

CITY OF AUSTIN
WATER QUALITY SUMMARY
1st Quarter Averages (January 1, 2012 to March 31, 2012)

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)	---	---	0.08	0.13	
Calcium	50	50	12	16	
Chlorine Residual	---	---	2.58	2.52	
Fluoride	0.24	0.24	0.57	0.73	4/[2]
Magnesium	22	22	20	18	
Sulfate	37.3	37.0	47.9	42.6	[250]
Total Phosphate	0.03	0.03	0.96	0.62	
Total Hardness (as CaCO ₃)	214	216	111	112	
pH (units)	8.2	8.3	9.6	9.6	[>7.0]
Conductivity (umhos/cm)	539	534	374	375	
Total Alkalinity (as CaCO ₃)	174	174	68	69	
Phenol Alkalinity (as CaCO ₃)	0	0	16	17	
Total Solids	316	311	210	211	[500]
Threshold Odor (TON)	4	4	0	0	[3]
Total Organic Carbon	3.57	3.71	2.68	2.57	
Turbidity (NTU)	2.73	2.79	0.08	0.04	0.3
Silica	7.6	7.7	6.8	6.8	
UV254 (cm ⁻¹)	0.070	0.080	0.060	0.060	
Total Coliform (Col/100ml)	121	210	<1	<1	
<u>E.Coli</u> (Col/100ml)	30	24	<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)	&	&	0.0135	0.0114	0.060
Trihalomethane	&	&	0.0352	0.0312	0.080
Chloride	&	&	45	45	[250]
Sodium	&	&	24.4	25.4	---
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