

INFORMATION NOTE

St Annes Bathing Waters 2021

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 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.

5. In 2020, the coronavirus pandemic and associated lockdown meant the Environment Agency had to pause routine sampling in the first half of the bathing season in order to adhere with imposed restrictions. Once lockdown was lifted, the EA's sampling work restarted and a reduced set of samples was taken during the second half of the season. No classification was made in 2020 due to the reduced number of samples taken not being representative of the range of water quality across the bathing season. The limited data from 2020 will not be used in any future classifications.
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 2021 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. One sample was discounted at St Anne's North in 2021.

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

Bathing water area	2014 results	2015 results	2016 results	2017 results	2018 results	2019 results	2020 results	2021 results
Fleetwood	Poor	Excellent	Good	Good	Good	Good	Good	Good
Cleveleys	Poor	Poor	Good	Good	Good	Good	Good	Good
Bispham	Sufficient	Sufficient	Good	Good	Good	Excellent	Excellent	Excellent
Blackpool North	Poor	Good	Sufficient	Good	Sufficient	Good	Good	Sufficient
Blackpool Central	Poor	Sufficient	Good	Good	Good	Good	Good	Good
Blackpool South	Good	Excellent (Blue Flag status)	Excellent (Blue Flag status)	Excellent (Blue Flag status)	Good	Good	Good	Good
St Annes North	Good	Excellent	Good	Good	Good	Sufficient	Sufficient	Sufficient
St Annes Pier	Good	Good	Good	Good	Good	Good	Good	Good



8. The Bathing Water classification for St Annes Pier is classed as good for 2021 however the classification for St Annes North has been classified as sufficient. The deterioration of the water quality at St Annes North is of concern to the Council and the Environment Agency.
9. The Environment Agency has identified St Annes and St Annes North as a priority bathing waters. Prior to the pandemic we held a meeting with representatives from the Environment Agency, Ribble Rivers Trust, Turning Tides, LOVEmyBEACH and United Utilities to draw up an action plan for the 2021 bathing season. Progress has been limited due to ongoing impact from the pandemic.

St Annes North Bathing Water 2021

NO	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
170	10/05/2021	860	380
171	18/05/2021	10	10
172	25/05/2021	2300	1500
173	28/05/2021	10	10
174	06/06/2021	10	10
175	11/06/2021	180	350
176	14/06/2021	18	10
177	25/06/2021	91	150
178	29/06/2021	27	18
179	07/07/2021	27	10
180	13/07/2021	45	36
181	22/07/2021	45	10
182	25/07/2021	27	18
183	28/07/2021	430	120
184	06/08/2021	64	100
185	10/08/2021	1200	210
186	12/08/2021	450	680
187	23/08/2021	55	18
188	26/08/2021	10	10
189	06/09/2021	10	55

St Annes North Bathing Water 2020 (reduced data set due to coronavirus restrictions)

NO	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
161	22/07/2020	640	490
162	31/07/2020	160	91
163	03/08/2020	18	27
164	10/08/2020	45	< 10
165	19/08/2020	1100	220
166	24/08/2020	620	110
167	07/09/2020	91	160
168	16/09/2020	230	220
169	28/09/2020	320	18

St Annes North Bathing Water 2019

NO	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
141	02/05/2019 10:40	36	10
142	16/05/2019 10:20	10	10
143	19/05/2019 11:05	82	45
144	22/05/2019 13:21	10	10
145	31/05/2019 10:01	10	36
146	04/06/2019 12:20	10	18
147	14/06/2019 10:10	1400	490
148	17/06/2019 11:35	420	55
149	21/06/2019 13:40	27	10
150	30/06/2019 11:16	220	45
151	02/07/2019 11:10	18	27
152	15/07/2019 10:17	36	10
153	18/07/2019 13:00	10	18
154	31/07/2019 10:30	2600	380
155	06/08/2019 15:40	300	150
156	12/08/2019 10:01	420	170
157	20/08/2019 15:10	240	36
158	30/08/2019 10:15	300	82
159	02/09/2019 12:41	520	410
160	04/09/2019 13:51	160	82

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 Pier Bathing Water 2021

NO	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
170	10/05/2021	210	63
171	18/05/2021	10	10
172	25/05/2021	2400	430
173	28/05/2021	10	10
174	06/06/2021	10	10
175	11/06/2021	10	10
176	14/06/2021	10	10
177	25/06/2021	82	18
178	29/06/2021	10	10
179	07/07/2021	27	10
180	13/07/2021	18	10
181	22/07/2021	10	10
182	25/07/2021	73	10
183	28/07/2021	580	130
184	06/08/2021	150	91
185	10/08/2021	160	82
186	12/08/2021	450	36
187	23/08/2021	45	10
188	26/08/2021	18	10
189	06/09/2021	55	55

St Annes Pier Bathing Water 2020 (reduced data set due to coronavirus restrictions)

NO	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
161	22/07/2020	250	300
162	31/07/2020	36	< 10
163	03/08/2020	27	< 10
164	10/08/2020	200	18
165	19/08/2020	240	64
166	24/08/2020	510	< 10
167	07/09/2020	27	27
168	16/09/2020	180	64
169	28/09/2020	290	64

St Annes Pier Bathing Water 2019

NO	Sample taken	escherichia coli colonies/100ml	intestinal enterococci colonies/100ml
141	02/05/2019 10:50	10	10
142	16/05/2019 10:35	10	10
143	19/05/2019 11:15	18	10
144	22/05/2019 13:36	10	10
145	31/05/2019 10:20	27	27
146	04/06/2019 12:35	10	10
147	14/06/2019 10:00	73	200
148	17/06/2019 11:15	45	27
149	21/06/2019 13:30	27	10
150	30/06/2019 11:47	18	10
151	02/07/2019 11:25	10	10
152	15/07/2019 10:05	10	10
153	18/07/2019 13:45	10	10
154	31/07/2019 10:50	3000	400
155	06/08/2019 15:20	320	100
156	12/08/2019 10:21	520	120
157	20/08/2019 15:20	82	10
158	30/08/2019 10:35	830	550
159	02/09/2019 13:01	210	530
160	04/09/2019 14:20	130	36

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

FURTHER INFORMATION - Contact: Darren Bell Head of Technical Services

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