

Water Quality Results Certificate



Client Name: Royal Docks Management Authority

Water Body Name: Royal Docks

Certificate Reference: TSBN2747064

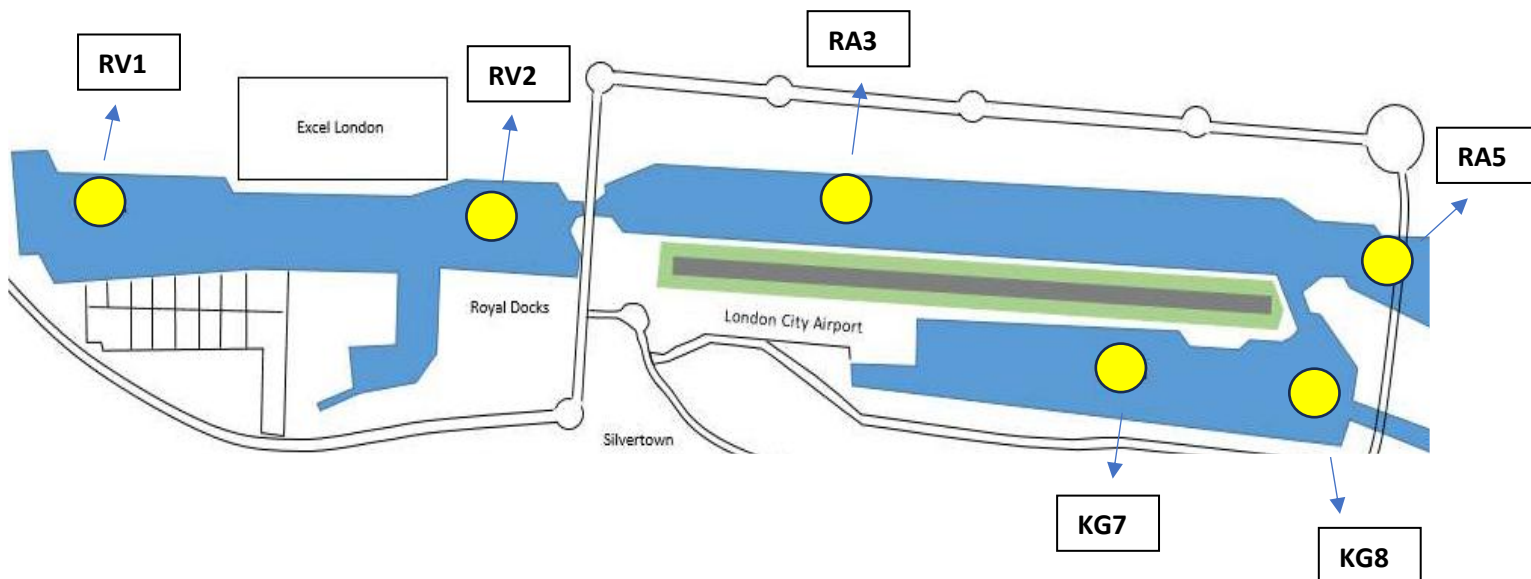
Analysis Start Date: 03/06/2026

Report Date: 08/06/2026

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	10:10-11:15					
Date sample taken	03/06/2026					
Weather	Cloudy and wet day.					

Locations Map



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Sample 1: RV1 (Royal Victoria Dock, West)

Test	Unit	Result	Interpretation (if applicable)
On-site measurements			
pH		9.16	
Electrical Conductivity	µS/cm, 25°C	6883	
Water Temperature	°C	19.6	
Dissolved Oxygen	mg/l	8.74	
Dissolved Oxygen Saturation	%	83.5	
Laboratory Analysis			
E. coli	no/100 ml	2	Pass Excellent
Enterococci	no/100 ml	9	Pass Excellent
Microcystis sp. <small>(Phylum: Cyanobacteria, Order: Chroococcales) 516 cells</small>	colonies/ml 65	33,540	Moderate (Warning Threshold)
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		9.42	
Electrical Conductivity	µS/cm, 25°C	6271	
Water Temperature	°C	20.6	
Dissolved Oxygen	mg/l	8.74	
Dissolved Oxygen Saturation	%	84.7	
Laboratory Analysis			
E.coli	no/100 ml	1	Pass Excellent
Enterococci	no/100 ml	9	Pass Excellent
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 516 cells	colonies/ml 104	53,664	Moderate (Warning Threshold)
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		9.34	
Electrical Conductivity	µS/cm, 25°C	6948	
Water Temperature	°C	19.4	
Dissolved Oxygen	mg/l	8.74	
Dissolved Oxygen Saturation	%	82.4	
Laboratory Analysis			
E.coli	no/100 ml	1	Pass Excellent
Enterococci	no/100 ml	15	Pass Excellent
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 138 cells	colonies/ml 137	18,906	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		9.54	
Electrical Conductivity	µS/cm, 25°C	6763	
Water Temperature	°C	19.8	
Dissolved Oxygen	mg/l	9.09	
Dissolved Oxygen Saturation	%	85.8	
Laboratory Analysis			
E.coli	no/100 ml	0	Pass Excellent
Enterococci	no/100 ml	4	Pass Excellent
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 516 cells	colonies/ml 75	38,700	Moderate (Warning Threshold)
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		9.37	
Electrical Conductivity	µS/cm, 25°C	7065	
Water Temperature	°C	19.3	
Dissolved Oxygen	mg/l	9.09	
Dissolved Oxygen Saturation	%	89.1	
Laboratory Analysis			
E.coli	no/100 ml	0	Pass Excellent
Enterococci	no/100 ml	0	Pass Excellent
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 516 cells	colonies/ml 119	61,404	Moderate (Warning Threshold)
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		9.45	
Electrical Conductivity	µS/cm, 25°C	7058	
Water Temperature	°C	19.2	
Dissolved Oxygen	mg/l	9.09	
Dissolved Oxygen Saturation	%	90.2	
Laboratory Analysis			
E.coli	no/100 ml	0	Pass Excellent
Enterococci	no/100 ml	4	Pass Excellent
Microcystis sp. (Phylum: Cyanobacteria, Order: Chroococcales) 138 cells	colonies/ml 175	24,150	Moderate (Warning Threshold)
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 and moderate 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.