



Austin Water Utility

CITY OF AUSTIN WATER QUALITY SUMMARY 1st Quarter 2014

Average Results for Samples Collected January 1, 2014 to March 31, 2014							
CONSTITUENT (mg/L)	DWTP	UWTP	DWTP		UWTP		SDWA Tap MCL/[SMCL]
	Raw	Raw	Tap		Tap		
Total Ammonia (as N)	---	---	0.59		0.59		
Free Ammonia (as N)	---	---	0.10		0.11		
Calcium	56	57	14		16		
Chlorine Residual	---	---	2.66		2.61		
Fluoride	0.25	0.25	0.72		0.60		4/[2]
Magnesium	22	22	20		18		
Sulfate	41.1	42.5	48.8		50.2		[250]
Total Phosphate	0.03	0.03	0.28		0.68		
Total Hardness (as CaCO ₃)	231	233	116		114		
pH (units)	8.2	8.2	9.6		9.6		[>7.0]
Conductivity (umhos/cm)	577	583	390		384		
Total Alkalinity (as CaCO ₃)	188	189	68		65		
Phenol Alkalinity (as CaCO ₃)	0	0	16		16		
Total Solids	324	326	208		210		[500]
Threshold Odor (TON)	4	4	0		0		[3]
Total Organic Carbon	3.99	3.95	2.83		2.66		
Turbidity (NTU)	4.39	4.01	0.10		0.05		0.3
Silica	9.4	9.6	8.7		8.3		
UV254 (cm ⁻¹)	0.070	0.070	0.060		0.050		
Total Coliform (Col/100ml)	20	30	<1		<1		
E.Coli (Col/100ml)	3	4	<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:			10/17/2013		10/17/2013		
Haloacetic Acids (HAA5)	&	&	0.0112		0.0129		0.060
Trihalomethane	&	&	0.0349		0.0412		0.080
Pesticides, Collected On:			10/17/2013		1/24/2013		
Endrin	&	&	ND	0.0000101	ND	0.0000101	0.002
Lindane	&	&	ND	0.0000202	ND	0.0000202	0.0002
Methoxychlor	&	&	ND	0.0000809	ND	0.0000809	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