



Austin Water Utility

CITY OF AUSTIN WATER QUALITY SUMMARY 3rd Quarter 2017

Average Results for Samples Collected July 1, 2017 to September 30, 2017										
CONSTITUENT (mg/L)	DWTP	UWTP	WTP4	DWTP	UWTP	WTP4				SDWA Tap MCL/[SMCL]
	Raw	Raw	Raw	Tap	Tap	Tap				
Total Ammonia (as N)	---	---	---	---	---	---				
Free Ammonia (as N)	<0.05	<0.05	<0.05	0.08	0.10	0.09				
Calcium	46	46	39	11	14	12				
Chloramines	---	---	---	2.80	2.68	2.75				
Fluoride	0.19	0.19	0.19	0.71	0.56	0.66				4/[2]
Magnesium	17	17	18	13	11	12				
Sulfate	23.7	23.7	23.2	32.6	29.5	31.3				[250]
Total Phosphate	<0.05	<0.05	<0.05	0.88	0.88	0.88				
Total Hardness (as CaCO ₃)	186	186	170	80	81	82				
pH (units)	8.2	8.1	8.3	9.7	9.6	9.6				>7.0]
Conductivity (umhos/cm)	444	432	420	265	270	303				
Total Alkalinity (as CaCO ₃)	166	165	150	56	55	64				
Phenol Alkalinity (as CaCO ₃)	0	0	0	17	16	17				
Total Solids	243	243	221	131	131	152				[500]
Threshold Odor (TON)	4	4	4	0	0	0				[3]
Total Organic Carbon	4.00	3.89	3.97	2.79	2.66	2.73				
Turbidity (NTU)	4.42	2.36	1.08	0.05	0.03	0.05				0.3
Silica	9.3	9.1	7.3	8.1	7.9	6.4				
UV254 (cm ⁻¹)	0.080	0.080	0.070	0.060	0.050	0.050				
Total Coliform (Col/100ml)	61	20	5	<1	<1	<1				
E.Coli (Col/100ml)	14	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 MCL/[SMCL] in mg/L	
	Raw	Raw	Raw	Tap	Limit	Tap	Limit	Tap	Limit		
Disinfection By Products, Collected On:				8/1/2017			8/1/2017				
Haloacetic Acids (HAA5)	&	&	&	0.0148		0.0160		0.0136		0.060	
Trihalomethane	&	&	&	0.0377		0.0336		0.0374		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