

Results showing selected bacteriological and physio-chemical parameters, for the samples taken 10<sup>th</sup> to 14<sup>th</sup> March 2015, in different parts of  
Kampala

SN	Sampling Date	Sampling Point	Electrical Conductivity (µs/cm)	pH (pH units)	Turbidity (NTU)	Colour (PtCo)	Esherichia coliform (cfu/100 mL)	Feacal coliform (cfu/100 mL)	Residual Cl2 (mg/L)
<b>Northern Zone</b>									
1	12/03/2015	Kawanda Research Institute	136	7.1	0.32	5	0	0	0.10
2	12/03/2015	Katanga Near JB hotel	143	6.8	0.14	1	0	0	0.15
3	12/03/2015	Matuga Kirwanyira Village	139	6.2	0.29	12	0	0	0.05
4	12/03/2015	Kamamboga Sekanyonyi	138	7.3	0.20	6	0	0	0.05
5	12/03/2015	Wandegeya Police	135	7.0	0.39	5	0	0	0.10
6	12/03/2015	Kalerwa Market	136	6.9	0.42	3	0	0	0.25
7	12/03/2015	Kazo Central	141	6.8	0.26	2	0	0	0.05
8	12/03/2015	Kawala near police	136	6.6	0.32	1	0	0	0.10
9	12/03/2015	Kagoma P. School	128	6.8	0.32	1	0	0	0.15
10	12/03/2015	Kawempe holy Family	134	7.0	0.21	2	0	0	0.15
11	12/03/2015	Bwaise Kimombasa	149	6.9	0.18	3	0	0	0.10
12	12/03/2015	Kawempe police	134	6.9	0.24	1	0	0	0.30
13	12/03/2015	Namuggona TC	137	7.0	0.12	1	0	0	0.05
14	12/03/2015	Kasubi Market	134	7.0	0.20	3	0	0	0.30
15	10/03/2015	Naguru Kasenke	144	6.9	0.08	2	0	0	0.35
16	10/03/2015	Kawempe police	140	7.0	0.41	1	0	0	0.12
17	10/03/2015	Ntinda stretcher	138	7.0	0.65	3	0	0	0.45
18	10/03/2015	Kyebando Nsoba	143	7.4	0.26	3	0	0	0.20
19	10/03/2015	Matugga Mabanda Shell	145	7.0	0.01	2	0	0	0.10
20	10/03/2015	Maganjo Total	140	6.9	0.13	1	0	0	0.08
21	10/03/2015	Matugga kuminabiri	137	7.0	0.29	2	0	0	0.11
22	10/03/2015	St Kizito Bwaise	139	7.0	0.15	2	0	0	0.18
23	10/03/2015	Kawempe industrial zone	140	7.1	0.17	1	0	0	0.09
24	10/03/2015	Kanyanya police	136	7.5	0.36	4	0	0	0.20
<b>Eastern Zone</b>									
25	12/03/2015	Bugolobi Children, Clinic	142	7.0	0.23	2	0	0	0.10
26	11/03/2015	Bugolobi Market	141	7.2	0.94	5	0	0	0.50
27	11/03/2015	Namilyango Village	145	7.0	0.07	1	0	0	0.05
28	11/03/2015	Mukono Market	140	7.0	0.23	5	0	0	0.05
29	11/03/2015	Wantoni Mukono	140	7.0	0.28	5	0	0	0.10
30	11/03/2015	Seeta market	140	7.1	0.67	14	0	0	0.10
31	11/03/2015	Bweyogerere Butto	136	7.0	0.84	15	0	0	0.40
32	10/03/2015	Mutungo Outlet	136	6.2	0.27	3	0	0	0.30
33	10/03/2015	Kyambogo Unvesity	133	7.0	0.54	1	0	0	0.09
34	10/03/2015	Kinawataaka	139	6.9	0.68	1	0	0	0.15
35	10/03/2015	MUBS	137	7.2	0.18	2	0	0	0.13
36	10/03/2015	Mutungo Outlet	136	6.2	0.43	2	0	0	0.30
37	10/03/2015	Lakeside College, Mutungo	141	7.1	0.20	3	0	0	0.50
38	10/03/2015	Kataza	139	7.0	0.36	2	0	0	0.11
39	10/03/2015	Kireka B	137	7.0	0.63	4	0	0	0.12
40	10/03/2015	Nakawa Market	142	7.0	0.08	1	0	0	0.52
41	10/03/2015	Banda Station	140	6.7	0.53	4	0	0	0.22

