

# Blue Flag Bathing Water Quality

Beach Sunny Day S.A. Contact Name Mr. Atanasov

Location St. Konstantin Resort Address \_\_\_\_\_

Local Authority Varna Telephone (052) 361 936

## Result of analysis for Faecal Coliform / Escherichia Coli

Result per 100ml. Water																
						150										
		9	9	22	4	3										
T. R. Number		Π 648	Π 745	Π 808	Π 634	Π1180	Π1427									
Date		26.04	09.05	17.05	25.05	07.06	21.06	05.07	19.07	02.08	16.08	30.08	07.09	21.09	05.10	

## Result of analysis for Total Coliform

Result per 100ml. Water																
		9	43	36	9	150	3									
T. R. Number		Π 648	Π 745	Π 808	Π 634	Π1180	Π1427									
Date		26.04	09.05	17.05	25.05	07.06	21.06	05.07	19.07	02.08	16.08	30.08	07.09	21.09	05.10	

## Result of analysis for Faecal Streptococci / Enterococci

Result per 100ml. Water																
		< 3	9	10	15	< 3	23									
T. R. Number		Π 648	Π 745	Π 808	Π 634	Π1180	Π1427									
Date		26.04	09.05	17.05	25.05	07.06	21.06	05.07	19.07	02.08	16.08	30.08	07.09	21.09	05.10	



### Blue Flag Bathing Water Quality

This is a Blue Flag beach. Which means that the quality of the bathing water, the cleanliness of the surroundings and the toilets will be supervised and general information will be available to the beach-user relating to environmental matters. It also requires the regular assessment of three different bacteria that may be present in bathing water. Monitoring of these waters must be done during the bathing season at least every 14 days.

Analysis of the bacterial count in the bathing water indicates the quality of the water. The above table shows when and how often sampling takes place and the bacterial count for each analysis. A reduced rate of bacteria indicates that the bathing water quality is good and clean. A high rate of bacteria indicates there is a health risk from the bathing water through either faecal coliforms, total coliforms or faecal streptococci contamination.

The Blue Flag is an World-wide campaign of the **Foundation for Environmental Education (FEE)**. In Bulgaria the campaign is co-ordinated by the **Bulgarian Blue Flag Movement**.

### What do these results mean?

Faecal Coliform	Total Coliform	Faecal Streptococci
 Below 100 Good water quality	 Below 500 Good water quality	 Below 100 Good water quality
 100 - 2000 Moderate quality and under observation	 500-10,000 Moderate quality and under observation	 More than 100 Moderate quality and under observation
 More than 2,000 Poor water quality. Blue Flag must be taken down	 More than 10,000 Poor water quality. Blue Flag must be taken down	