

## WATER COMPOSITION RANGE FOR THE NEW BACK UP SUPPLY AND CURRENT SUPPLY

Parameters	Current Supply Range		Back Up Supply Range		Regulatory Limit
	Min	Max	Min	Max	PCV*
1,2 Dichloroethane	0	0	0	0	3
Aldrin	0	0	0	0	0.03
Alkalinity as (mg/l as CaCO <sub>3</sub> )	3.9	114	49	163	-
Aluminium	4.8	151	5	10	200
Ammonium	0.014	0.07	0.013	0.043	0.5
Antimony	0.036	4.41	0.1	0.4	5
Arsenic	0.076	0.139	0.16	3.217	10
Benzene	0.04	0.05	0	0	1
Benzo-3,4 Pyrene	0	0	0	0	0.01
Boron	0.007	0.015	0	0	1
Bromate	0.63	1.66	0.55	1.87	10
Cadmium	0.006	0.011	0	0.043	5
Calcium hardness (mg/l as CaCO <sub>3</sub> )	23	41	90	239	-
Chloride	0.05	0.17	8.36	92.14	250
Chromium	0.05	0.17	0.11	0.55	10
Clostridium perfringens	0	0	0	0	0
Coliform Bacteria	0	0	0	0	0
Colony Count After 48 Hours at 37°C	0	0	0	0	-
Colour	0.28	1.08	0.2	1.42	-
Conductivity	92.4	336	225	764	-
Copper	0.0015	0.0015	0.0009	0.0039	2
Cyanide	0.7	2	2.2	2.5	50
Dieldrin	0.002	0.003	0	0	0.03
E. coli	0	0	0	0	0
Enterococci	0	0	0	0	0
Fluoride	0.3	0.81	0	1.05	-
Free Chlorine	0.32	1.2	0.1	0.7	-
Heptachlor	0.001	0.002	0	0	0.03
Iron	10	95	10	11	200
Lead	0.26	0.26	0.11	0.5	10
Manganese	0.4	3.5	0.2	12.6	50
Mercury	0.022	0.022	0	0	1
Nickel	0.92	1.9	0.58	2.2	20
Nitrate	1.97	8.57	5.6	40	50
PAH	0	0	0	0	0.1
pH	6.85	8.5	6.5	8.18	-
Selenium	0	0	0.04	0.47	10
Sodium	9.1	12.6	6	62	200
Total hardness	28.9	51.2	90	352	-
Total Organic Carbon	0.4	1.5	1.5	2.8	-
Turbidity	0.06	0.42	0.06	1	4

\*PCV - Prescribed Concentration Value

**WONDERFUL ON TAP**