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<b>Central Zone</b>									
42	14/3/2015	Lyna Nursery Sch Albert Cook Rd	149	6.5	0.96	14	0	0	0.10
43	14/3/2015	Katwe II	138	6.6	1.21	6	0	0	0.15
44	14/3/2015	Fire Brigade	139	6.5	1.38	4	0	0	0.25
45	13/3/2015	Ecoil Kasenyi	142	6.6	0.31	4	0	0	0.20
46	13/3/2015	City High school Kololo	138	6.9	0.16	1	0	0	0.15
47	13/3/2015	Arua Park	135	7.2	0.11	3	0	0	0.20
48	13/3/2015	All Saints' Nakasero	138	6.9	0.04	1	0	0	0.10
49	13/3/2015	Grand Imperial Hotel	142	7.0	0.51	9	0	0	0.30
50	13/3/2015	Namirembe Tank	134	6.9	0.95	7	0	0	0.50
51	13/3/2015	Nakasero Gunhill Tank inlet	141	7.0	0.21	3	0	0	0.20
52	12/03/2015	UMI	140	6.8	0.23	2	0	0	0.10
53	12/03/2015	Kamwokya Community Centre	136	7.0	0.26	1	0	0	0.20
54	11/03/2015	Nakasero statehouse line	147	7.09	0.58	4	0	0	0.10
55	11/03/2015	Nakesero Market	146	6.75	0.29	2	0	0	0.45
56	11/03/2015	Kiseka Market	144	6.96	0.46	5	0	0	0.20
57	11/03/2015	Nakasero Gun hill	143	6.66	0.29	2	0	0	0.40
58	11/03/2015	Muyenga Tank E	135	6.96	0.70	5	0	0	1.50
59	11/03/2015	Shell Entebbe Road Near Shoprite	143	6.70	0.26	2	0	0	0.20
60	11/03/2015	Muyenga Tank	140	6.99	0.30	3	0	0	0.40
61	11/03/2015	Muyenga Tank D	140	6.83	0.84	2	0	0	0.30
62	11/03/2015	Nakasero Gunhill Tank	137	6.70	0.34	4	0	0	0.80
63	10/03/2015	Muyenga Tap	141	6.8	0.29	3	0	0	0.25
64	10/03/2015	Nakasero Gunhill Tank	147	6.6	0.23	2	0	0	0.55
<b>South-Western Zone</b>									
65	14/3/2015	Nsambya Kirombe	135	6.5	0.80	7	0	0	0.40
66	14/3/2015	Green Hill Academy Kibuli	135	6.5	0.81	9	0	0	0.45
67	13/3/2015	Namasuba Islamic school	145	6.5	0.39	4	0	0	0.80
68	12/03/2015	Total Katwe	142	6.6	0.37	9	0	0	0.10
69	11/03/2015	Molly and Paul school Makindye	146	6.9	0.26	6	0	0	0.80
70	11/03/2015	Namasuba Market	139	7.0	2.55	15	0	0	0.80
71	11/03/2015	Busabala Rd Clinic	148	6.8	0.30	7	0	0	0.15
72	11/03/2015	Makindye kisungu Zone	141	6.9	0.03	6	0	0	0.35
73	11/03/2015	Namuwongo Market	140	6.9	0.26	7	0	0	0.25
74	11/03/2015	Kirinya Bukasa	140	6.9	0.45	3	0	0	0.50
75	11/03/2015	Mt Carmel Kansanga Nursery	139	6.9	0.23	10	0	0	0.25

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<b>Western Zone</b>									
76	14/3/2015	Kabojja Primary School	147	6.6	1.14	12	0	0	0.10
77	14/3/2015	Kyengera T/C	152	6.6	1.20	9	0	0	0.10
78	14/3/2015	Nateete Market	137	6.5	1.18	14	0	0	0.20
79	14/3/2015	Mutundwe PAPSCA	149	6.9	1.62	13	0	0	0.20
80	14/3/2015	Nalukolongo Market	143	6.9	1.01	10	0	0	0.20
81	14/3/2015	Rubaga Nabunya	141	6.6	1.14	11	0	0	0.10
82	14/3/2015	Wankulukuku Kabowa	155	6.5	1.17	12	0	0	0.30
83	14/3/2015	Lubiri High School	140	6.6	0.75	7	0	0	0.25
84	14/3/2015	Kabakanjagala Road	140	6.5	1.00	9	0	0	0.10
85	12/03/2015	Nansaana Market	138	7.0	0.29	4	0	0	0.05
86	12/03/2015	Busega T.C	139	7.0	2.14	14	0	0	0.05
87	12/03/2015	Bulenga T.C	142	7.0	0.32	5	0	0	0.15
88	03/12/2015	City oil Bakuli	131	6.7	0.25	8	0	0	0.10
89	03/10/2015	Rubaga	145	6.9	1.71	14	0	0	0.35
90	03/10/2015	Nalukolongo	141	6.9	0.20	0	0	0	0.20
<b>National Standard</b>			<b>1000</b>	<b>6.5-8.0</b>	<b>5.00</b>	<b>15</b>	<b>min 95% not detected</b> <b>Max 1% not above 1</b>	<b>Same as E-coli</b>	

#### Compliance status

- All points visited had presence of Residue Chlorine which safeguards from microbiological contamination.
- The selected physio-chemical parameters (colour, turbidity, pH and EC) showed satisfactory quality with 100% compliance to National Standards.
- The bacteriological parameters showed satisfactory quality with 100% compliance to National Standards for E Coli, Faecal Coliform.

#### Other Comments

- A residual chlorine chart has been developed and distributed to all quality personnel and reservoir attendants, including those in the Areas, to help them closely monitor the free chlorine of 0.2-0.5 mg/L required in the network. (at the reservoirs it can be more when required)
- Continuous chlorine boosting for selected reservoirs in Kampala with use of plastic dispensers will begin next week.