



Austin Water Utility

CITY OF AUSTIN
WATER QUALITY SUMMARY
1st Quarter 2018

Average Results for Samples Collected January 1, 2018 to March 31, 2018										
CONSTITUENT (mg/L)	DWTP	UWTP	WTP4	DWTP	UWTP	WTP4	SDWA Tap			
	Raw	Raw	Raw	Tap	Tap	Tap	MCL	[SMCL]		
Total Ammonia (as N)	---	---	---	0.54	0.57	0.55				
Free Ammonia (as N)	<0.05	<0.05	<0.05	0.06	0.08	0.07				
Calcium	48	48	42	12	14	13				
Chloramines	---	---	---	2.68	2.65	2.59				
Fluoride	0.21	0.22	0.22	0.76	0.59	0.52				4/[2]
Magnesium	18	18	18	16	14	15				
Sulfate	27.7	27.7	22.1	33.4	39.2	22.1				[250]
Total Phosphate	<0.05	<0.05	<0.05	0.82	0.76	0.89				
Total Hardness (as CaCO ₃)	195	196	180	94	93	95				
pH (units)	8.3	8.2	8.2	9.6	9.6	9.6				[>7.0]
Conductivity (umhos/cm)	472	473	441	302	300	324				
Total Alkalinity (as CaCO ₃)	172	172	161	66	65	76				
Phenol Alkalinity (as CaCO ₃)	0	0	0	16	15	17				
Total Solids	253	257	228	148	150	162				[500]
Threshold Odor (TON)	4	4	4	0	0	0				[3]
Total Organic Carbon	3.72	3.74	3.54	2.74	2.65	2.72				
Turbidity (NTU)	3.77	2.87	0.96	0.25	0.07	0.07				0.3
Silica	8.1	8.3	8.9	7.8	7.3	8.0				
UV254 (cm ⁻¹)	0.067	0.066	0.063	0.052	0.050	0.051				
Total Coliform (Col/100ml)	33	15	2	<1	<1	<1				
E.Coli (Col/100ml)	5	3	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	WTP4	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:				2/6/2018		2/6/2018		2/6/2018		
Haloacetic Acids (HAA5)	&	&	&	0.0144		0.0154		0.0116		0.060
Trihalomethane	&	&	&	0.0344		0.0331		0.0308		0.080
CONSTITUENT (mg/L)	DWTP	UWTP	WTP4	DWTP	Detection	UWTP	Detection	WTP4	Detection	SDWA Tap
	Raw	Raw	Raw	Tap	Limit	Tap	Limit	Tap	Limit	MCL/[SMCL] in mg/L
Pesticides, Collected On:				3/14/2017		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
Inorganics, Collected On:				3/14/2017		2/6/2018		2/6/2018		
Chloride	&	&	&	32		35		39		[250]
Sodium	&	&	&	18.0		18.9		24.1		---
Metals, Collected On:				3/14/2017		2/6/2018		2/6/2018		
Aluminum	&	&	&	ND	0.0200	ND	0.0200	N/A	0.0200	[0.05 - 0.2]
Arsenic	&	&	&	ND	0.0020	ND	0.0020	N/A	0.0020	0.01
Barium	&	&	&	0.0065		0.0102		0.012		2
Cadmium	&	&	&	ND	0.0010	ND	0.0010	N/A	0.0010	0.005
Chromium	&	&	&	ND	0.0100	ND	0.0100	N/A	0.0100	0.1
Copper	&	&	&	ND	0.0020	ND	0.0020	0.0086	0.0020	1.3 **
Iron	&	&	&	ND	0.010	0.017	0.010	0.021	0.010	[0.3]
Lead	&	&	&	ND	0.0010	ND	0.0010	N/A	0.0010	0.015 **
Manganese	&	&	&	ND	0.0010	ND	0.0010	N/A	0.0010	[0.05]
Mercury	&	&	&	ND	0.00040	ND	0.00040	N/A	0.00040	0.002
Nickel	&	&	&	ND	0.0010	ND	0.0010	N/A	0.0010	[0.10]
Selenium	&	&	&	ND	0.0030	ND	0.0030	N/A	0.0030	0.05
Silver	&	&	&	ND	0.0100	ND	0.0100	N/A	0.0100	[0.1]
Antimony	&	&	&	ND	0.0010	ND	0.0010	N/A	0.0010	0.006
Beryllium	&	&	&	ND	0.00080	ND	0.00080	N/A	0.00080	0.004
Thallium	&	&	&	ND	0.00040	ND	0.00040	N/A	0.00040	0.002
Zinc	&	&	&	ND	0.0050	ND	0.0050	N/A	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