

Captured Rainwater Quality Data – Atlanta March 2010

	EPA Maximum Level	Untreated Rainwater	Treated Rainwater
Total Coliforms	1	None	None
Turbidity	5	3.7	2.9
pH	6.5-8.5	6.5	6.5
Alkalinity	NA	5	5
TDS	500	36	204
Chloride	250	1.3	0.25
Calcium	NA	3.1	3
Carbon Dioxide	NA	4.55	5.26
Chromium	0.1	Negligible	Negligible
Conductivity	500	20	20
Aluminum	0.2	0.19	0.13
Boron	NA	Negligible	Negligible
Cadmium	0.005	Negligible	Negligible
Copper	1.3	0.01	0.05
Fluoride	4	0.07	0.03
Iron	0.3	0.14	0.08
Magnesium	NA	0.1	0.1
Manganese	0.05	Negligible	Negligible
Molybdenum	NA	Negligible	Negligible
Nickel	NA	Negligible	Negligible
Nitrate+Nitrite	NA	0.24	0.31
NO3 Nitrate-Nitrogen	10	0.24	0.31
NO2 Nitrate-Nitrogen	1	Negligible	Negligible
Phosphate	NA	Negligible	Negligible
Phosphorus	NA	Negligible	Negligible
Potassium	NA	0.4	0.4
Silica	NA	0.75	0.73
Sodium	NA	0.5	0.3
Sulfate	250	1.8	1.98
Zinc	5	0.03	0.07