



Austin Water Utility

CITY OF AUSTIN WATER QUALITY SUMMARY 2nd Quarter 2017

Average Results for Samples Collected April 1, 2017 to June 30, 2017

CONSTITUENT (mg/L)	DWTP	UWTP	WTP4	DWTP	UWTP	WTP4	SDWA Tap MCL/[SMCL]
	Raw	Raw	Raw	Tap	Tap	Tap	
Total Ammonia (as N)	---	---	---	---	---	---	
Free Ammonia (as N)	<0.05	<0.05	<0.05	0.08	0.11	0.09	
Calcium	46	46	45	11	13	13	
Chloramines	---	---	---	2.64	2.47	2.54	
Fluoride	0.19	0.19	0.19	0.70	0.64	0.64	4/[2]
Magnesium	17	17	17	14	12	13	
Sulfate	22.9	22.4	22.2	29.7	29.2	30.0	[250]
Total Phosphate	0.06	0.06	0.19	0.87	0.89	0.88	
Total Hardness (as CaCO ₃)	186	186	183	84	83	86	
pH (units)	8.2	8.1	8.4	9.6	9.6	9.6	>7.0]
Conductivity (umhos/cm)	444	441	434	277	276	306	
Total Alkalinity (as CaCO ₃)	165	164	161	60	59	66	
Phenol Alkalinity (as CaCO ₃)	0	0	<1	17	16	18	
Total Solids	246	246	237	142	141	152	[500]
Threshold Odor (TON)	4	4	4	0	0	0	[3]
Total Organic Carbon	3.88	3.82	3.89	2.86	2.71	2.76	
Turbidity (NTU)	4.08	2.61	0.70	0.06	0.03	0.04	0.3
Silica	8.9	8.8	8.0	8.3	7.9	7.8	
UV254 (cm ⁻¹)	0.080	0.080	0.080	0.060	0.050	0.050	
Total Coliform (Col/100ml)	61	24	2	<1	<1	<1	
E.Coli (Col/100ml)	8	3	<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	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:				5/16/2017		5/16/2017		5/16/2017		
Haloacetic Acids (HAA5)	&	&	&	0.0092		0.0116		0.0090		0.060
Trihalomethane	&	&	&	0.0274		0.0336		0.0360		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:				3/14/2017		3/14/2017		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:				3/14/2017		3/14/2017		3/9/2017		
Chloride	&	&	&	32		32		37		[250]
Sodium	&	&	&	18.0		18.4		23.2		---
Metals, Collected On:				3/14/2017		3/14/2017		3/9/2017		
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	&	&	&	0.0065		0.0095		0.0119		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	0.0071	0.0020	1.3 **
Iron	&	&	&	ND	0.010	ND	0.010	0.019	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