



# Austin Water Utility

## CITY OF AUSTIN WATER QUALITY SUMMARY 3rd Quarter 2019

Average Results for Samples Collected July 1, 2019 to September 30, 2019											
CONSTITUENT (mg/L)	DWTP	UWTP	HWTP	DWTP			UWTP			HWTP	SDWA Tap MCL/[SMCL]
	Raw	Raw	Raw	Tap		Tap		Tap			
Total Ammonia (as N)	---	---	---	0.54		0.56		0.53			
Free Ammonia (as N)	<0.05	<0.05	<0.05	<0.05		0.09		0.09			
Calcium	46	46	41	10		13		13			
Chloramines	---	---	---	2.84		2.68		2.72			
Fluoride	0.19	0.19	0.19	0.72		0.62		0.65		4/[2]	
Magnesium	17	17	17	13		11		12			
Sulfate	23.3	23.0	23.2	31.6		28.2		28.1		[250]	
Total Phosphate	<0.05	<0.05	<0.05	0.98		0.98		0.90			
Total Hardness (as CaCO <sub>3</sub> )	186	186	173	80		79		80			
pH (units)	8.1	8.0	8.2	9.7		9.7		9.6		[>7.0]	
Conductivity (umhos/cm)	444	442	424	264		263		303			
Total Alkalinity (as CaCO <sub>3</sub> )	163	163	150	54		52		59			
Phenol Alkalinity (as CaCO <sub>3</sub> )	0	0	0	16		15		16			
Total Solids	240	240	222	136		129		147		[500]	
Threshold Odor (TON)	4	4	4	0		0		0		[3]	
Total Organic Carbon	3.69	3.64	3.64	2.51		2.32		2.39			
Turbidity (NTU)	3.76	1.46	1.69	0.08		0.05		0.06		0.3	
Silica	8.7	8.7	6.6	8.1		7.5		6.1			
UV254 (cm <sup>-1</sup> )	0.080	0.079	0.070	0.054		0.049		0.049			
Total Coliform (Col/100ml)	13	5	3	<1		<1		<1			
E.Coli (Col/100ml)	2	2	0	<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>				5/7/2019		5/7/2019		5/7/2019		
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>				5/7/2019		2/6/2018		2/6/2018		
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>				5/7/2019		2/7/2019		2/7/2019		
Chloride	&	&	&	30		31		36		[250]
Sodium	&	&	&	16.8		16.9		23.1		---
<b>Metals, Collected On:</b>				5/7/2019		2/7/2019		2/7/2019		
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