

Water Quality Results Certificate



Client Name: Royal Docks Management Authority

Water Body Name: Royal Docks

Certificate Reference: TSBN2834104

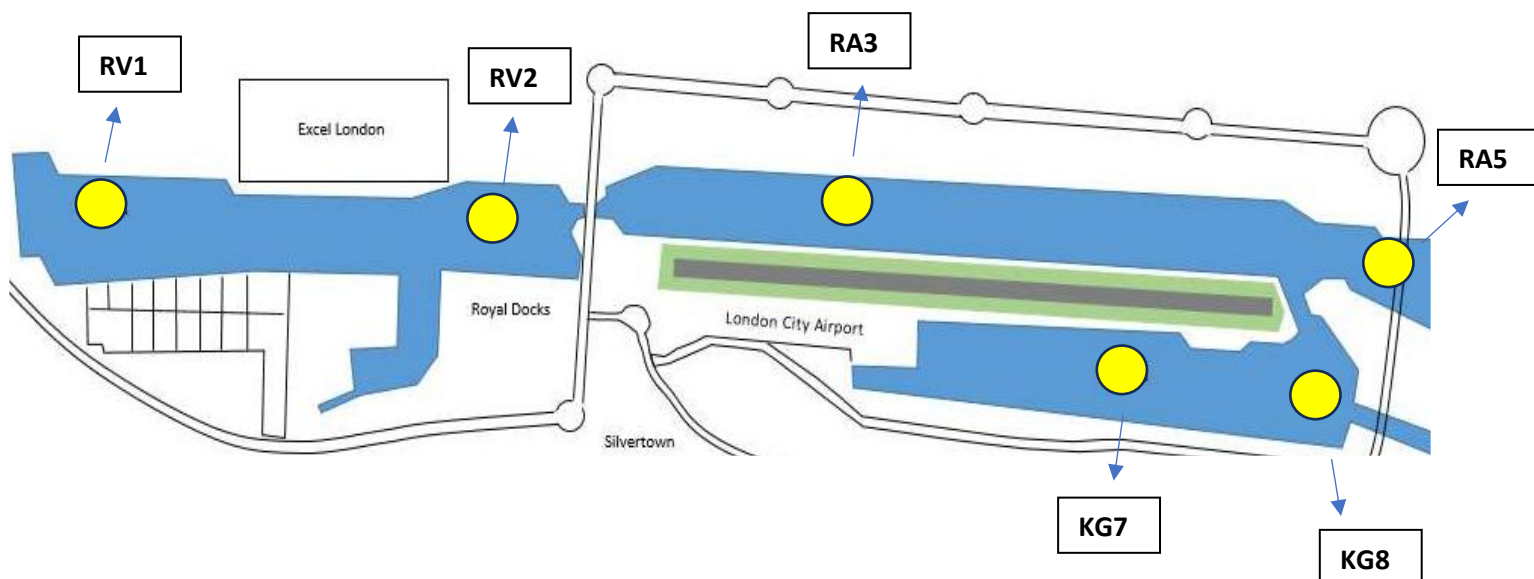
Analysis Start Date: 17/08/2026

Report Date: 20/08/2026

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	10:15-11:30					
Date sample taken	017/08/2026					
Weather	Overcast and windy.					

Locations Map



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Sample 1: RV1 (Royal Victoria Dock, West)

Test	Unit	Result	Interpretation (if applicable)
On-site measurements			
pH		9.04	
Electrical Conductivity	µS/cm, 25°C	9348	
Water Temperature	°C	24.1	
Dissolved Oxygen	mg/l	8.26	
Dissolved Oxygen Saturation	%	115	
Laboratory Analysis			
E. coli	no/100 ml	0	Pass Excellent
Enterococci	no/100 ml	7	Pass Excellent
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 50 cells	colonies/ml 59	2950	Relatively Low
On-site observations			
None			

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Sample 2: RV2 (Royal Victoria Dock, East)

Test	Unit	Result	Interpretation (if applicable)
On-site measurements			
pH		9.40	
Electrical Conductivity	µS/cm, 25°C	9431	
Water Temperature	°C	23.4	
Dissolved Oxygen	mg/l	8.42	
Dissolved Oxygen Saturation	%	77.2	
Laboratory Analysis			
E.coli	no/100 ml	0	Pass Excellent
Enterococci	no/100 ml	1	Pass Excellent
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 400 cells	colonies/ml 1	400	Relatively Low
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 150 cells	colonies/ml 2	300	Relatively Low
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 50 cells	colonies/ml 41	2050	Relatively Low
On-site observations			
None			

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Sample 3: RA3 (Royal Albert Dock, West)

Test	Unit	Result	Interpretation (if applicable)
On-site measurements			
pH		9.35	
Electrical Conductivity	µS/cm, 25°C	9498	
Water Temperature	°C	23.9	
Dissolved Oxygen	mg/l	8.42	
Dissolved Oxygen Saturation	%	45.1	
Laboratory Analysis			
E.coli	no/100 ml	0	Pass Excellent
Enterococci	no/100 ml	0	Pass Excellent
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 400 cells	colonies/ml 3	400	Relatively Low
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 150 cells	colonies/ml 1	300	Relatively Low
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 50 cells	colonies/ml 32	2050	Relatively Low
On-site observations			
None			

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Sample 4: RA5 (Royal Albert Dock, East)

Test	Unit	Result	Interpretation (if applicable)
On-site measurements			
pH		9.41	
Electrical Conductivity	µS/cm, 25°C	9662	
Water Temperature	°C	23.9	
Dissolved Oxygen	mg/l	8.42	
Dissolved Oxygen Saturation	%	64.1	
Laboratory Analysis			
E.coli	no/100 ml	0	Pass Excellent
Enterococci	no/100 ml	0	Pass Excellent
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 400 cells	colonies/ml 1	400	Relatively Low
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 150 cells	colonies/ml 3	450	Relatively Low
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 50 cells	colonies/ml 43	2150	Relatively Low
On-site observations			
None			

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

Test	Unit	Result	Interpretation (if applicable)
On-site measurements			
pH		9.30	
Electrical Conductivity	µS/cm, 25°C	9653	
Water Temperature	°C	24.1	
Dissolved Oxygen	mg/l	8.26	
Dissolved Oxygen Saturation	%	46.0	
Laboratory Analysis			
E.coli	no/100 ml	0	Pass Excellent
Enterococci	no/100 ml	0	Pass Excellent
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 150 cells	colonies/ml 1	150	Relatively Low
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 50 cells	colonies/ml 46	2300	Relatively Low
On-site observations			
None			

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

Test	Unit	Result	Interpretation (if applicable)
On-site measurements			
pH		9.29	
Electrical Conductivity	µS/cm, 25°C	9522	
Water Temperature	°C	24.2	
Dissolved Oxygen	mg/l	8.42	
Dissolved Oxygen Saturation	%	49.0	
Laboratory Analysis			
E.coli	no/100 ml	0	Pass Excellent
Enterococci	no/100 ml	0	Pass Excellent
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 150 cells	colonies/ml 2	300	Relatively Low
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 50 cells	colonies/ml 54	2700	Relatively Low
On-site observations			
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 all of the samples, at low levels.

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.