



# Austin Water Utility

## CITY OF AUSTIN WATER QUALITY SUMMARY 2nd Quarter 2019

### Average Results for Samples Collected April 1, 2019 to June 30, 2019

CONSTITUENT (mg/L)	DWTP	UWTP	HWTP	DWTP			UWTP			HWTP			SDWA Tap MCL/[SMCL]
	Raw	Raw	Raw	Tap		Tap		Tap		Tap			
Total Ammonia (as N)	---	---	---	0.58		0.63		0.63					
Free Ammonia (as N)	<0.05	<0.05	<0.05	<0.05		0.09		0.09					
Calcium	46	46	44	12		13		13					
Chloramines	---	---	---	2.89		2.68		2.69					
Fluoride	0.18	0.18	0.18	0.72		0.68		0.63				4/[2]	
Magnesium	17	17	17	14		12		12					
Sulfate	22.8	23.6	21.8	11.4		18.9		32.5				[250]	
Total Phosphate	0.05	<0.05	<0.05	1.02		0.87		0.96					
Total Hardness (as CaCO <sub>3</sub> )	185	184	178	86		83		83					
pH (units)	8.1	8.1	8.3	9.6		9.6		9.6				[>7.0]	
Conductivity (umhos/cm)	436	433	424	276		270		300					
Total Alkalinity (as CaCO <sub>3</sub> )	160	159	154	60		56		62					
Phenol Alkalinity (as CaCO <sub>3</sub> )	0	0	0	16		15		16					
Total Solids	242	241	230	144		142		151				[500]	
Threshold Odor (TON)	4	4	4	0		0		0				[3]	
Total Organic Carbon	3.80	3.98	3.94	2.71		2.47		2.61					
Turbidity (NTU)	3.28	1.37	0.87	0.08		0.05		0.06				0.3	
Silica	8.3	8.2	8.1	8.0		7.4		7.4					
UV254 (cm <sup>-1</sup> )	0.086	0.086	0.084	0.061		0.054		0.058					
Total Coliform (Col/100ml)	130	126	2	<1		<1		<1					
E.Coli (Col/100ml)	29	21	<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 Raw	UWTP Raw	HWTP Raw	Central Tap	Detection Limit	South Tap	Detection Limit	North Tap	Detection Limit	SDWA Tap MCL/[SMCL] in mg/L
<b>Disinfection By Products, Collected On:</b>				<b>5/7/2019</b>		<b>5/7/2019</b>		<b>5/7/2019</b>		
Haloacetic Acids (HAA5)	&	&	&	0.0157		0.0160		0.0134		0.060
Trihalomethane	&	&	&	0.0358		0.0333		0.0368		0.080
CONSTITUENT (mg/L)	DWTP Raw	UWTP Raw	HWTP Raw	DWTP Tap	Detection Limit	UWTP Tap	Detection Limit	HWTP Tap	Detection Limit	SDWA Tap MCL/[SMCL] in mg/L
<b>Pesticides, Collected On:</b>				<b>5/7/2019</b>		<b>2/6/2018</b>		<b>2/6/2018</b>		
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
<b>Inorganics, Collected On:</b>				<b>5/7/2019</b>		<b>2/7/2019</b>		<b>2/7/2019</b>		
Chloride	&	&	&	30		31		36		[250]
Sodium	&	&	&	16.8		16.9		23.1		---
<b>Metals, Collected On:</b>				<b>5/7/2019</b>		<b>2/7/2019</b>		<b>2/7/2019</b>		
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	&	&	&	0.0063		0.0102		0.0102		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	0.0072	0.0020	1.3 **
Iron	&	&	&	0.016	0.010	0.017	0.010	0.040	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