

# Water Quality Results Certificate



**Client Name:** Royal Docks Management Authority

Water Body Name: Royal Docks

**Certificate Reference:** TSBN2763360

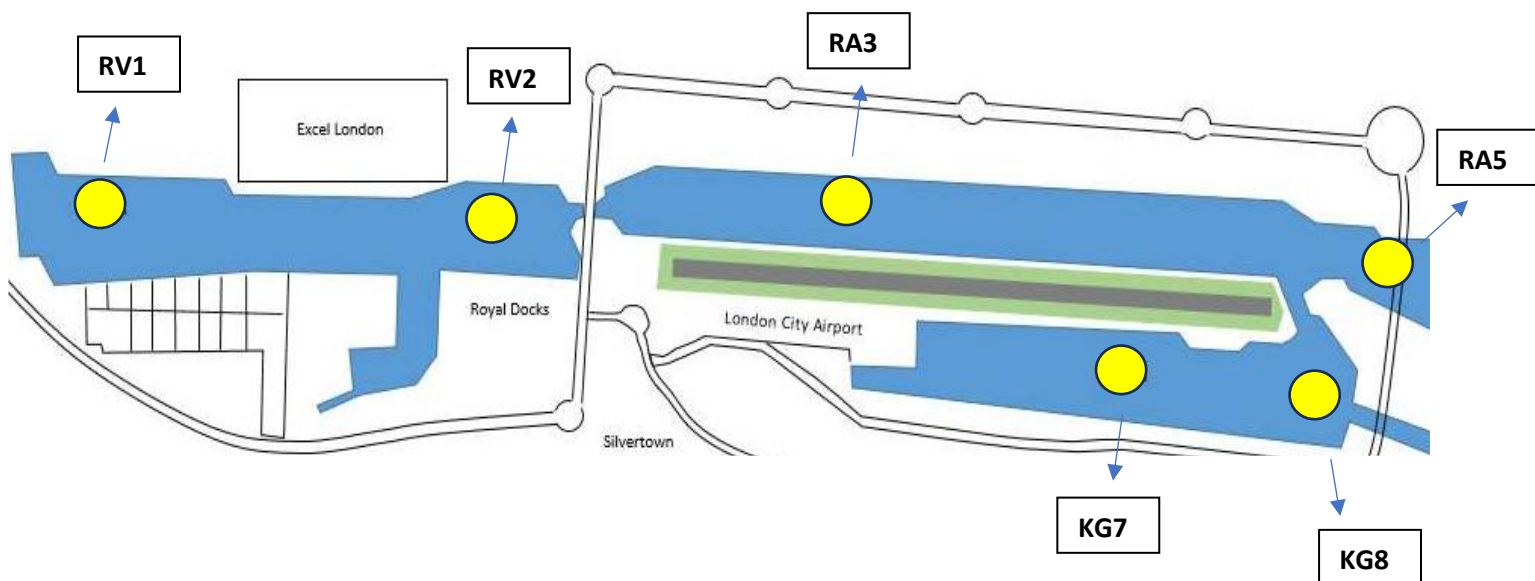
**Analysis Start Date:** 17/06/2026

**Report Date:** 20/06/2026

## Overview

<b>Location</b>	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
<b>Sample Number</b>	1	2	3	4	5	6
<b>Time sample taken</b>	10:15-11:20					
<b>Date sample taken</b>	17/06/2026					
<b>Weather</b>	Clear day. Sunny.					

## Locations Map



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## Sample 1: RV1 (Royal Victoria Dock, West)

Test	Unit	Result	Interpretation (if applicable)
<b>On-site measurements</b>			
<b>pH</b>		9.07	
<b>Electrical Conductivity</b>	µS/cm, 25°C	7553	
<b>Water Temperature</b>	°C	22.4	
<b>Dissolved Oxygen</b>	mg/l	8.74	
<b>Dissolved Oxygen Saturation</b>	%	96.1	
<b>Laboratory Analysis</b>			
<b>E. coli</b>	no/100 ml	1	<b>Pass Excellent</b>
<b>Enterococci</b>	no/100 ml	0	<b>Pass Excellent</b>
<b>Aphanocapsa</b> (Phylum: Cyanobacteria, Order: Chroococcales) 60 cells	colonies/ml 46	2,780	<b>Total calls/ml 3,580</b>
<b>Microcystis</b> (Phylum: Cyanobacteria, Order: Chroococcales) 100 cells	colonies/ml 8	800	
<b>On-site observations</b>			
None			

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## Sample 2: RV2 (Royal Victoria Dock, East)

