



Austin Water Utility

CITY OF AUSTIN WATER QUALITY SUMMARY 3rd Quarter 2014

Average Results for Samples Collected July 1, 2014 to September 30, 2014							
CONSTITUENT (mg/L)	DWTP	UWTP	DWTP		UWTP		SDWA Tap MCL/[SMCL]
	Raw	Raw	Tap		Tap		
Total Ammonia (as N)	---	---	0.59		0.65		
Free Ammonia (as N)	---	---	0.10		0.16		
Calcium	43	43	11		12		
Chlorine Residual	---	---	2.82		2.69		
Fluoride	0.23	0.24	0.64		0.53		4/[2]
Magnesium	22	22	16		16		
Sulfate	34.7	34.8	34.6		36.4		[250]
Total Phosphate	0.05	0.04	0.53		0.71		
Total Hardness (as CaCO ₃)	198	199	91		95		
pH (units)	8.3	8.3	9.6		9.7		[>7.0]
Conductivity (umhos/cm)	516	517	340		348		
Total Alkalinity (as CaCO ₃)	167	168	55		59		
Phenol Alkalinity (as CaCO ₃)	0	0	16		17		
Total Solids	290	289	178		184		[500]
Threshold Odor (TON)	4	4	0		0		[3]
Total Organic Carbon	4.20	4.39	2.71		2.60		
Turbidity (NTU)	5.60	4.88	0.04		0.04		0.3
Silica	8.3	8.2	6.6		6.7		
UV254 (cm ⁻¹)	0.070	0.070	0.050		0.050		
Total Coliform (Col/100ml)	85	98	<1		<1		
E.Coli (Col/100ml)	5	6	<1		<1		

< set of averaged measurements contains results that are less than the method detection limit

Parameters listed below were collected and analyzed by TCEQ Contractors for compliance with the Safe Drinking Water Act.							
CONSTITUENT (mg/L)	DWTP Raw	UWTP Raw	DWTP Tap	Detection Limit	UWTP Tap	Detection Limit	SDWA Tap MCL/[SMCL] in mg/L
Disinfection By Products, Collected On:			6/2/2014		6/2/2014		
Haloacetic Acids (HAA5)	&	&	0.0168		0.0175		0.060
Trihalomethane	&	&	0.0372		0.0396		0.080
Pesticides, Collected On:			3/10/2014		3/10/2014		
Endrin	&	&	ND	0.00001	ND	0.00001	0.002
Lindane	&	&	ND	0.00002	ND	0.00002	0.0002
Methoxychlor	&	&	ND	0.0001	ND	0.0001	0.04
Inorganics, Collected On:			3/10/2014		3/10/2014		
Chloride	&	&	50		50		[250]
Sodium	&	&	27.2		26.4		---
Metals, Collected On:			3/10/2014		3/10/2014		
Aluminum	&	&	ND	0.0200	ND	0.0200	[0.05 - 0.2]
Arsenic	&	&	ND	0.0020	ND	0.0020	0.01
Barium	&	&	0.0067		0.0104		2
Cadmium	&	&	ND	0.0010	ND	0.0010	0.005
Chromium	&	&	ND	0.0100	ND	0.0100	0.1
Copper	&	&	ND	0.0020	0.0117	0.0020	1.3 **
Iron	&	&	0.034	0.010	ND	0.010	[0.3]
Lead	&	&	ND	0.0010	ND	0.0010	0.015 **
Manganese	&	&	ND	0.0010	ND	0.0010	[0.05]
Mercury	&	&	ND	0.00040	ND	0.00040	0.002
Nickel	&	&	ND	0.0010	ND	0.0010	[0.10]
Selenium	&	&	ND	0.0030	ND	0.0030	0.05
Silver	&	&	ND	0.0100	ND	0.0100	[0.1]
Antimony	&	&	ND	0.0010	ND	0.0010	0.006
Beryllium	&	&	ND	0.00080	ND	0.00080	0.004
Thallium	&	&	ND	0.00040	ND	0.00040	0.002
Zinc	&	&	ND	0.0050	ND	0.0050	[5.0]

SDWA MCL = Safe Drinking Water Act Maximum Contaminant Level

SMCL = Secondary Maximum Contaminant Level standard recommended by TCEQ for aesthetic quality

** = Action Levels

ND = Indicates levels are below detection limits of the instrumentation or method

& = No data available

col/100ml = Colonies per 100 milliliters

mg/L = milligrams per liter