



# Austin Water Utility

## CITY OF AUSTIN WATER QUALITY SUMMARY 4th Quarter 2014

Average Results for Samples Collected October 1, 2014 to December 31, 2014									
CONSTITUENT (mg/L)	DWTP	UWTP	WTP4	DWTP	UWTP	WTP4	SDWA Tap		
	Raw	Raw	Raw	Tap	Tap	Tap	MCL/[SMCL]		
Total Ammonia (as N)	---	0.08	0.13	0.62	0.65	0.54			
Free Ammonia (as N)	---	---	---	0.10	0.13	0.10			
Calcium	46	46	39	12	15	12			
Chlorine Residual	---	---	---	2.86	2.81	2.77			
Fluoride	0.23	0.23	0.24	0.69	0.58	0.37			4/[2]
Magnesium	21	21	23	17	15	18			
Sulfate	34.8	33.8	N/A	36.6	38.7	39.3			[250]
Total Phosphate	0.05	0.04	0.03	0.17	0.63	0.54			
Total Hardness (as CaCO <sub>3</sub> )	203	202	190	100	99	102			
pH (units)	8.2	8.2	8.3	9.6	9.6	9.5			[>7.0]
Conductivity (umhos/cm)	500	498	N/A	343	344	362			
Total Alkalinity (as CaCO <sub>3</sub> )	173	172	161	63	61	72			
Phenol Alkalinity (as CaCO <sub>3</sub> )	0	0	0	16	16	17			
Total Solids	283	281	272	174	174	199			[500]
Threshold Odor (TON)	4	4	4	0	0	0			[3]
Total Organic Carbon	4.16	4.28	3.80	3.00	2.82	2.84			
Turbidity (NTU)	5.21	5.67	1.57	0.07	0.06	N/A			0.3
Silica	9.1	9.1	N/A	8.2	7.7	6.9			
UV254 (cm <sup>-1</sup> )	0.080	0.080	0.060	0.060	0.050	0.050			
Total Coliform (Col/100ml)	51	72	2	<1	<1	<1			
E.Coli (Col/100ml)	9	19	<1	<1	<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	UWTP	WTP4	DWTP	Detection	UWTP	Detection	WTP4	Detection	SDWA Tap
	Raw	Raw	Raw	Tap	Limit	Tap	Limit	Tap	Limit	MCL/[SMCL] in mg/L
<b>Disinfection By Products, Collected On:</b>				11/25/2014		11/25/2014		N/A		
Haloacetic Acids (HAA5)	&	&	&	0.0136		0.0119		N/A		0.060
Trihalomethane	&	&	&	0.0396		0.0383		N/A		0.080
<b>Pesticides, Collected On:</b>				3/10/2014		3/10/2014				
Endrin	&	&	&	ND	0.00001	ND	0.00001	N/A	0.00001	0.002
Lindane	&	&	&	ND	0.00002	ND	0.00002	N/A	0.00002	0.0002
Methoxychlor	&	&	&	ND	0.0001	ND	0.0001	N/A	0.0001	0.04
<b>Inorganics, Collected On:</b>				3/10/2014		3/10/2014				
Chloride	&	&	&	50		50		N/A		[250]
Sodium	&	&	&	27.2		26.4		N/A		---
<b>Metals, Collected On:</b>				3/10/2014		3/10/2014				
Aluminum	&	&	&	ND	0.0200	ND	0.0200	N/A	0.0200	[0.05 - 0.2]
Arsenic	&	&	&	ND	0.0020	ND	0.0020	N/A	0.0020	0.01
Barium	&	&	&	0.0067		0.0104		N/A		2
Cadmium	&	&	&	ND	0.0010	ND	0.0010	N/A	0.0010	0.005
Chromium	&	&	&	ND	0.0100	ND	0.0100	N/A	0.0100	0.1
Copper	&	&	&	ND	0.0020	0.0117	0.0020	N/A	0.0020	1.3 **
Iron	&	&	&	0.034	0.010	ND	0.010	N/A	0.010	[0.3]
Lead	&	&	&	ND	0.0010	ND	0.0010	N/A	0.0010	0.015 **
Manganese	&	&	&	ND	0.0010	ND	0.0010	N/A	0.0010	[0.05]
Mercury	&	&	&	ND	0.00040	ND	0.00040	N/A	0.00040	0.002
Nickel	&	&	&	ND	0.0010	ND	0.0010	N/A	0.0010	[0.10]
Selenium	&	&	&	ND	0.0030	ND	0.0030	N/A	0.0030	0.05
Silver	&	&	&	ND	0.0100	ND	0.0100	N/A	0.0100	[0.1]
Antimony	&	&	&	ND	0.0010	ND	0.0010	N/A	0.0010	0.006
Beryllium	&	&	&	ND	0.00080	ND	0.00080	N/A	0.00080	0.004
Thallium	&	&	&	ND	0.00040	ND	0.00040	N/A	0.00040	0.002
Zinc	&	&	&	ND	0.0050	ND	0.0050	N/A	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