

CITY OF AUSTIN
WATER QUALITY SUMMARY
2nd Quarter Averages (April 1, 2012 to June 30, 2012)

CONSTITUENT (mg/L)	DWTP	UWTP	DWTP	UWTP	SDWA Tap
	Raw	Raw	Tap	Tap	MCL/[SMCL]
Total Ammonia (as N)	---	---	0.57	0.57	
Free Ammonia (as N)	---	---	0.10	0.13	
Calcium	43	45	11	14	
Chlorine Residual	---	---	2.58	2.39	
Fluoride	0.24	0.24	0.60	0.64	4/[2]
Magnesium	23	23	18	17	
Sulfate	34.4	36.0	39.3	38.1	[250]
Total Phosphate	0.04	0.04	0.88	0.77	
Total Hardness (as CaCO ₃)	200	205	99	106	
pH (units)	8.3	8.2	9.6	9.6	[>7.0]
Conductivity (umhos/cm)	527	534	348	361	
Total Alkalinity (as CaCO ₃)	168	170	68	61	
Phenol Alkalinity (as CaCO ₃)	0	0	18	18	
Total Solids	301	307	199	204	[500]
Threshold Odor (TON)	4	4	0	0	[3]
Total Organic Carbon	4.05	4.17	2.78	2.67	
Turbidity (NTU)	3.86	3.67	0.07	0.05	0.3
Silica	7.4	7.4	5.9	6.2	
UV254 (cm ⁻¹)	0.070	0.070	0.050	0.050	
Total Coliform (Col/100ml)	41	54	<1	<1	
E.Coli (Col/100ml)	3	4	<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)	&	&	0.0090	0.0140	0.060
Trihalomethane	&	&	0.0370	0.0289	0.080
Chloride	&	&	45	45	[250]
Sodium	&	&	24.4	25.4	---
Aluminum	&	&	0.017	0.008	[0.05 - 0.2]
Arsenic	&	&	<0.002	<0.002	0.01
Barium	&	&	0.007	0.009	2
Cadmium	&	&	<0.001	<0.001	0.005
Chromium	&	&	<0.001	<0.001	0.1
Copper	&	&	<0.001	<0.001	1.3 **
Iron	&	&	0.04	0.03	[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	&	&	0.012	0.008	[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