

CITY OF AUSTIN
WATER QUALITY SUMMARY
1st Quarter Averages (January 1, 2011 to March 31, 2011)

CONSTITUENT (mg/L)	DWTP	UWTP	DWTP	UWTP	SDWA Tap
	Raw	Raw	Tap	Tap	MCL/[SMCL]
Total Ammonia (as N)	---	---	0.56	0.55	
Free Ammonia (as N)	---	---	0.12	0.11	
Calcium	48	48	13	14	
Chlorine Residual	---	---	2.63	2.50	
Fluoride	0.24	0.23	0.68	0.68	4/[2]
Magnesium	19	19	17	15	
Sulfate	27.6	27.6	38.6	36.6	[250]
Total Phosphate	0.05	0.04	0.70	0.96	
Total Hardness (as CaCO ₃)	198	199	104	100	
pH (units)	8.2	8.3	9.8	9.6	[>7.0]
Conductivity (umhos/cm)	466	469	306	301	
Total Alkalinity (as CaCO ₃)	174	173	74	71	
Phenol Alkalinity (as CaCO ₃)	0	0	22	18	
Total Solids	261	261	167	163	[500]
Threshold Odor (TON)	4	4	0	0	[3]
Total Organic Carbon	3.52	3.61	2.66	2.48	
Turbidity (NTU)	5.93	4.74	0.08	0.05	0.3
Silica	8.2	8.0	7.3	7.1	
UV254 (cm ⁻¹)	0.080	0.080	0.060	0.060	
Total Coliform (Col/100ml)	44	45	<1	<1	
<u>E.Coli (Col/100ml)</u>	5	5	<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)	&	&	0.0172	0.0153	0.060
Trihalomethane	&	&	0.0358	0.0356	0.080
Chloride	&	&	31	31	[250]
Sodium	&	&	17.6	17.5	---
Aluminum	&	&	<0.002	<0.002	[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