



Austin Water Utility

CITY OF AUSTIN WATER QUALITY SUMMARY 4th Quarter 2017

Average Results for Samples Collected October 1, 2017 to December 31, 2017									
CONSTITUENT (mg/L)	DWTP	UWTP	WTP4	DWTP	UWTP	WTP4	SDWA Tap		
	Raw	Raw	Raw	Tap	Tap	Tap	MCL	[SMCL]	
Total Ammonia (as N)	---	---	---	---	---	---			
Free Ammonia (as N)	<0.05	<0.05	<0.05	0.08	0.11	0.09			
Calcium	50	50	40	11	14	13			
Chloramines	---	---	---	2.89	2.84	2.79			
Fluoride	0.20	0.20	0.20	0.72	0.54	0.68			4/[2]
Magnesium	18	17	18	14	12	14			
Sulfate	25.4	25.5	22.7	32.6	34.9	32.7			[250]
Total Phosphate	<0.05	<0.05	<0.05	0.69	1.05	0.91			
Total Hardness (as CaCO ₃)	196	196	175	84	84	90			
pH (units)	8.2	8.1	8.2	9.6	9.6	9.6			[>7.0]
Conductivity (umhos/cm)	456	460	419	272	274	317			
Total Alkalinity (as CaCO ₃)	175	175	156	60	57	72			
Phenol Alkalinity (as CaCO ₃)	0	0	0	15	15	17			
Total Solids	260	263	226	142	134	164			[500]
Threshold Odor (TON)	4	4	4	0	0	0			[3]
Total Organic Carbon	3.79	3.80	3.61	2.68	2.57	2.59			
Turbidity (NTU)	4.90	4.16	0.72	0.14	0.08	0.07			0.3
Silica	10.7	10.4	7.6	9.5	8.7	7.1			
UV254 (cm ⁻¹)	0.077	0.076	0.063	0.057	0.053	0.050			
Total Coliform (Col/100ml)	78	177	5	<1	<1	<1			
E.Coli (Col/100ml)	6	5	0	<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:				10/10/2017		10/10/2017		10/10/2017		
Haloacetic Acids (HAA5)	&	&	&	0.0172		0.0180		0.0132		0.060
Trihalomethane	&	&	&	0.0447		0.0363		0.0372		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		3/14/2017		11/17/2015		
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		3/14/2017		3/9/2017		
Chloride	&	&	&	32		32		37		[250]
Sodium	&	&	&	18.0		18.4		23.2		---
Metals, Collected On:				3/14/2017		3/14/2017		3/9/2017		
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		0.0095		0.0119		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	0.0071	0.0020	1.3 **
Iron	&	&	&	ND	0.010	ND	0.010	0.019	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