

## INFORMATION NOTE

### St Annes Bathing Waters 2018

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 2018 bathing season give an overall assessment of all water quality taken over a five year period (2014 to 2018) 100 samples, 20 per year.
5. 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 at 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.

6. 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 2018 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. A maximum of 3 samples can be discounted per bathing season. Three samples have been discounted at St

Annes Pier in accordance with Article 3(6) of the bathing water directive during the 2018 season and three samples were discounted at St Annes North bathing water.

7. The Fylde coast has eight bathing waters and the table below indicates this year's results, showing their improvement over the last six years.

Bathing water area	2013 results	2014 results	2015 results	2016 results	2017 results	2018 results
Fleetwood	Poor	Poor	Excellent	Good	Good	Good
Cleveleys	Poor	Poor	Poor	Good	Good	Good
Bispham	Sufficient	Sufficient	Sufficient	Good	Good	Good
Blackpool North	Poor	Poor	Good	Sufficient	Good	Sufficient
Blackpool Central	Poor	Poor	Sufficient	Good	Good	Good
Blackpool South	Poor	Good	Excellent (Blue Flag status)	Excellent (Blue Flag status)	Excellent (Blue Flag status)	Good
St Annes North	Poor	Good	Excellent	Good	Good	Good
St Annes Pier	Poor	Good	Good	Good	Good	Good



8. The Bathing Water classification for St Annes Pier and St Annes North are both classed as good for 2018. It is the third time that all Fylde coast bathing waters have passed the tougher standards that were introduced in 2015, and proves a huge improvement in sea water quality across the Fylde Coast. The tables in the appendix shows the results for 2017-2018.
9. 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: Darren Bell Head of Technical Services

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## Appendix 1

### St Annes North Bathing Water 2018

NO	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
121	01/05/2018 12:40	10	10
122	15/05/2018 11:35	18	45
123	27/05/2018 11:15	10	18
124	31/05/2018 11:45	18	10
125	04/06/2018 15:05	18	10
126	12/06/2018 10:50	36	27
127	18/06/2018 15:30	45	18
128	24/06/2018 10:45	10	10
129	27/06/2018 11:45	10	10
130	03/07/2018 13:10	10	18
131	11/07/2018 10:15	18	10
132	24/07/2018 09:40	118	18
133	27/07/2018 11:10	18	10
134	01/08/2018 14:48	55	36
135	10/08/2018 11:05	370	64
136	16/08/2018 14:04	410	73
137	23/08/2018 11:15	27	36
138	29/08/2018 13:50	82	10
139	07/09/2018 10:30	1000	909
140	11/09/2018 12:20	2200	2700

### St Annes North Bathing Water 2017

NO	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
101	08/05/2017 10:12	10	10
102	16/05/2017 13:02	10	10
103	23/05/2017 10:21	10	10
104	26/05/2017 11:50	5700	300
105	09/06/2017 11:44	430	109
106	12/06/2017 12:45	100	18
107	14/06/2017 14:56	55	10
108	22/06/2017 10:02	370	370
109	26/06/2017 13:49	54	109
110	05/07/2017 10:12	18	10
111	10/07/2017 12:40	73	27
112	14/07/2017 14:20	10	10
113	23/07/2017 11:20	127	136
114	26/07/2017 12:22	380	164
115	06/08/2017 11:25	240	55
116	11/08/2017 13:15	260	64
117	21/08/2017 10:35	145	73
118	25/08/2017 12:44	420	220
119	04/09/2017 10:45	218	18
120	11/09/2017 13:00	1600	280

## St Annes Pier Bathing Water 2018

NO	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
121	01/05/2018 14:40	55	27
122	15/05/2018 11:35	82	164
123	27/05/2018 11:15	10	10
124	31/05/2018 11:45	10	10
125	04/06/2018 15:05	10	10
126	12/06/2018 10:50	27	10
127	18/06/2018 15:30	10	27
128	24/06/2018 10:45	10	10
129	27/06/2018 11:45	10	10
130	03/07/2018 13:10	10	10
131	11/07/2018 10:15	18	10
132	24/07/2018 09:40	73	10
133	27/07/2018 11:10	10	10
134	01/08/2018 14:48	64	64
135	10/08/2018 11:05	64	27
136	16/08/2018 14:04	270	109
137	23/08/2018 11:15	230	45
138	29/08/2018 13:50	91	18
139	07/09/2018 10:30	290	936
140	11/09/2018 12:20	1200	3200

## St Annes Pier Bathing Water 2017

NO	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
101	08/05/2017 10:21	10	10
102	16/05/2017 13:15	10	10
103	23/05/2017 10:10	10	10
104	26/05/2017 12:10	73	73
105	09/06/2017 11:54	220	36
106	12/06/2017 12:55	127	10
107	14/06/2017 15:04	27	10
108	22/06/2017 10:12	280	94
109	26/06/2017 14:05	250	36
110	05/07/2017 10:30	18	10
111	10/07/2017 12:55	100	27
112	14/07/2017 14:35	18	10
113	23/07/2017 11:00	64	55
114	26/07/2017 12:41	100	45
115	06/08/2017 11:40	250	164
116	11/08/2017 13:25	155	55
117	21/08/2017 10:45	510	240
118	25/08/2017 13:15	580	270
119	04/09/2017 11:05	91	18
120	11/09/2017 12:45	650	173