



Austin Water Utility

CITY OF AUSTIN

WATER QUALITY SUMMARY

4th Quarter Averages (October 1, 2013 to December 31, 2013)

CONSTITUENT (mg/L)	DWTP	UWTP	DWTP	UWTP	SDWA Tap
	Raw	Raw	Tap	Tap	MCL/[SMCL]
Total Ammonia (as N)	---	---	0.60	0.64	
Free Ammonia (as N)	---	---	0.10	0.13	
Calcium	54	54	14	16	
Chlorine Residual	---	---	2.81	2.63	
Fluoride	0.21	0.21	0.66	0.71	4/[2]
Magnesium	19	19	16	15	
Sulfate	35.2	35.2	41.5	40.7	[250]
Total Phosphate	0.12	0.06	0.70	0.67	
Total Hardness (as CaCO ₃)	214	211	101	100	
pH (units)	8.1	8.1	9.6	9.6	[>7.0]
Conductivity (umhos/cm)	492	486	324	319	
Total Alkalinity (as CaCO ₃)	174	172	56	53	
Phenol Alkalinity (as CaCO ₃)	0	0	15	14	
Total Solids	318	312	196	198	[500]
Threshold Odor (TON)	4	4	0	0	[3]
Total Organic Carbon	4.43	4.65	2.96	2.81	
Turbidity (NTU)	10.73	9.72	0.08	0.05	0.3
Silica	9.4	9.3	8.0	7.6	
UV254 (cm ⁻¹)	0.110	0.120	0.070	0.070	
Total Coliform (Col/100ml)	682	718	<1	<1	
E.Coli (Col/100ml)	173	288	<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)	&	&	0.0112	0.0129	0.060
Trihalomethane	&	&	0.0349	0.0412	0.080
Chloride	&	&	41	41	[250]
Sodium	&	&	24.1	23.4	---
Aluminum	&	&	<0.00408	<0.00400	[0.05 - 0.2]
Arsenic	&	&	0.000934	<0.000700	0.01
Barium	&	&	0.0103	0.00319	2
Cadmium	&	&	<0.000408	<0.000400	0.005
Chromium	&	&	0.000429	0.000415	0.1
Copper	&	&	0.000425	0.00121	1.3 **
Iron	&	&	0.0264	<0.0200	[0.3]
Lead	&	&	<0.000408	<0.000400	0.015 **
Manganese	&	&	<0.000408	<0.000400	[0.05]
Mercury	&	&	<0.0000700	<0.0000700	0.002
Nickel	&	&	<0.000408	0.000450	[0.10]
Selenium	&	&	<0.00102	<0.00100	0.05
Silver	&	&	<0.000408	<0.000400	0.1
Antimony	&	&	<0.000204	<0.000200	0.006
Beryllium	&	&	<0.000204	<0.000200	0.004
Thallium	&	&	<0.000204	<0.000200	0.002
Zinc	&	&	<0.00204	<0.00200	[5.0]
Endrin	&	&	<0.0000101	<0.0000101	0.002
Lindane	&	&	<0.0000202	<0.0000202	0.0002
Methoxychlor	&	&	<0.0000809	<0.0000809	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