

Water Quality Results Certificate



Client Name: Royal Docks Management Authority

Water Body Name: Royal Docks

Certificate Reference: TSBN2730975

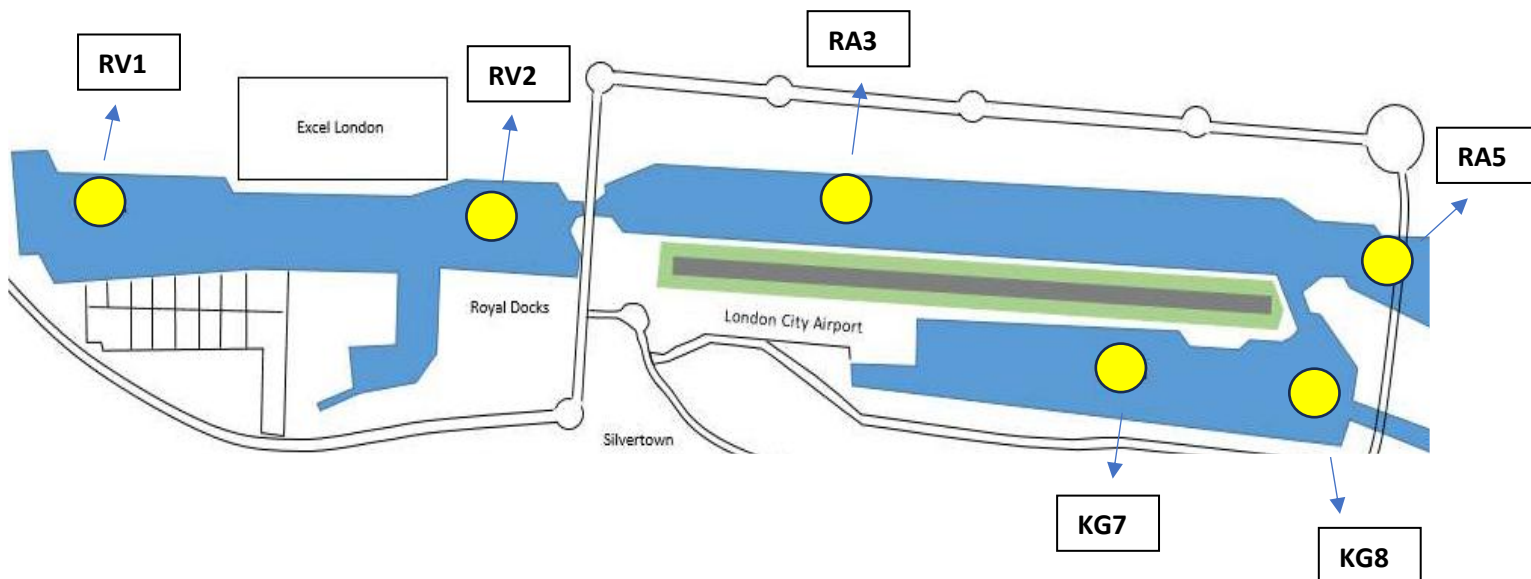
Analysis Start Date: 21/05/2026

Report Date: 24/05/2026

Overview

Location	RV1: Royal Victoria Dock, West	RV2: Royal Victoria Dock, East	RA3: Royal Albert Dock, West	RA5: Royal Albert Dock, East	KG7: King George V Dock, West	KG8: King George V Dock, East
Sample Number	1	2	3	4	5	6
Time sample taken	10.20-11:15					
Date sample taken	20/05/2026					
Weather	Clear day. Sunny.					

