

Title	Water Quality
Subject	Environment
Description	Sampling of water quality specifications
Publisher	not published
Contributor	Environment Agency
Date	2007 -2012
Type	Sampling data
Format	Excel spreadsheet
Identifier	En03
Source	Environment Agency
Language	English
Relation	Meteor Communications (Europe) Ltd, ODA
Coverage	down stream of River Lee
Rights	Environment Agency

En 3: Water quality				
City				
Number of sites monitored				
		Bathing water		Nutrient
		Concentration of intestinal enterococci (faecal streptococci)	Concentration of Escherischia coli	Concentration of nitrate
Rivers	River Lee (Canning Town) (TQ3920081500) (1)			10.24 (6.84 - 15.7)
	River Lee (CarpentersRoad) (TQ3770084500) (1)			11.79 (8.15 - 17.4)
	Lea Navigation (Three Mills Lane) (TQ3820082800) (1)			8.64 (2.95 - 14.6)
	SWMP01 (E537058.98 N186065.4) (2)		37.2 (<1 - 201)	11.7 (8.4 - 15.4)
	SWMP07 (E537655.67 N184569.58) (2)		61.7 (<1 - 690)	11.5 (8.3 - 15.1)
	SWMP17 (E538094.86 N182960.31) (2)		4 (<1 - 32)	10.3 (4.7 - 14.1)
	SWMP42 (E538361.47 N183141.79) (2)		77 (<1 - 620)	11.3 (7.6 - 15.3)
Lakes	Site 1 (name)			
	Site 2 (name)			
	Site x (name)			
Coastal waters	Site 1 (name)			
	Site 2 (name)			
	Site x (name)			
Number of sites where				

Region	
Number of sites monitored	

		Bathing water		Nutrient
		Concentration of intestinal enterococci (faecal streptococci)	Concentration of Escherischia coli	Concentration of nitrate
Rivers	Site 1 (name)			
	Site 2 (name)			
	Site x (name)			
Lakes	Site 1 (name)			
	Site 2 (name)			
	Site x (name)			
Coastal waters	Site 1 (name)			
	Site 2 (name)			
	Site x (name)			
Number of sites where the WHO limits				

Sources	1 EA Data
	2 ODA Data
	3
	4
	5
	x

Notes

- 1) Faecal Streptococci data is not collected by ourselves or by the Environment Agency;
- 2) Orthophosphate / Phosphorus data is only collected by the Environment Agency, while E. Coli is only sampling strategies do not overlay there is not a clear overlay of data except at one point, (EA River Le SWMP7);
- 3) Locations have been provided within the table – as OS Grid references for the Environment Agency for the ODA points
- 4) The ODA sampling strategy covers a number of locations across the park, and only a few points hav Attached is a copy of the ODA surface water sampling strategy which provides a fuller explanation of the monthly basis to meet the planning conditions.







International Olympic Committee

OGI

OCOG's name: [x]  
Date of the Report: [yyyy;mm;dd]



The following figures are average values.

	TEMP	COND	DO-pcent	DO-MGL	PH	AMMONIU	TURBIDIT
<b>Spitalfields (ODA site)</b>							
01/01/2009 - 31/12/2009	15.14	919.99	69.22	7.15	7.63	1.00	18.06
01/01/2010 - 17/06/2010	10.52	905.20	77.55	8.84	7.71	0.71	14.12
01/01/2011 - 31/12/2011	15.14	919.99	69.22	7.15	7.63	0.91	18.06
01/01/2012 - 17/12/2012	13.09	915.03	67.12	7.29	7.52	1.44	21.68
<b>Carpenters Rd (ODA site)</b>							
30/08/2007 - 31/12/2007	13.69	1042.34	60.75	6.37	7.59	0.84	20.96
01/01/2008 - 31/12/2008	13.71	859.94	83.31	8.68	7.83	0.99	9.73
01/01/2009 - 31/12/2009	15.12	949.29	74.86	7.70	7.58	1.35	8.90
01/01/2010 - 31/12/2010	15.10	947.35	66.48	6.86	7.57	7.78	5.71
01/01/2011 - 17/06/2011, 2	12.58	988.41	72.40	7.82	7.52	1.06	8.33
01/01/2012 - 17/12/2012	14.48	920.78	74.40	7.67	7.54	1.11	23.11
<b>Sugar House Lane (ODA site)</b>							
16/10/2007 - 31/12/2007	10.01	888.64	86.36	9.78	7.86	1.11	28.83
01/01/2008 - 31/12/2008	13.52	879.21	79.28	8.41	7.79	35.69	15.28
01/01/2009 - 31/12/2009	14.26	933.97	67.11	7.09	7.59	1.33	11.45
01/01/2010 - 17/06/2010	10.90	905.34	80.36	9.05	7.64	0.77	10.11
01/01/2011 - 31/12/2011	16.32	940.73	53.84	5.33	7.42	1.37	59.94
01/01/2012 - 17/12/2012	14.06	888.16	66.96	6.98	7.52	1.18	9.58

Temperature in Degrees C

Conductivity in Microsiemens

Dissolved Oxygen electrochemically measured in % Saturation

Dissolved Oxygen electrochemically measured in milligrams per litre

pH

Ammonium in milligrams per litre

Turbidity in nephelometric turbidity units

Dissolved Oxygen optically measured in % Saturation

Battery voltage

Unionised Ammonia calculated from above measurements



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32.49	13.93	0.02
79.05	13.92	0.01
32.49	13.93	0.02
72.98	13.95	0.01

	13.70	
	13.31	0.01
26.20	13.10	0.18
64.17	13.34	0.35
68.75	13.31	0.01
69.85	14.10	0.11

	14.41	
	14.20	0.01
26.72	14.05	0.23
80.27	13.79	0.01
57.82	14.19	0.01
70.65	13.72	0.01