



**CITY OF AUSTIN
WATER QUALITY SUMMARY
4th Quarter 2021**

Average Results for Samples Collected October 1, 2021 to December 31, 2021										
CONSTITUENT (mg/L)	DWTP	UWTP	HWTP	DWTP		UWTP		HWTP		SDWA Tap MCL/[SMCL]
	Raw	Raw	Raw	Tap	Tap	Tap	Tap	Tap		
Total Ammonia (as N)	&	&	&	&		&		&		
Free Ammonia (as N)	<0.05	<0.05	<0.05	0.06		0.11		0.09		
Calcium	48	48	40	12		15		13		
Chloramines	&	&	&	2.83		2.73		2.55		
Fluoride	0.21	0.21	0.22	0.72		0.60		0.61		4/[2]
Magnesium	19	19	20	15		14		15		
Total Phosphate	<0.05	<0.05	<0.05	0.9		1.0		0.9		
Total Hardness (as CaCO ₃)	199	199	180	90		94		94		
pH (units)	8.1	8.1	8.1	9.6		9.7		9.6		>7.0]
Conductivity (umhos/cm)	491	487	459	307		315		347		
Total Alkalinity (as CaCO ₃)	168	169	154	57		59		68		
Phenol Alkalinity (as CaCO ₃)	0	0	0	16		17		17		
Total Solids	288	289	266	182		182		196		[500]
Threshold Odor (TON)	4	4	4	0		0		0		[3]
Total Organic Carbon	3.64	3.69	3.22	2.52		2.42		2.32		
Turbidity (NTU)	2.56	2.60	1.03	0.065		0.054		0.047		0.3
Silica	10.13	9.84	8.45	9.04		8.78		7.75		
UV254 (cm ⁻¹)	0.070	0.068	0.050	0.050		0.040		0.040		
Total Coliform (Col/100ml)	61	64	4	<1		<1		<1		
E.Coli (Col/100ml)	10	10	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	HWTP	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:				10/7/2021		10/7/2021		10/7/2021		
Haloacetic Acids (HAA5)	&	&	&	0.0137		0.0104		0.0099		0.060
Trihalomethane	&	&	&	0.0405		0.0300		0.0304		0.080
CONSTITUENT (mg/L)	DWTP	UWTP	HWTP	DWTP	Detection	UWTP	Detection	HWTP	Detection	SDWA Tap MCL/[SMCL] in mg/L
	Raw	Raw	Raw	Tap	Limit	Tap	Limit	Tap	Limit	
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