Locations Map



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Sample 1: RV1 (Royal Victoria Dock, West)

Test	Unit	Result	Interpretation (if applicable)
<i>On-site measurements</i>			
pH		8.4	
Electrical Conductivity	µS/cm, 25°C	7058	
Water Temperature	°C	19.7	
Dissolved Oxygen	mg/l	9.9	
Dissolved Oxygen Saturation	%	75.9	
<i>Laboratory Analysis</i>			
E. coli	no/100 ml	5	Pass Excellent
Enterococci	no/100 ml	1	Pass Excellent
Blue Green Algae	colonies/ml	0	
<i>On-site observations</i>			
None			

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Sample 2: RV2 (Royal Victoria Dock, East)

Test	Unit	Result	Interpretation (if applicable)
On-site measurements			
pH		8.95	
Electrical Conductivity	µS/cm, 25°C	6917	
Water Temperature	°C	19.3	
Dissolved Oxygen	mg/l	9.28	
Dissolved Oxygen Saturation	%	73.3	
Laboratory Analysis			
E.coli	no/100 ml	2	Pass Excellent
Enterococci	no/100 ml	0	Pass Excellent
Spirulina (cf subsalsa) (Phylum: Cyanobacteria, Order: Spirulinales)	colonies/ml	<1	Relatively Low
On-site observations			
None			

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Sample 3: RA3 (Royal Albert Dock, West)

Test	Unit	Result	Interpretation (if applicable)
<i>On-site measurements</i>			
pH		8.9	
Electrical Conductivity	µS/cm, 25°C	7230	
Water Temperature	°C	19.5	
Dissolved Oxygen	mg/l	9.28	
Dissolved Oxygen Saturation	%	74.4	
<i>Laboratory Analysis</i>			
E.coli	no/100 ml	0	Pass Excellent
Enterococci	no/100 ml	0	Pass Excellent
Blue Green Algae	colonies/ml	0	
<i>On-site observations</i>			
None			

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Sample 4: RA5 (Royal Albert Dock, East)

Test	Unit	Result	Interpretation (if applicable)
<i>On-site measurements</i>			
pH		8.96	
Electrical Conductivity	µS/cm, 25°C	7369	
Water Temperature	°C	19.9	
Dissolved Oxygen	mg/l	9.09	
Dissolved Oxygen Saturation	%	70.4	
<i>Laboratory Analysis</i>			
E.coli	no/100 ml	3	Pass Excellent
Enterococci	no/100 ml	0	Pass Excellent
Spirulina (cf subsalsa) (Phylum: Cyanobacteria, Order: Spirulinales)	colonies/ml	<1	Relatively Low
<i>On-site observations</i>			
None			

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Sample 5: KG7 (Royal George V Dock, West)

Test	Unit	Result	Interpretation (if applicable)
<i>On-site measurements</i>			
pH		8.8	
Electrical Conductivity	µS/cm, 25°C	7020	
Water Temperature	°C	19.8	
Dissolved Oxygen	mg/l	9.09	
Dissolved Oxygen Saturation	%	73.7	
<i>Laboratory Analysis</i>			
E.coli	no/100 ml	0	Pass Excellent
Enterococci	no/100 ml	0	Pass Excellent
Blue Green Algae	colonies/ml	0	
<i>On-site observations</i>			
None			

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Sample 6: KG8 (Royal George V Dock, East)

Test	Unit	Result	Interpretation (if applicable)
<i>On-site measurements</i>			
pH		8.87	
Electrical Conductivity	µS/cm, 25°C	6923	
Water Temperature	°C	19.2	
Dissolved Oxygen	mg/l	9.28	
Dissolved Oxygen Saturation	%	75.4	
<i>Laboratory Analysis</i>			
E.coli	no/100 ml	0	Pass Excellent
Enterococci	no/100 ml	0	Pass Excellent
Blue Green Algae	colonies/ml	0	
<i>On-site observations</i>			
None			

Algae comments

The samples were examined for the presence of cyanobacteria at upto x400 magnification. 200ml of each sample was then filtered to concentrate the cells and this was examined at upto x400 magnification.

1 species of cyanobacteria was found in the samples 2 & 4, at very low levels.

All the samples contained moderate levels of an unidentified, small-celled, colonial algae, most probably a genus of Sphaeropleales (green algae).

Microbiology results are interpreted against EC Bathing Water Directive (2006/7/EC) for inland waters.

Algae results are interpreted against the World Health Organisation ratings.

The testing results in this certificate relate only to the samples described above. Unless otherwise stated, all results are expressed on an as received basis. All microbiology analysis was carried out in UKAS accredited laboratory.

Please visit for more info on results thresholds.