

CITY OF AUSTIN
WATER QUALITY SUMMARY
3rd Quarter Averages (July 1, 2012 to September 30, 2012)

CONSTITUENT (mg/L)	DWTP	UWTP	DWTP	UWTP	SDWA Tap
	Raw	Raw	Tap	Tap	MCL/[SMCL]
Total Ammonia (as N)	---	---	0.55	0.56	
Free Ammonia (as N)	---	---	0.10	0.14	
Calcium	39	40	10	11	
Chlorine Residual	---	---	2.62	2.45	
Fluoride	0.23	0.23	0.61	0.56	4/[2]
Magnesium	23	22	18	18	
Sulfate	29.7	29.6	34.0	33.8	[250]
Total Phosphate	0.06	0.04	0.77	0.75	
Total Hardness (as CaCO ₃)	190	192	98	102	
pH (units)	8.2	8.2	9.7	9.7	[>7.0]
Conductivity (umhos/cm)	497	498	352	353	
Total Alkalinity (as CaCO ₃)	160	162	66	68	
Phenol Alkalinity (as CaCO ₃)	0	0	20	19	
Total Solids	282	282	193	193	[500]
Threshold Odor (TON)	4	4	0	0	[3]
Total Organic Carbon	3.97	4.12	2.70	2.57	
Turbidity (NTU)	4.00	3.82	0.07	0.04	0.3
Silica	9.9	10.0	8.1	7.6	
UV254 (cm ⁻¹)	0.070	0.080	0.060	0.050	
Total Coliform (Col/100ml)	123	88	<1	<1	
E.Coli (Col/100ml)	13	22	<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)	&	&	0.0229	0.0202	0.060
Trihalomethane	&	&	0.0586	0.0496	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