



**CITY OF AUSTIN
WATER QUALITY SUMMARY
3rd Quarter 2021**

Average Results for Samples Collected July 1, 2021 to September 30, 2021											
CONSTITUENT (mg/L)	DWTP	UWTP	HWTP	DWTP			UWTP			HWTP	SDWA Tap MCL/[SMCL]
	Raw	Raw	Raw	Tap	Tap	Tap	Tap	Tap	Tap		
Total Ammonia (as N)	&	&	&	0.40		0.42		0.47			
Free Ammonia (as N)	0.05	0.05	0.05	0.08		0.11		0.11			
Calcium	45	44	41	11		15		12			
Chloramines	&	&	&	2.86		2.72		2.80			
Fluoride	0.22	0.22	0.22	0.74		0.59		0.65		4/[2]	
Magnesium	20	20	20	14		13		15			
Sulfate	♦	♦	♦	♦		♦		♦		[250]	
Total Phosphate	0.06	0.06	0.05	1.1		1.1		0.9			
Total Hardness (as CaCO ₃)	194	193	184	84		92		94			
pH (units)	8.2	8.1	7.8	9.7		9.7		9.6		[>7.0]	
Conductivity (umhos/cm)	♦	♦	♦	♦		♦		♦			
Total Alkalinity (as CaCO ₃)	165	166	158	53		60		70			
Phenol Alkalinity (as CaCO ₃)	0	0	0	17		18		17			
Total Solids	280	287	270	175		185		189		[500]	
Threshold Odor (TON)	4	4	4	0		0		0		[3]	
Total Organic Carbon	3.75	3.62	3.18	2.41		2.36		2.28			
Turbidity (NTU)	2.89	2.67	0.930	0.066		0.048		0.045		0.3	
Silica	♦	♦	♦	♦		♦		♦			
UV254 (cm ⁻¹)	0.060	0.060	0.050	0.040		0.050		0.040			
Total Coliform (Col/100ml)	89	53	2	<1		<1		<1			
E.Coli (Col/100ml)	9	9	1	<1		<1		<1			

< set of averaged measurements contains results that are less than the method detection limit

♦ Due to Covid-19 the number of analyses have been reduced. No data currently available.

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
Disinfection By Products, Collected On:				7/6/2021		7/6/2021		7/6/2021		
Haloacetic Acids (HAA5)	&	&	&	0.0136		0.0144		0.0097		0.060
Trihalomethane	&	&	&	0.0373		0.0362		0.0308		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
Pesticides, Collected On:				7/6/2021		1/6/2021		1/6/2021		
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:				7/6/2021		1/6/2021		1/6/2021		
Chloride	&	&	&	43		39		48		[250]
Sodium	&	&	&	24.6		20.6		28.0		---
Metals, Collected On:				7/6/2021		1/6/2021		1/6/2021		
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	&	&	&	0.0104		0.0107		0.0129		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	0.0060		1.3 **
Iron	&	&	&	ND	0.010	ND	0.010	0.013		[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