



Austin Water Utility

CITY OF AUSTIN WATER QUALITY SUMMARY 1st Quarter 2017

Average Results for Samples Collected January 1, 2017 to March 31, 2017										
CONSTITUENT (mg/L)	DWTP	UWTP	WTP4	DWTP	UWTP	WTP4				SDWA Tap MCL/[SMCL]
	Raw	Raw	Raw	Tap	Tap	Tap				
Total Ammonia (as N)	---	---	---	0.77	0.81	0.74				
Free Ammonia (as N)	<0.05	<0.05	<0.05	0.10	0.19	0.12				
Calcium	48	48	45	12	16	13				
Chloramines	---	---	---	2.83	2.76	2.78				
Fluoride	0.20	0.19	0.20	0.72	0.69	0.66				4/[2]
Magnesium	17	17	17	14	13	13				
Sulfate	25.9	26.1	22.4	26.8	36.3	30.1				[250]
Total Phosphate	<0.05	<0.05	<0.05	0.74	0.68	0.87				
Total Hardness (as CaCO ₃)	192	192	181	86	87	87				
pH (units)	8.2	8.2	8.2	9.6	9.5	9.6				>7.0]
Conductivity (umhos/cm)	474	470	441	298	293	307				
Total Alkalinity (as CaCO ₃)	168	168	159	58	59	66				
Phenol Alkalinity (as CaCO ₃)	0	0	0	16	15	16				
Total Solids	258	258	231	144	138	153				[500]
Threshold Odor (TON)	4	4	4	0	0	0				[3]
Total Organic Carbon	3.83	3.93	3.91	2.82	2.76	2.82				
Turbidity (NTU)	6.68	6.19	1.69	0.07	0.03	0.04				0.3
Silica	8.6	8.4	8.8	7.9	7.7	8.3				
UV254 (cm ⁻¹)	0.090	0.090	0.090	0.060	0.060	0.060				
Total Coliform (Col/100ml)	476	248	4	<1	<1	<1				
E.Coli (Col/100ml)	17	10	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	Central	Detection	South	Detection	North	Detection	SDWA Tap MCL/[SMCL] in mg/L
	Raw	Raw	Raw	Tap	Limit	Tap	Limit	Tap	Limit	
Disinfection By Products, Collected On:				12/15/2016		12/15/2016		12/15/2016		
Haloacetic Acids (HAA5)	&	&	&	0.0180		0.0189		0.0172		0.060
Trihalomethane	&	&	&	0.0330		0.0383		0.0474		0.080
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
Pesticides, Collected On:				2/25/2016		2/25/2016		11/17/2015		
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:				2/25/2016		2/25/2016		2/25/2016		
Chloride	&	&	&	44		45		39		[250]
Sodium	&	&	&	23.9		23.7		24.4		---
Metals, Collected On:				2/25/2016		2/25/2016		2/25/2016		
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	&	&	&	0.0063		0.0114		0.0097		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	ND	0.0020	0.0157	0.0020	1.3 **
Iron	&	&	&	0.014	0.010	ND	0.010	0.032	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