

OMO & KRH**For Year - 2011****Inorganic Parameters**

Results in mg/L unless noted

| <u>Parameter</u> | <u>Metro Water Services</u> | <u>MCL</u> |
|----------------------|-----------------------------|----------------------|
| Antimony - total ** | <0.001 | 0.006 |
| Arsenic ** | <0.001 | 0.05 |
| Asbestos * | not detected | 7 million fibers / L |
| Barium ** | 0.027 | 2 |
| Beryllium - total ** | <0.0002 | 0.004 |
| Cadmium ** | <0.0001 | 0.005 |
| Chromium ** | <0.0004 | 0.1 |
| Cyanide | <0.005 | 0.2 |
| Fluoride | 0.65 | 4 |
| Lead | 0.001 | 0.015 (action level) |
| Mercury ** | <0.0001 | 0.002 |
| Nickel ** | <0.0007 | 0.1 |
| Nitrate | 0.56 | 10 |
| Nitrite | <0.02 | 1 |
| Selenium ** | <0.0006 | 0.05 |
| Thallium - total ** | <0.0006 | 0.002 |

* Analyzed 2011

** Analyzed 2009

Secondary Standards

Results in mg/L unless noted

| <u>Parameter</u> | <u>Metro Water Services</u> | <u>MCL</u> |
|-------------------------|-----------------------------|------------------------|
| Chloride | 7.6 | 250 |
| Color | 2 | 15 (Color Units) |
| Copper | 0.380 | 1.3 (action level) |
| MBAS | <0.1 | 0.5 |
| Iron ** | 0.017 | 0.3 |
| Manganese ** | 0.004 | 0.05 |
| Sulfate | 37.3 | 250 |
| Total Dissolved Solids | 134 | 500 |
| Zinc ** | 0.006 | 5 |
| Odor (Threshold odor #) | 1.1 | 3 (TON) |
| pH | 7.1 | 6.5 to 8.5 (Std Units) |
| Silver ** | <0.0004 | 0.1 |
| Aluminum ** | 0.015 | 0.2 |

** Analyzed 2009

Trihalomethane

results in micrograms per liter

| <u>Parameter</u> | <u>Metro Water Services</u> | <u>MCL</u> |
|-------------------------------|-----------------------------|------------|
| Trichloromethane | 23.3 | N/A |
| Bromodichloromethane | 5.1 | N/A |
| Dibromochloromethane | 0.3 | N/A |
| Tribromomethane | <0.1 | N/A |
| Total Trihalomethanes (THM's) | 28.7 | 80 |

Haloacetic Acids

results in micrograms per liter

| <u>Parameter</u> | <u>Metro Water Services</u> | <u>MCL</u> |
|--------------------------------|-----------------------------|------------|
| Monochloroacetic Acid | <2 | N/A |
| Dichloroacetic Acid | 12.8 | N/A |
| Trichloroacetic Acid | 13.5 | N/A |
| Monobromoacetic Acid | <1 | N/A |
| Dibromoacetic Acid | <1 | N/A |
| Total Haloacetic Acids (HAA's) | 26.3 | 60 |

Organic Parameters

Results in mg/L unless noted

Regulated Pesticides

| <u>Parameter</u> | <u>Metro Water Services</u> | <u>MCL</u> |
|--------------------------------|-----------------------------|------------|
| Atrazine (Analyzed April 2011) | not detected | 0.003 |

Organic Parameters

Results in mg/L unless noted

Regulated Herbicides

| <u>Parameter</u> | <u>Metro Water Services</u> | <u>MCL</u> |
|-------------------------------------|-----------------------------|------------|
| Simazine (Analyzed February&June,20 | not detected | 0.004 |

Radiochemical Parameters

Analyzed November 2006

| <u>Parameter</u> | <u>Metro Water Services</u> | <u>MCL</u> |
|--------------------|-----------------------------|---------------|
| Gross Alpha | <3.0 pci/L | 15 pci / L |
| Radium - 226 / 228 | <0.46 / 1.01 pci/L | 3 / 5 pci / L |

Miscellaneous

Results in mg/L unless noted

| <u>Parameter</u> | <u>Metro Water Services</u> | <u>MCL</u> |
|--------------------|-----------------------------|-----------------|
| Sodium | 6.4 | not established |
| Hardness (Calcium) | 72 | not established |
| Alkalinity | 56 | not established |
| Temperature | 19 | not established |
| Langlier Index | -1.1 | not established |
| Aggressive Index | 10.6 | not established |

Results in mg/L unless noted

Volatile Organic Chemicals Analyzed December 2011 **Regulated**

Parameter

Metro Water Services

MCL

| | | |
|--------------------------------|--------------|-------|
| Benzene | not detected | 0.005 |
| Carbon Tetrachloride | not detected | 0.005 |
| Para - Dichlorobenzene | not detected | 0.075 |
| 1,2 - Dichloroethane | not detected | 0.005 |
| 1,1 - Dichloroethylene | not detected | 0.007 |
| 1,1,1 - Trichloroethane | not detected | 0.20 |
| Trichloroethylene | not detected | 0.005 |
| Vinyl Chloride | not detected | 0.002 |
| cis -1,2 - Dichloroethylene | not detected | 0.07 |
| Dichloromethane | not detected | 0.005 |
| 1,2 - Dichloropropane | not detected | 0.005 |
| Ethylbenzene | not detected | 0.7 |
| Monochlorobenzene | not detected | 0.1 |
| o - Dichlorobenzene | not detected | 0.6 |
| Styrene | not detected | 0.1 |
| Tetrachloroethylene | not detected | 0.005 |
| Toluene | not detected | 1 |
| trans - 1,2 - Dichloroethylene | not detected | 0.1 |
| Xylenes (total) | not detected | 10 |
| 1,2,4 - Trichlorobenzene | not detected | 0.07 |
| 1,1,2 - Trichloroethane | not detected | 0.005 |

Results in mg/L unless noted

Volatile Organic Chemicals

Analyzed December 2011

Unregulated

Parameter

Metro Water Services

MCL

| | | |
|-----------------------------|--------------|------|
| Bromobenzene | not detected | none |
| Bromodichloromethane | 0.0023 | none |
| Bromoform | not detected | none |
| Bromomethane | not detected | none |
| Chlorodibromomethane | not detected | none |
| Chloroethane | not detected | none |
| Chloroform | 0.0059 | none |
| Chloromethane | not detected | none |
| o - Chlorotoluene | not detected | none |
| p - Chlorotoluene | not detected | none |
| Dibromomethane | not detected | none |
| m - Dichlorobenzene | not detected | none |
| 1,1 - Dichloroethane | not detected | none |
| 1,3 - Dichloropropane | not detected | none |
| 2,2 - Dichloropropane | not detected | none |
| 1,1 - Dichloropropene | not detected | none |
| 1,3 - Dichloropropene | not detected | none |
| 1,1,1,2 - Tetrachloroethane | not detected | none |
| 1,1,2,2 - Tetrachloroethane | not detected | none |
| 1,2,3 - Trichloropropane | not detected | none |