

**CITY OF AUSTIN**  
**WATER QUALITY SUMMARY**  
**4th Quarter Averages (October 1, 2012 to December 31, 2012)**

CONSTITUENT (mg/L)	DWTP	UWTP	DWTP	UWTP	SDWA Tap
	Raw	Raw	Tap	Tap	MCL/[SMCL]
Total Ammonia (as N)	---	---	0.54	0.57	
Free Ammonia (as N)	---	---	0.10	0.13	
Calcium	41	41	11	11	
Chlorine Residual	---	---	2.64	2.54	
Fluoride	0.24	0.25	0.63	0.70	4/[2]
Magnesium	23	23	20	20	
Sulfate	31.0	31.3	40.1	38.9	[250]
Total Phosphate	0.07	0.03	0.82	0.83	
Total Hardness (as CaCO <sub>3</sub> )	197	197	109	108	
pH (units)	8.2	8.2	9.7	9.6	[>7.0]
Conductivity (umhos/cm)	510	511	366	364	
Total Alkalinity (as CaCO <sub>3</sub> )	168	168	77	73	
Phenol Alkalinity (as CaCO <sub>3</sub> )	0	0	22	18	
Total Solids	291	296	202	198	[500]
Threshold Odor (TON)	4	4	0	0	[3]
Total Organic Carbon	3.73	3.83	2.74	2.60	
Turbidity (NTU)	3.08	2.98	0.08	0.04	0.3
Silica	10.4	10.4	9.1	8.5	
UV254 (cm <sup>-1</sup> )	0.070	0.070	0.060	0.050	
Total Coliform (Col/100ml)	25	48	<1	<1	
E.Coli (Col/100ml)	4	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)	&	&	0.0120	0.0139	0.060
Trihalomethane	&	&	0.0134	0.0286	0.080
Chloride	&	&	45	45	[250]
Sodium	&	&	24.4	24.5	---
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