

2008 WATER QUALITY DATA

MICROBIOLOGICAL CONTAMINANTS:				
<i>Substance</i>	<i>MCL</i>	<i>Monitoring Requirements</i>	<i>Month with Highest Number of Positive Samples</i>	<i>Sources of Contaminant</i>
Coliform Bacteria	coliform bacteria in more than 1 sample per month	6 per month	1-Sep-07	Naturally present in the environment

<i>Substance</i>	<i>MCL</i>	<i>Maximum Level Detected</i>	<i>Lowest Monthly Percentage</i>	<i>Sources of Contaminant</i>
Turbidity	0.3 NTU in 95% of all samples taken within one month	0.21	0%	Agriculture, Geology

RADIONUCLIDES					
<i>Substance</i>	<i>MCL</i>	<i>Average Level Detected</i>	<i>Range of Detection</i>	<i>Date Sampled</i>	<i>Sources of Contaminant</i>
Gross Alpha	50 UG/L	.901 UG/L	.433 - 1.96 UG/L	2004	Geology

ORGANIC CHEMICAL CONTAMINANTS					
<i>Substance</i>	<i>MCL</i>	<i>Maximum Annual Average</i>	<i>EPA MCLG (EPA Goal)</i>	<i>Date Sampled</i>	<i>Sources of Contaminant</i>
Trihalomethanes	80 UG/L	117 UG/L	0 UG/L	Quarterly	Disinfection by-products
Haloacetic Acids	60 UG/L	45.4 UG/L	n/a	Quarterly	Disinfection by-products

TOTAL ORGANIC CARBON					
<i>TOC Raw Maximum</i>	<i>TOC Finished Maximum</i>	<i>Avg. of Required % Removal</i>	<i>Range of Actual % Removal</i>	<i>Date Sampled</i>	<i>Ratio</i>
		37.20750%	3.3%-82.0%	Monthly	

INORGANIC CONTAMINANTS					
<i>Substance</i>	<i>MCL</i>	<i>Maximum Level Detected</i>	<i>EPA MCLG (EPA Goal)</i>	<i>Date Sampled</i>	<i>Sources of Contaminant</i>
Arsenic	0.010 MG/L	BPQL		2008	Naturally present in environment
Barium	2 ppm	.066 MG/L	2 ppm	2006	Drilling waste, natural erosion
Fluoride	4 ppm	.00 MG/L	4 ppm	2006	Erosion of natural deposits; water additive which promotes strong teeth
Nitrate (measured as Nitrogen)	10 UG/L	0.26	10 UG/L	2008	Runoff from fertilizer use; septic tanks or sewage

LEAD AND COPPER (Regulated at Customer's Tap)				
<i>Substance</i>	<i>Action Level *</i>	<i>90% Sample Detected</i>	<i>Date Sampled</i>	<i>Sources of Contaminant</i>
Lead	15 UG/L	12 UG/L	3Y2006	Corrosion of home water pipes
Copper	1.3 UG/L	.308 UG/L	3Y2006	Corrosion of home water pipes

*Action Level - 90% of samples must be below this level.

DISINFECTION BYPRODUCTS STAGE 2				
<i>Substance</i>	<i>MCL</i>	<i>Maximum Level Detected</i>	<i>Date Sampled</i>	<i>Sources of Contaminant</i>
Trihalomethanes	80 UG/L	190 UG/L	Every 90 days at designated sites	Disinfection by-products
Haloacetic Acids	60	81 UG/L	1st sample taken Nov 2008	

**CITY OF TULSA
2008 WATER QUALITY DATA**

Regulated Contaminants	Average	Minimum	Maximum
Turbidity level found			0.3
Lowest monthly % meeting regs			100%
Total Coliform Bacteria within distribution system			0.470%
Chlorine	1.8	0.25	2.8
Chlorite	0.13	0.02	0.28
Copper		0.13 ppm at the 90th percentile	
Fluoride	0.9	0	1.7
Gross Alpha Radionuclides	0.8	0	1.7
Haloacetic Acids	0.019	0.005	0.079
Lead		.003 ppm at the 90th percentile	
Nitrate	0.53	0	2
Total Organic Carbon	44%	17.00%	64.00%
Trihalomethane	0.048	0.018	0.151
Unregulated Contaminants	Average	Minimum	Maximum
Sodium	12	6	22