

**CITY OF AUSTIN
WATER QUALITY SUMMARY
1st Quarter Averages (January 1, 2013 to March 31, 2013)**

CONSTITUENT (mg/L)	DWTP	UWTP	DWTP	UWTP	SDWA Tap
	Raw	Raw	Tap	Tap	MCL/[SMCL]
Total Ammonia (as N)	---	---	0.52	0.57	
Free Ammonia (as N)	---	---	0.09	0.12	
Calcium	43	43	13	14	
Chlorine Residual	---	---	2.63	2.55	
Fluoride	0.25	0.25	0.49	0.70	4/[2]
Magnesium	23	23	19	19	
Sulfate	31.6	31.9	40.4	42.2	[250]
Total Phosphate	0.03	0.03	0.94	0.94	
Total Hardness (as CaCO ₃)	204	205	112	115	
pH (units)	8.3	8.3	9.7	9.6	[>7.0]
Conductivity (umhos/cm)	519	518	368	370	
Total Alkalinity (as CaCO ₃)	171	171	76	78	
Phenol Alkalinity (as CaCO ₃)	0	0	20	18	
Total Solids	283	282	189	195	[500]
Threshold Odor (TON)	4	4	0	0	[3]
Total Organic Carbon	3.79	3.85	2.72	2.78	
Turbidity (NTU)	2.89	2.71	0.06	0.04	0.3
Silica	8.9	9.0	7.7	7.8	
UV254 (cm ⁻¹)	0.070	0.070	0.050	0.050	
Total Coliform (Col/100ml)	47	44	<1	<1	
E.Coli (Col/100ml)	10	10	<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)	&	&	0.0169	0.0163	0.060
Trihalomethane	&	&	0.0209	0.0265	0.080
Chloride	&	&	41	41	[250]
Sodium	&	&	24.3	24.3	---
Aluminum	&	&	0.017	0.008	[0.05 - 0.2]
Arsenic	&	&	<0.002	<0.002	0.01
Barium	&	&	0.007	0.009	2
Cadmium	&	&	<0.001	<0.001	0.005
Chromium	&	&	<0.001	<0.001	0.1
Copper	&	&	<0.001	<0.001	1.3 **
Iron	&	&	0.04	0.03	[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	&	&	0.012	0.008	[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