

**CITY OF AUSTIN**  
**WATER QUALITY SUMMARY**  
**1st Quarter Averages (January 1, 2010 to March 31, 2010)**

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CONSTITUENT (mg/L)	DWTP	UWTP	DWTP	UWTP	SDWA Tap
	Raw	Raw	Tap	Tap	MCL/[SMCL]
Total Ammonia (as N)	0.03	0.03	0.55	0.58	
Free Ammonia (as N)	---	---	0.11	0.13	
Calcium	61	62	14	17	
Chlorine Residual	---	---	2.56	2.50	
Fluoride	0.20	0.20	0.72	0.75	4/[2]
Magnesium	20	20	18	16	
Sulfate	42.4	44.2	49.8	49.1	[250]
Total Phosphate	<0.04	<0.04	0.76	0.66	
Total Hardness (as CaCO <sub>3</sub> )	235	238	111	109	
pH (units)	8.2	8.2	9.7	9.5	[>7.0]
Conductivity (umhos/cm)	556	564	356	354	
Total Alkalinity (as CaCO <sub>3</sub> )	189	189	64	61	
Phenol Alkalinity (as CaCO <sub>3</sub> )	0	0	17	13	
Total Solids	340	339	217	214	[500]
Threshold Odor (TON)	4	4	0	0	[3]
Total Organic Carbon	3.36	3.52	2.65	2.41	
Turbidity (NTU)	2.56	2.58	0.07	0.04	0.3
Silica	7.5	7.6	7.1	6.9	
UV254 (cm <sup>-1</sup> )	0.070	0.070	0.060	0.050	
Total Coliform (Col/100ml)	105	38	<1	<1	
<u>E.Coli</u> (Col/100ml)	13	9	<1	<1	

**Parameters listed below were analyzed by the Texas Department of State Health Services for compliance with the Safe Drinking Water Act.**

CONSTITUENT (mg/L)	DWTP	UWTP	DWTP	UWTP	SDWA Tap
	Raw	Raw	Tap	Tap	MCL/[SMCL]
Haloacetic Acids (HAA5)	&	&	0.0126	0.0144	0.060
Trihalomethane	&	&	0.0193	0.0323	0.080
Chloride	&	&	42	43	[250]
Sodium	&	&	20.9	21.3	---
Aluminum	&	&	0.017	0.008	[0.05 - 0.2]
Arsenic	&	&	<0.002	<0.002	0.01
Barium	&	&	0.007	0.010	2
Cadmium	&	&	<0.001	<0.001	0.005
Chromium	&	&	<0.001	<0.001	0.1
Copper	&	&	<0.001	<0.001	1.3 **
Iron	&	&	<0.05	<0.05	[0.3]
Lead	&	&	<0.001	<0.001	0.015 **
Manganese	&	&	<0.001	<0.001	[0.05]
Mercury	&	&	<0.0002	<0.0002	0.002
Nickel	&	&	<0.001	<0.001	[0.10]
Selenium	&	&	<0.004	<0.004	0.05
Silver	&	&	<0.001	<0.001	0.1
Antimony	&	&	<0.001	<0.001	0.006
Beryllium	&	&	<0.001	<0.001	0.004
Thallium	&	&	<0.001	<0.001	0.002
Zinc	&	&	<0.004	<0.004	[5.0]
Endrin	&	&	<0.00001	<0.00001	0.002
Lindane	&	&	<0.00002	<0.00002	0.0002
Methoxychlor	&	&	<0.0001	<0.0001	0.04

SDWA MCL = Safe Drinking Water Act Maximum Contaminant Level

SMCL = Secondary Maximum Contaminant Level standard recommended by TCEQ for aesthetic quality

\*\* = Action Levels

< = Symbol indicates levels are below detection limits of the instrumentation or method

& = No data available