

CITY OF AUSTIN
WATER QUALITY SUMMARY
2nd Quarter Averages (April 1, 2013 to June 30, 2013)

CONSTITUENT (mg/L)	DWTP	UWTP	DWTP	UWTP	SDWA Tap
	Raw	Raw	Tap	Tap	MCL/[SMCL]
Total Ammonia (as N)	---	---	0.53	0.52	
Free Ammonia (as N)	---	---	0.10	0.11	
Calcium	42	43	10	12	
Chlorine Residual	---	---	2.62	2.42	
Fluoride	0.24	0.24	0.34	0.63	4/[2]
Magnesium	23	23	18	18	
Sulfate	31.0	31.8	40.2	39.3	[250]
Total Phosphate	0.03	0.03	0.94	0.86	
Total Hardness (as CaCO ₃)	200	202	104	105	
pH (units)	8.2	8.2	9.6	9.6	[>7.0]
Conductivity (umhos/cm)	504	503	350	358	
Total Alkalinity (as CaCO ₃)	167	168	69	69	
Phenol Alkalinity (as CaCO ₃)	0	0	18	18	
Total Solids	293	296	199	202	[500]
Threshold Odor (TON)	4	4	0	0	[3]
Total Organic Carbon	3.91	4.00	2.81	2.71	
Turbidity (NTU)	3.53	3.64	0.07	0.04	0.3
Silica	7.9	7.9	6.7	6.7	
UV254 (cm ⁻¹)	0.070	0.070	0.050	0.050	
Total Coliform (Col/100ml)	117	85	<1	<1	
E.Coli (Col/100ml)	15	12	<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)	&	&	0.0132	0.0130	0.060
Trihalomethane	&	&	0.0322	0.0302	0.080
Chloride	&	&	41	41	[250]
Sodium	&	&	24.3	24.3	---
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