/2015 11:10	10	64
80	18/09/2015 14:15	10	10

St Annes Pier Bathing Water 2016

No	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
81	03/05/2016 09:40	10	27
82	19/05/2016 11:05	10	10
83	23/05/2016 12:10	10	10
84	25/05/2016 13:30	10	18
85	02/06/2016 10:16	109	10
86	08/06/2016 14:10	45	280
87	17/06/2016 10:25	36	10
88	21/06/2016 12:45	18	82
89	24/06/2016 14:10	10	10
90	03/07/2016 10:45	340	64
91	06/07/2016 14:00	127	55
92	18/07/2016 11:30	45	109
93	22/07/2016 13:10	800	90
94	01/08/2016 12:00	10	27
95	05/08/2016 14:00	10	36
96	15/08/2016 10:10	100	10
97	18/08/2016 13:00	64	27
98	30/08/2016 10:45	240	27
99	04/09/2016 15:00	109	10
100	15/09/2016 11:10	360	400

St Annes North Bathing Water 2014

No	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
41	12/05/2014 10:30	64	36
42	16/05/2014 13:00	55	10
43	25/05/2014 11:05	10	10
44	30/05/2014 13:00	10	27
45	04/06/2014 16:35	27	10
46	11/06/2014 10:40	64	18
47	16/06/2014 14:53	18	10
48	25/06/2014 10:50	27	18
49	01/07/2014 14:00	82	10
50	10/07/2014 10:10	27	27
51	14/07/2014 13:00	700	480
52	24/07/2014 10:40	10	27
53	29/07/2014 13:25	64	27
54	08/08/2014 10:15	55	10
55	13/08/2014 14:20	700	140
56	21/08/2014 09:45	173	45
57	28/08/2014 13:45	230	82
58	07/09/2014 10:45	55	45
59	11/09/2014 13:55	91	100
60	15/09/2014 15:40	10	10

St Annes North Bathing Water 2015

No	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
61	07/05/2015 13:23	100	18
62	15/05/2015 10:15	18	10
63	22/05/2015 14:25	18	10
64	31/05/2015 11:00	64	36
65	04/06/2015 13:25	136	10
66	14/06/2015 11:13	45	27
67	22/06/2015 14:50	27	10
68	30/06/2015 11:10	10	10
69	03/07/2015 13:00	45	10
70	14/07/2015 11:00	55	27
71	17/07/2015 13:10	91	10
72	20/07/2015 14:45	18	10
73	28/07/2015 11:17	64	36
74	04/08/2015 16:38	700	270
75	11/08/2015 10:39	27	10
76	14/08/2015 12:57	590	164
77	18/08/2015 14:00	10	10
78	28/08/2015 10:50	155	18
79	10/09/2015 11:00	36	10
80	18/09/2015 14:10	10	10

St Annes North Bathing Water 2016

No	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
81	03/05/2016 09:30	10	10
82	19/05/2016 11:19	10	10
83	23/05/2016 12:20	10	10
84	25/05/2016 13:40	10	18
85	02/06/2016 10:20	10	10
86	08/06/2016 14:20	27	10
87	17/06/2016 10:35	55	55
88	21/06/2016 12:55	18	10
89	24/06/2016 14:20	580	100
90	03/07/2016 10:55	490	118
91	06/07/2016 14:05	45	27
92	18/07/2016 11:40	91	10
93	22/07/2016 13:00	200	370
94	01/08/2016 11:45	64	45
95	05/08/2016 13:50	64	91
96	15/08/2016 10:25	45	10
97	18/08/2016 12:45	36	36
98	30/08/2016 11:05	720	122
99	04/09/2016 15:15	118	18
100	15/09/2016 11:20	1100	200