



# Austin Water Utility

## CITY OF AUSTIN WATER QUALITY SUMMARY 3rd Quarter 2015

Average Results for Samples Collected July 1, 2015 to September 30, 2015										
CONSTITUENT (mg/L)	DWTP	UWTP	WTP4	DWTP	UWTP	WTP4	SDWA Tap			
	Raw	Raw	Raw	Tap	Tap	Tap	MCL/[SMCL]			
Total Ammonia (as N)	---	---	---	0.62	0.62	0.60				
Free Ammonia (as N)	---	---	---	0.11	0.14	0.09				
Calcium	55	56	45	14	16	13				
Chloramines	---	---	---	2.87	2.71	2.81				
Fluoride	0.20	0.20	0.19	0.69	0.59	0.67				4/[2]
Magnesium	21	21	18	14	13	13				
Sulfate	36.8	37.3	27.2	41.5	39.7	35.5				[250]
Total Phosphate	0.04	0.04	0.03	0.88	0.71	0.94				
Total Hardness (as CaCO <sub>3</sub> )	223	226	185	88	93	86				
pH (units)	8.2	8.2	7.8	9.7	9.7	9.6				[>7.0]
Conductivity (umhos/cm)	558	561	454	323	331	317				
Total Alkalinity (as CaCO <sub>3</sub> )	188	191	159	47	51	60				
Phenol Alkalinity (as CaCO <sub>3</sub> )	0	0	0	15	16	15				
Total Solids	316	318	249	174	180	163				[500]
Threshold Odor (TON)	4	4	4	0	0	0				[3]
Total Organic Carbon	4.45	4.61	3.71	2.58	2.58	2.45				
Turbidity (NTU)	4.61	4.73	1.76	0.05	0.02	0.04				0.3
Silica	9.7	9.9	7.5	7.8	8.4	7.1				
UV254 (cm <sup>-1</sup> )	0.070	0.080	0.090	0.050	0.050	0.050				
Total Coliform (Col/100ml)	45	81	1	<1	<1	<1				
E.Coli (Col/100ml)	4	8	<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	DWTP	Detection	UWTP	Detection	WTP4	Detection	SDWA Tap
	Raw	Raw	Raw	Tap	Limit	Tap	Limit	Tap	Limit	MCL/[SMCL] in mg/L
<b>Disinfection By Products, Collected On:</b>				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
<b>Pesticides, Collected On:</b>				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
<b>Inorganics, Collected On:</b>				3/23/2015		3/23/2015		3/23/2015		
Chloride	&	&	&	49		49		52		[250]
Sodium	&	&	&	26.8		26.6		31.6		---
<b>Metals, Collected On:</b>				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