



**CITY OF AUSTIN
WATER QUALITY SUMMARY
1st Quarter 2020**

Average Results for Samples Collected January 1, 2020 to March 31, 2020									
CONSTITUENT (mg/L)	DWTP	UWTP	HWTP	DWTP	UWTP	HWTP	SDWA Tap		
	Raw	Raw	Raw	Tap	Tap	Tap	MCL/[SMCL]		
Total Ammonia (as N)	&	&	&	0.55	0.60	0.58			
Free Ammonia (as N)	<0.05	<0.05	<0.05	0.06	0.09	0.08			
Calcium	46	46	44	12	14	14			
Chloramines	&	&	&	2.90	2.75	2.79			
Fluoride	0.20	0.20	0.20	0.74	0.58	0.67			4/[2]
Magnesium	18	18	18	16	14	15			
Sulfate	29.7	29.4	26.3	46.2	35.4	36.7			[250]
Total Phosphate	<0.05	<0.05	<0.05	0.76	0.97	0.94			
Total Hardness (as CaCO ₃)	190	188	184	96	91	95			
pH (units)	8.1	8.1	8.2	9.6	9.6	9.6			[>7.0]
Conductivity (umhos/cm)	458	456	448	307	296	325			
Total Alkalinity (as CaCO ₃)	164	162	161	66	61	73			
Phenol Alkalinity (as CaCO ₃)	0	0	0	16	15	17			
Total Solids	253	256	248	164	158	169			[500]
Threshold Odor (TON)	4	4	4	0	0	0			[3]
Total Organic Carbon	3.60	3.53	3.48	2.56	2.34	2.43			
Turbidity (NTU)	2.83	0.91	2.11	0.08	0.05	0.06			0.3
Silica	8.0	7.9	8.4	7.2	6.9	7.6			
UV254 (cm ⁻¹)	0.068	0.068	0.068	0.054	0.049	0.051			
Total Coliform (Col/100ml)	55	10	3	<1	<1	<1			
E.Coli (Col/100ml)	18	1	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	UWTP	HWTP	Central	Detection	South	Detection	North	Detection	SDWA Tap
	Raw	Raw	Raw	Tap	Limit	Tap	Limit	Tap	Limit	MCL/[SMCL] in mg/L
Disinfection By Products, Collected On:				2/10/2020		2/10/2020		2/10/2020		
Haloacetic Acids (HAA5)	&	&	&	0.0133		0.0117		0.0114		0.060
Trihalomethane	&	&	&	0.0315		0.0303		0.0313		0.080
CONSTITUENT (mg/L)				DWTP	Detection	UWTP	Detection	HWTP	Detection	SDWA Tap
Pesticides, Collected On:				8/2/2018		2/10/2020		2/6/2018		MCL/[SMCL] in mg/L
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:				2/10/2020		2/10/2020		2/10/2020		
Chloride	&	&	&	37		37		42		[250]
Sodium	&	&	&	19.6		19.8		24.7		---
Metals, Collected On:				2/10/2020		2/10/2020		2/10/2020		
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	&	&	&	0.0086		0.0105		0.0121		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	0.0086		1.3 **
Iron	&	&	&	0.014		ND	0.010	0.022		[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	0.0142		[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