



Austin Water Utility

CITY OF AUSTIN WATER QUALITY SUMMARY 4th Quarter 2018

Average Results for Samples Collected October 1, 2018 to December 30, 2018									
CONSTITUENT (mg/L)	DWTP	UWTP	WTP4	DWTP	UWTP	WTP4	SDWA Tap		
	Raw	Raw	Raw	Tap	Tap	Tap	MCL/[SMCL]		
Total Ammonia (as N)	---	---	---	0.59	0.56	0.65			
Free Ammonia (as N)	0.06	0.06	0.06	0.08	0.11	0.10			
Calcium	41	41	38	16	16	13			
Chloramines	---	---	---	2.90	2.80	2.84			
Fluoride	0.17	0.17	0.18	0.68	0.65	0.61	4/[2]		
Magnesium	14	14	15	10	10	11			
Sulfate	19.7	20.4	18.2	29.5	19.3	33.1	[250]		
Total Phosphate	0.089	0.080	0.08	0.38	0.82	0.69			
Total Hardness (as CaCO ₃)	158	158	154	80	81	77			
pH (units)	8.0	8.0	8.0	9.4	9.5	9.6	[>7.0]		
Conductivity (umhos/cm)	365	365	381	254	254	291			
Total Alkalinity (as CaCO ₃)	142	140	138	54	52	56			
Phenol Alkalinity (as CaCO ₃)	0	0	0	13	13	14			
Total Solids	247	246	232	130	140	154	[500]		
Threshold Odor (TON)	4	4	4	0	0	0	[3]		
Total Organic Carbon	4.49	4.51	4.44	2.69	2.77	2.74			
Turbidity (NTU)	21.75	19.67	17.64	0.12	0.13	0.10	0.3		
Silica	9.2	9.2	8.6	8.0	7.5	7.0			
UV254 (cm ⁻¹)	0.107	0.109	0.099	0.060	0.062	0.057			
Total Coliform (Col/100ml)	221	231	182	<1	<1	<1			
E.Coli (Col/100ml)	28	25	30	<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 Raw	UWTP Raw	WTP4 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:				8/2/2018		8/2/2018		8/2/2018		
Haloacetic Acids (HAA5)	&	&	&	0.0111		0.0095		0.0121		0.060
Trihalomethane	&	&	&	0.0319		0.0251		0.0414		0.080
CONSTITUENT (mg/L)	DWTP Raw	UWTP Raw	WTP4 Raw	DWTP Tap	Detection Limit	UWTP Tap	Detection Limit	WTP4 Tap	Detection Limit	SDWA Tap MCL/[SMCL] in mg/L
Pesticides, Collected On:				8/2/2018		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:				8/2/2018		2/6/2018		2/6/2018		
Chloride	&	&	&	34		35		39		[250]
Sodium	&	&	&	18.4		18.9		24.1		---
Metals, Collected On:				8/2/2018		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	&	&	&	0.0104		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	&	&	&	0.030	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