

# 2008

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><u>MCL</u></b>	<b><u>ASHBURTON</u></b>	<b><u>MONTEBELLO</u></b>
Alkalinity, as CaCO <sub>3</sub>		44	60
Ammonia, as nitrogen		<0.01	0.01
Chloride		35	49
Color, units		1	1
Fluorides	4	0.88	0.97
Hardness, EDTA as CaCO <sub>3</sub>		74	109
Nitrate, as nitrogen	10	1.66	1.95
Nitrites, as nitrogen	1	<0.01	<0.01
Perchlorate		<0.002	<0.002
PH, units		7.9	7.9
Phosphate, as phosphorus		<0.01	0.01
Silica		4.3	5.5
Specific Conductance (µmho/cm)		253	349
Sulfate		15.8	19.0
Total Residue (103°-105°)		132.1	166.1
Turbidity, NTU	1.0	0.18	0.27
Volatile Residue (500°-600°)		32.9	45.9
<b>METALS</b>			
Aluminum		0.04	0.04
Antimony	0.006	<0.005	<0.005
Arsenic	0.010	<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		21.1	27.9
Chromium	0.10	<0.002	<0.002
Copper	1.3 **	<0.002	<0.002
Iron		<0.01	0.01
Lead	0.015 **	<0.002	<0.002
Magnesium		5.53	8.09
Manganese		0.01	0.01
Mercury	0.002	<0.0005	<0.0005
Nickel	0.10	<0.002	<0.002
Potassium		2.49	2.98
Selenium	0.05	<0.005	<0.005
Sodium		16.1	19.0
Thallium	0.002	<0.002	<0.002
Zinc		<0.014	<0.018

**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.