



Austin Water Utility

CITY OF AUSTIN WATER QUALITY SUMMARY 4th Quarter 2015

Average Results for Samples Collected October 1, 2015 to December 31, 2015									
CONSTITUENT (mg/L)	DWTP	UWTP	WTP4	DWTP	UWTP	WTP4	SDWA Tap		
	Raw	Raw	Raw	Tap	Tap	Tap	MCL/[SMCL]		
Total Ammonia (as N)	---	---	---	0.66	0.67	0.70			
Free Ammonia (as N)	0.07	0.08	---	0.10	0.13	0.11			
Calcium	57	58	46	14	17	13			
Chloramines	---	---	---	2.84	2.68	2.75			
Fluoride	0.19	0.19	0.19	0.72	0.69	0.74	4/[2]		
Magnesium	18	18	18	13	12	13			
Sulfate	36.4	34.9	26.6	36.5	40.1	32.4	[250]		
Total Phosphate	0.05	0.04	0.03	0.26	0.71	1.10			
Total Hardness (as CaCO ₃)	216	218	188	88	92	85			
pH (units)	8.1	8.1	8.1	9.6	9.6	9.6	[>7.0]		
Conductivity (umhos/cm)	536	492	444	294	304	313			
Total Alkalinity (as CaCO ₃)	183	184	162	48	51	62			
Phenol Alkalinity (as CaCO ₃)	0	0	0	13	14	16			
Total Solids	299	292	242	154	159	156	[500]		
Threshold Odor (TON)	4	4	5	0	0	0	[3]		
Total Organic Carbon	4.41	4.34	3.89	2.88	2.72	2.59			
Turbidity (NTU)	7.56	3.39	1.08	0.06	0.03	0.04	0.3		
Silica	9.2	8.6	7.7	7.5	7.2	7.4			
UV254 (cm ⁻¹)	0.110	0.100	0.090	0.060	0.060	0.050			
Total Coliform (Col/100ml)	343	156	10	<1	<1	<1			
E.Coli (Col/100ml)	34	17	2	<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
Disinfection By Products, Collected On:				11/3/2015		11/3/2015		N/A		
Haloacetic Acids (HAA5)	&	&	&	0.0258		0.0375		N/A		0.060
Trihalomethane	&	&	&	0.0654		0.0653		N/A		0.080
Pesticides, Collected On:				3/23/2015		3/23/2015		3/23/2015		
Endrin	&	&	&	ND	0.00001	ND	0.00001	ND	0.00001	0.002
Lindane	&	&	&	ND	0.00002	ND	0.00002	ND	0.00002	0.0002
Methoxychlor	&	&	&	ND	0.0001	ND	0.0001	ND	0.0001	0.04
Inorganics, Collected On:				3/23/2015		3/23/2015		3/23/2015		
Chloride	&	&	&	49		49		52		[250]
Sodium	&	&	&	26.8		26.6		31.6		---
Metals, Collected On:				3/23/2015		3/23/2015		3/23/2015		
Aluminum	&	&	&	ND	0.0200	ND	0.0200	ND	0.0200	[0.05 - 0.2]
Arsenic	&	&	&	ND	0.0020	ND	0.0020	ND	0.0020	0.01
Barium	&	&	&	0.0065		0.0103		0.0106		2
Cadmium	&	&	&	ND	0.0010	ND	0.0010	ND	0.0010	0.005
Chromium	&	&	&	ND	0.0100	ND	0.0100	ND	0.0100	0.1
Copper	&	&	&	ND	0.0020	ND	0.0020	0.0070	0.0020	1.3 **
Iron	&	&	&	0.017	0.010	ND	0.010	0.014	0.010	[0.3]
Lead	&	&	&	ND	0.0010	ND	0.0010	ND	0.0010	0.015 **
Manganese	&	&	&	ND	0.0010	ND	0.0010	ND	0.0010	[0.05]
Mercury	&	&	&	ND	0.00040	ND	0.00040	ND	0.00040	0.002
Nickel	&	&	&	ND	0.0010	ND	0.0010	ND	0.0010	[0.10]
Selenium	&	&	&	ND	0.0030	ND	0.0030	ND	0.0030	0.05
Silver	&	&	&	ND	0.0100	ND	0.0100	ND	0.0100	[0.1]
Antimony	&	&	&	ND	0.0010	ND	0.0010	ND	0.0010	0.006
Beryllium	&	&	&	ND	0.00080	ND	0.00080	ND	0.00080	0.004
Thallium	&	&	&	ND	0.00040	ND	0.00040	ND	0.00040	0.002
Zinc	&	&	&	ND	0.0050	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