

**1999**  
**CITY OF BALTIMORE**  
**DEPARTMENT OF PUBLIC WORKS**  
**BUREAU OF WATER AND WASTEWATER - WATER QUALITY SECTION**  
**TREATED WATER ANALYSES ANNUAL AVERAGES**  
(All data listed in milligrams per liter unless otherwise noted)

<b>INORGANICS</b>	<b>MCL</b>	<b>ASHBURTON</b>	<b>MONTEBELLO</b>
Alkalinity, as CaCO <sub>3</sub>		42	56
Ammonia, as nitrogen		<0.01	<0.02
Bicarbonates		51	68
Chloride		29	38
Color, units		1	1
Fluorides	4	0.91	0.88
Hardness, EDTA as CaCO <sub>3</sub>		80	96
Nitrate, as nitrogen	10	1.63	1.26
Nitrite, as nitrogen	1	<0.01	<0.01
pH, units		7.9	7.9
Phosphate, as phosphorus		<0.01	<0.01
Silica		3.8	5.4
Specific Conductance (pmho/cm)		235	287
Sulfate		15.0	17.0
Total Residue (103'-105')		133.6	155.2
Turbidity, NTU	0.5	0.06	0.07
Volatile Residue (500'-600')		36.9	25.1
<b>METALS</b>			
Aluminum		0.04	0.08
Antimony	0.006	<0.002	<0.002
Arsenic	0.050	<0.002	<0.002
Barium	2.0	0.02	0.03
Beryllium	0.004	<0.0005	<0.0005
Cadmium	0.005	<0.0005	<0.0005,
Calcium		21.2	25.2
Chromium	0.10	<0.005	<0.005
Copper	1.3	0.006	0.004
Iron		0.01	0.01
Lead	0.015	<0.002	<0.002
Magnesium		4.6	6.3
Manganese		0.01	0.01
Mercury	0.002	<0.0005	<0.0005
Nickel	0.10	<0.001	<0.001
Potassium		1.84	2.06
Selenium	0.05	<0.002	<0.002
Sodium		11.7	17.5
Thallium	0.002	<0.001	<0.001
Zinc		0.006	0.009

NOTE: MCL refers to the Maximum Contaminant Level allowed under the Safe Drinking Water Act.

\*\*Action level -- not an MCL

Turbidity values are for filtered water samples.