Test	Unit	Result	Interpretation (if applicable)
<b>On-site measurements</b>			
<b>pH</b>		9.30	
<b>Electrical Conductivity</b>	µS/cm, 25°C	7289	
<b>Water Temperature</b>	°C	21.9	
<b>Dissolved Oxygen</b>	mg/l	8.74	
<b>Dissolved Oxygen Saturation</b>	%	93.8	
<b>Laboratory Analysis</b>			
<b>E.coli</b>	no/100 ml	2	<b>Pass Excellent</b>
<b>Enterococci</b>	no/100 ml	1	<b>Pass Excellent</b>
<b>Aphanocapsa</b> (Phylum: Cyanobacteria, Order: Chroococcales) 20 cells	colonies/ml 70	1,400	<b>Total calls/ml 2,900</b>
<b>Microcystis</b> (Phylum: Cyanobacteria, Order: Chroococcales) 50 cells	colonies/ml 30	1,500	
<b>On-site observations</b>			
None			

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## Sample 3: RA3 (Royal Albert Dock, West)

Test	Unit	Result	Interpretation (if applicable)
<b>On-site measurements</b>			
<b>pH</b>		9.11	
<b>Electrical Conductivity</b>	µS/cm, 25°C	7526	
<b>Water Temperature</b>	°C	21.4	
<b>Dissolved Oxygen</b>	mg/l	8.91	
<b>Dissolved Oxygen Saturation</b>	%	90.9	
<b>Laboratory Analysis</b>			
<b>E.coli</b>	no/100 ml	1	<b>Pass Excellent</b>
<b>Enterococci</b>	no/100 ml	0	<b>Pass Excellent</b>
<b>Aphanocapsa</b> (Phylum: Cyanobacteria, Order: Chroococcales) 65 cells	colonies/ml 15	975	<b>Total calls/ml 1,200</b>
<b>Microcystis</b> (Phylum: Cyanobacteria, Order: Chroococcales) 25 cells	colonies/ml 9	225	
<b>On-site observations</b>			
None			

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## Sample 4: RA5 (Royal Albert Dock, East)

Test	Unit	Result	Interpretation (if applicable)
<b>On-site measurements</b>			
<b>pH</b>		9.27	
<b>Electrical Conductivity</b>	µS/cm, 25°C	7547	
<b>Water Temperature</b>	°C	21.7	
<b>Dissolved Oxygen</b>	mg/l	8.74	
<b>Dissolved Oxygen Saturation</b>	%	90.4	
<b>Laboratory Analysis</b>			
<b>E.coli</b>	no/100 ml	1	<b>Pass Excellent</b>
<b>Enterococci</b>	no/100 ml	1	<b>Pass Excellent</b>
<b>Aphanocapsa</b> (Phylum: Cyanobacteria, Order: Chroococcales) 30 cells	colonies/ml 100	3,000	<b>Total calls/ml 10,500</b>
<b>Microcystis</b> (Phylum: Cyanobacteria, Order: Chroococcales) 250 cells	colonies/ml 30	7,500	
<b>On-site observations</b>			
None			

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

Test	Unit	Result	Interpretation (if applicable)
<b>On-site measurements</b>			
<b>pH</b>		9.14	
<b>Electrical Conductivity</b>	µS/cm, 25°C	7753	
<b>Water Temperature</b>	°C	21.8	
<b>Dissolved Oxygen</b>	mg/l	8.74	
<b>Dissolved Oxygen Saturation</b>	%	88.1	
<b>Laboratory Analysis</b>			
<b>E.coli</b>	no/100 ml	0	<b>Pass Excellent</b>
<b>Enterococci</b>	no/100 ml	0	<b>Pass Excellent</b>
<b>Aphanocapsa</b> (Phylum: Cyanobacteria, Order: Chroococcales) 220 cells	colonies/ml 15	3,300	<b>Total calls/ml 4,300</b>
<b>Microcystis</b> (Phylum: Cyanobacteria, Order: Chroococcales) 100 cells	colonies/ml 10	1,000	
<b>On-site observations</b>			
None			

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

Test	Unit	Result	Interpretation (if applicable)
<b>On-site measurements</b>			
<b>pH</b>		9.17	
<b>Electrical Conductivity</b>	µS/cm, 25°C	7289	
<b>Water Temperature</b>	°C	21.9	
<b>Dissolved Oxygen</b>	mg/l	8.74	
<b>Dissolved Oxygen Saturation</b>	%	85.8	
<b>Laboratory Analysis</b>			
<b>E.coli</b>	no/100 ml	1	<b>Pass Excellent</b>
<b>Enterococci</b>	no/100 ml	0	<b>Pass Excellent</b>
<b>Aphanocapsa</b> (Phylum: Cyanobacteria, Order: Chroococcales) 20 cells	colonies/ml 154	3,080	<b>Total calls/ml 4,480</b>
<b>Microcystis</b> (Phylum: Cyanobacteria, Order: Chroococcales) 100 cells	colonies/ml 14	1,400	
<b>On-site observations</b>			
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.

**2 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.