

CITY OF AUSTIN
WATER QUALITY SUMMARY
4th Quarter Averages (October 1, 2011 to December 31, 2011)

CONSTITUENT (mg/L)	DWTP	UWTP	DWTP	UWTP	SDWA Tap
	Raw	Raw	Tap	Tap	MCL/[SMCL]
Total Ammonia (as N)	---	---	0.52	0.52	
Free Ammonia (as N)	---	---	0.08	0.10	
Calcium	38	39	11	14	
Chlorine Residual	---	---	2.68	2.46	
Fluoride	0.26	0.26	0.64	0.59	4/[2]
Magnesium	22	22	18	17	
Sulfate	25.8	25.6	28.2	31.0	[250]
Total Phosphate	0.04	0.04	0.94	0.47	
Total Hardness (as CaCO ₃)	187	187	104	104	
pH (units)	8.3	8.3	9.6	9.6	[>7.0]
Conductivity (umhos/cm)	456	457	328	323	
Total Alkalinity (as CaCO ₃)	162	162	75	75	
Phenol Alkalinity (as CaCO ₃)	0	0	20	19	
Total Solids	265	266	183	179	[500]
Threshold Odor (TON)	4	4	0	0	[3]
Total Organic Carbon	3.66	3.69	2.64	2.62	
Turbidity (NTU)	3.44	3.46	0.06	0.05	0.3
Silica	11.6	11.6	9.9	9.4	
UV254 (cm ⁻¹)	0.070	0.070	0.050	0.050	
Total Coliform (Col/100ml)	79	95	<1	<1	
E.Coli (Col/100ml)	11	11	<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)	&	&	0.0168	0.0144	0.060
Trihalomethane	&	&	0.0390	0.0338	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