



Austin Water Utility

CITY OF AUSTIN WATER QUALITY SUMMARY 2nd Quarter 2015

Average Results for Samples Collected April 1, 2015 to June 30, 2015

CONSTITUENT (mg/L)	DWTP	UWTP	WTP4	DWTP	UWTP	WTP4	SDWA Tap MCL/[SMCL]
	Raw	Raw	Raw	Tap	Tap	Tap	
Total Ammonia (as N)	---	---	---	0.60	0.54	0.55	
Free Ammonia (as N)	---	---	---	0.12	0.12	0.08	
Calcium	66	68	42	13	17	14	
Chloramines	---	---	---	2.63	2.50	2.58	
Fluoride	0.19	0.19	0.22	0.60	0.54	0.70	4/[2]
Magnesium	20	21	20	15	13	16	
Sulfate	45.9	46.4	33.6	48.1	49.0	42.2	[250]
Total Phosphate	0.06	0.04	0.10	0.89	0.75	0.93	
Total Hardness (as CaCO ₃)	249	253	194	94	99	103	
pH (units)	8.2	8.2	8.1	9.6	9.6	9.5	[>7.0]
Conductivity (umhos/cm)	605	602	508	344	361	392	
Total Alkalinity (as CaCO ₃)	205	207	163	44	49	71	
Phenol Alkalinity (as CaCO ₃)	0	0	0	14	15	16	
Total Solids	331	336	260	169	180	187	[500]
Threshold Odor (TON)	4	4	4	0	0	0	[3]
Total Organic Carbon	3.97	3.99	3.50	2.52	2.47	2.56	
Turbidity (NTU)	5.05	4.80	2.92	0.05	0.02	0.04	0.3
Silica	7.4	7.2	7.0	7.2	6.3	6.8	
UV254 (cm ⁻¹)	0.090	0.090	0.070	0.050	0.050	0.050	
Total Coliform (Col/100ml)	357	527	5	<1	<1	<1	
E.Coli (Col/100ml)	64	61	2	<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	DWTP	Detection	UWTP	Detection	WTP4	Detection	SDWA Tap MCL/[SMCL] in mg/L
	Raw	Raw	Raw	Tap	Limit	Tap	Limit	Tap	Limit	
Disinfection By Products, Collected On:				5/28/2015		5/28/2015		N/A		
Haloacetic Acids (HAA5)	&	&	&	0.0245		0.0301		N/A		0.060
Trihalomethane	&	&	&	0.0498		0.0506		N/A		0.080
Pesticides, Collected On:				3/23/2015		3/23/2015		3/23/2015		
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:				3/23/2015		3/23/2015		3/23/2015		
Chloride	&	&	&	49		49		52		[250]
Sodium	&	&	&	26.8		26.6		31.6		---
Metals, Collected On:				3/23/2015		3/23/2015		3/23/2015		
Aluminum	&	&	&	ND	0.0200	ND	0.0200	ND	0.0200	[0.05 - 0.2]
Arsenic	&	&	&	ND	0.0020	ND	0.0020	ND	0.0020	0.01
Barium	&	&	&	0.0065		0.0103		0.0106		2
Cadmium	&	&	&	ND	0.0010	ND	0.0010	ND	0.0010	0.005
Chromium	&	&	&	ND	0.0100	ND	0.0100	ND	0.0100	0.1
Copper	&	&	&	ND	0.0020	ND	0.0020	0.0070	0.0020	1.3 **
Iron	&	&	&	0.017	0.010	ND	0.010	0.014	0.010	[0.3]
Lead	&	&	&	ND	0.0010	ND	0.0010	ND	0.0010	0.015 **
Manganese	&	&	&	ND	0.0010	ND	0.0010	ND	0.0010	[0.05]
Mercury	&	&	&	ND	0.00040	ND	0.00040	ND	0.00040	0.002
Nickel	&	&	&	ND	0.0010	ND	0.0010	ND	0.0010	[0.10]
Selenium	&	&	&	ND	0.0030	ND	0.0030	ND	0.0030	0.05
Silver	&	&	&	ND	0.0100	ND	0.0100	ND	0.0100	[0.1]
Antimony	&	&	&	ND	0.0010	ND	0.0010	ND	0.0010	0.006
Beryllium	&	&	&	ND	0.00080	ND	0.00080	ND	0.00080	0.004
Thallium	&	&	&	ND	0.00040	ND	0.00040	ND	0.00040	0.002
Zinc	&	&	&	ND	0.0050	ND	0.0050	ND	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