



Austin Water Utility

CITY OF AUSTIN

WATER QUALITY SUMMARY

3rd Quarter Averages (July 1, 2013 to September 30, 2013)

CONSTITUENT (mg/L)	DWTP Raw	UWTP Raw	DWTP Tap	UWTP Tap	SDWA Tap MCL/[SMCL]
Total Ammonia (as N)	---	---	0.56	0.57	
Free Ammonia (as N)	---	---	0.11	0.14	
Calcium	41	41	10	9	
Chlorine Residual	---	---	2.82	2.49	
Fluoride	0.24	0.24	0.60	0.59	4/[2]
Magnesium	23	23	16	19	
Sulfate	30.0	29.6	37.5	34.5	[250]
Total Phosphate	0.04	0.04	0.99	0.81	
Total Hardness (as CaCO ₃)	198	199	96	101	
pH (units)	8.3	8.2	9.7	9.6	[>7.0]
Conductivity (umhos/cm)	504	506	339	348	
Total Alkalinity (as CaCO ₃)	167	168	63	66	
Phenol Alkalinity (as CaCO ₃)	0	0	19	18	
Total Solids	287	280	188	194	[500]
Threshold Odor (TON)	4	4	0	0	[3]
Total Organic Carbon	4.18	4.35	2.74	2.61	
Turbidity (NTU)	3.71	3.59	0.06	0.04	0.3
Silica	8.7	8.8	6.7	6.9	
UV254 (cm ⁻¹)	0.060	0.070	0.050	0.050	
Total Coliform (Col/100ml)	52	43	<1	<1	
E.Coli (Col/100ml)	6	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 Raw	UWTP Raw	DWTP Tap	UWTP Tap	SDWA Tap MCL/[SMCL]
Haloacetic Acids (HAA5)	&	&	0.0123	0.0099	0.060
Trihalomethane	&	&	0.0287	0.0329	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