

CITY OF AUSTIN
WATER QUALITY SUMMARY
3rd Quarter Averages (July 1, 2011 to September 30, 2011)

CONSTITUENT (mg/L)	DWTP	UWTP	DWTP	UWTP	SDWA Tap
	Raw	Raw	Tap	Tap	MCL/[SMCL]
Total Ammonia (as N)	---	---	0.51	0.52	
Free Ammonia (as N)	---	---	0.08	0.10	
Calcium	41	41	10	13	
Chlorine Residual	---	---	2.60	2.49	
Fluoride	0.24	0.24	0.60	0.56	4/[2]
Magnesium	20	21	17	14	
Sulfate	24.6	24.7	28.5	26.3	[250]
Total Phosphate	0.03	0.03	1.02	0.63	
Total Hardness (as CaCO ₃)	188	188	94	92	
pH (units)	8.2	8.2	9.8	9.7	[>7.0]
Conductivity (umhos/cm)	449	449	296	285	
Total Alkalinity (as CaCO ₃)	164	165	70	67	
Phenol Alkalinity (as CaCO ₃)	0	0	23	20	
Total Solids	260	263	164	158	[500]
Threshold Odor (TON)	4	4	0	0	[3]
Total Organic Carbon	3.37	3.42	2.38	2.21	
Turbidity (NTU)	2.87	2.98	0.06	0.03	0.3
Silica	9.2	9.3	8.1	7.1	
UV254 (cm ⁻¹)	0.070	0.070	0.050	0.050	
Total Coliform (Col/100ml)	36	43	<1	<1	
<u>E.Coli</u> (Col/100ml)	4	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)	&	&	0.0133	0.0111	0.060
Trihalomethane	&	&	0.0349	0.0296	0.080
Chloride	&	&	42	43	[250]
Sodium	&	&	20.9	21.3	---
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