

CITY OF AUSTIN
WATER QUALITY SUMMARY
3rd Quarter Averages (July 1, 2010 to September 30, 2010)

Preface

CONSTITUENT (mg/L)	DWTP	UWTP	DWTP	UWTP	SDWA Tap
	Raw	Raw	Tap	Tap	MCL/[SMCL]
Total Ammonia (as N)	0.03	0.03	0.52	0.56	
Free Ammonia (as N)	---	---	0.08	0.15	
Calcium	49	50	12	15	
Chlorine Residual	---	---	2.60	2.43	
Fluoride	0.20	0.19	0.80	0.79	4/[2]
Magnesium	17	17	14	12	
Sulfate	27.6	27.7	31.0	29.2	[250]
Total Phosphate	<0.04	<0.04	0.94	0.79	
Total Hardness (as CaCO ₃)	193	196	88	88	
pH (units)	8.3	8.3	9.8	9.6	[>7.0]
Conductivity (umhos/cm)	458	460	281	277	
Total Alkalinity (as CaCO ₃)	168	170	58	58	
Phenol Alkalinity (as CaCO ₃)	0	0	20	17	
Total Solids	288	292	174	178	[500]
Threshold Odor (TON)	4	4	0	0	[3]
Total Organic Carbon	5.36	5.50	2.89	2.78	
Turbidity (NTU)	11.83	8.13	0.06	0.04	0.3
Silica	10.0	10.1	9.3	9.0	
UV254 (cm ⁻¹)	0.110	0.110	0.060	0.060	
Total Coliform (Col/100ml)	583	520	<1	<1	
<u>E.Coli</u> (Col/100ml)	7	7	<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)	&	&	0.0572	0.0475	0.060
Trihalomethane	&	&	0.0929	0.0760	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