



**CITY OF AUSTIN
WATER QUALITY SUMMARY
1st Quarter 2022**

Average Results for Samples Collected January 1, 2022 to March 31, 2022										
CONSTITUENT (mg/L)	DWTP	UWTP	HWTP	DWTP		UWTP		HWTP		SDWA Tap MCL/[SMCL]
	Raw	Raw	Raw	Tap	Tap	Tap	Tap	Tap	Tap	
Calcium	50	51	40	12		15		13		
Conductivity (umhos/cm)	511	512	458	340		336		361		
E.Coli (Col/100ml)	3	3	2	<1		<1		<1		4/[2]
Fluoride	0.22	0.22	0.23	0.79		0.63		0.54		
Free Ammonia (as N)	<0.05	<0.05	<0.05	<0.05		0.07		<0.05		
Magnesium	20	20	20	18		16		17		
Threshold Odor (TON)	4	4	4	0		0		0		[3]
pH (units)	8.2	8.2	8.2	9.6		9.6		9.6		[>7.0]
Phenol Alkalinity (as CaCO ₃)	0	0	0	17		17		18		
Silica	8.83	8.79	8.70	8.65		7.79		8.03		
Total Alkalinity (as CaCO ₃)	174	176	156	68		65		76		
Total Chlorine	&	&	&	2.89		2.78		2.82		
Total Ammonia (as N)	&	&	&	&		&		&		
Total Coliform (Col/100ml)	20	25	4	<1		<1		<1		
Total Hardness (as CaCO ₃)	208	208	180	105		103		100		
Total Organic Carbon	3.44	3.51	3.19	2.61		2.39		2.46		
Total Phosphate	<0.05	<0.05	<0.05	0.6		0.7		0.9		
Total Solids	309	315	274	213		223		213		[500]
Turbidity (NTU)	2.16	2.25	0.676	0.078		0.054		0.056		0.3
UV254 (cm ⁻¹)	0.059	0.061	0.051	0.051		0.046		0.044		

< 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:				2/28/2022		2/28/2022		2/28/2022		
Haloacetic Acids (HAA5)	&	&	&	0.0098		0.0102		0.0110		0.060
Trihalomethane	&	&	&	0.0254		0.0278		0.0302		0.080
CONSTITUENT (mg/L)	DWTP	UWTP	HWTP	DWTP	Detection	UWTP	Detection	HWTP	Detection	SDWA Tap
	Raw	Raw	Raw	Tap	Limit	Tap	Limit	Tap	Limit	MCL/[SMCL] in mg/L
Pesticides, Collected On:				7/6/2021		2/28/2022		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]
Metals, Collected On:				7/6/2021		2/28/2022		2/28/2022		
Aluminum	&	&	&	ND	0.0200	ND	0.0200	ND	0.0200	[0.05 - 0.2]
Antimony	&	&	&	ND	0.0010	ND	0.0010	ND	0.0010	0.006
Arsenic	&	&	&	ND	0.0020	ND	0.0020	ND	0.0020	0.01
Barium	&	&	&	0.0104		0.0107		0.0132		2
Beryllium	&	&	&	ND	0.00080	ND	0.00080	ND	0.00080	0.004
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	0.0088		1.3 **
Iron	&	&	&	ND	0.010	ND	0.010	0.012		[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]
Sodium	&	&	&	24.6		23.2		31.9		---
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