



Austin Water Utility

CITY OF AUSTIN WATER QUALITY SUMMARY 2nd Quarter 2018

Average Results for Samples Collected April 1, 2018 to June 30, 2018

CONSTITUENT (mg/L)	DWTP	UWTP	WTP4	DWTP	UWTP	WTP4	SDWA Tap MCL/[SMCL]
	Raw	Raw	Raw	Tap	Tap	Tap	
Total Ammonia (as N)	42.3	---	---	0.56	0.56	0.55	
Free Ammonia (as N)	<0.05	<0.05	<0.05	0.06	0.09	0.06	
Calcium	45	45	40	10	13	12	
Chloramines	---	---	---	2.68	2.52	2.58	
Fluoride	0.21	0.21	0.21	0.76	0.63	0.68	4/[2]
Magnesium	19	19	19	15	13	14	
Sulfate	27.0	28.2	23.4	20.9	33.4	31.8	[250]
Total Phosphate	<0.05	<0.05	<0.05	0.89	0.94	0.89	
Total Hardness (as CaCO ₃)	190	189	178	87	87	89	
pH (units)	8.1	8.1	8.5	9.7	9.6	9.6	[>7.0]
Conductivity (umhos/cm)	459	461	435	290	291	319	
Total Alkalinity (as CaCO ₃)	167	166	158	61	59	69	
Phenol Alkalinity (as CaCO ₃)	0	0	2	17	16	17	
Total Solids	255	251	230	154	151	162	[500]
Threshold Odor (TON)	4	4	4	0	0	0	[3]
Total Organic Carbon	3.66	3.64	3.58	2.66	2.56	2.61	
Turbidity (NTU)	4.09	2.13	0.66	0.05	0.03	0.03	0.3
Silica	7.5	7.3	7.1	7.1	6.7	6.6	
UV254 (cm ⁻¹)	0.066	0.065	0.059	0.050	0.047	0.047	
Total Coliform (Col/100ml)	39	14	1	<1	<1	<1	
E.Coli (Col/100ml)	4	2	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 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:				5/8/2018		5/8/2018		5/8/2018		
Haloacetic Acids (HAA5)	&	&	&	0.0143		0.0143		0.0123		0.060
Trihalomethane	&	&	&	0.0432		0.0371		0.0357		0.080
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