

## CONSUMER CONFIDENCE REPORT INFORMATION - KANSAS CITY MISSOURI FINISHED WATER 2015

PARAMETER	DATE TESTED	VIOLATION	UNITS	MCL	MCLG	KCMO AVG	KCMO RANGE
<b>GENERAL CHEMISTRY</b>							
Chlorine (Chloramine)	2015	NO	ppm	MRDL=4	MRDLG=4	2.33	1.56 - 2.81
Fluoride	2015	NO	ppm	4	4	0.73	0.32 - 1.22
Nitrate (as N)	2015	NO	ppm	10	10	2.06	0.265 - 5.93
<b>ORGANICS</b>							
Atrazine	2015	NO	ppb	3	3	0.20	ND - 2.42
<b>METALS</b>							
Barium	2015	NO	ppm	2	2	0.014	0.007 - 0.025
Chromium	2015	NO	ppb	100	100	4	3 - 5
Selenium	2015	NO	ppb	50	50	2.0	2.0 - 3.2
<b>RADIOLOGICAL</b>							
Radium 226+228	2012	NO	pCi/L	5	0	ND	ND
<b>UNREGULATED</b>							
Alkalinity	2015	NA	ppm			33	20 - 65
Ammonia (as N)	2015	NA	ppm			0.20	0.08 - 0.49
Calcium	2015	NA	ppm			35.7	29.8 - 42.4
Magnesium	2015	NA	ppm			6.57	4.87 - 7.34
pH	2015	NA	s.u.			9.9	9.3 - 10.4
Sodium	2015	NA	ppm			63.9	42.1 - 76.7
Sulfate	2015	NA	ppm			166	47 - 247
Total Hardness (as CaCO <sub>3</sub> )	2015	NA	ppm			103	71 - 145

**DISTRIBUTION SYSTEM TESTING**

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**Lead & Copper Rule Household Testing:**

Lead

ppm AL=0.015 0

Copper

ppm AL=1.3 1.3

**Disinfection By-Products Testing:**

TTHMs [Total trihalomethanes]

ppb n/a

HAA5 [Haloacetic acids]

ppb n/a

**Disinfectants:**Avg. Quarterly Disinfectant Residual Level  
(Chloramine as Cl<sub>2</sub>)

ppm MRDL=4

**TOTAL COLIFORM RULE TESTING**

Turbidity (highest single turbidity - [month])

NTU 0.08 0.04 - 0.10

Turbidity (Monthly % below 0.3 NTU)

% &lt;95 100 100 - 100 %

Total Coliform - monthly % positive samples

% &gt;5

## RAW WATER ALKALINITY AND TOC REMOVAL

	Raw Water Alkalinity Avg PPM	Raw Water TOC Avg PPM	Delivered TOC Avg PPM	Removal Achieved Avg %	Removal Required %
Jan 15	211	3.74	2.04	45	
Feb 15	185	4.06	2.00	51	
Mar 15	199	4.25	2.24	47	
<b>1st Quarter</b>	<b>198</b>	<b>4.02</b>	<b>2.09</b>	<b>48</b>	<b>25</b>
Apr 15	189	4.60	2.48	46	
May 15	173	5.83	2.78	52	
Jun 15	173	6.38	3.22	50	
<b>2nd Quarter</b>	<b>178</b>	<b>5.60</b>	<b>2.83</b>	<b>49</b>	<b>25</b>
Jul 15	176	5.44	2.75	49	
Aug 15	173	5.02	2.48	51	
Sep 15	185	5.35	2.62	51	
<b>3rd Quarter</b>	<b>178</b>	<b>5.27</b>	<b>2.62</b>	<b>50</b>	<b>25</b>
Oct 15	205	4.92	2.56	48	
Nov 15	206	4.63	2.51	46	
Dec 15	203	4.79	2.38	50	
<b>4th Quarter</b>	<b>205</b>	<b>4.78</b>	<b>2.48</b>	<b>48</b>	<b>25</b>

TOC Table - Required % Removal of TOC			
Source Water TOC (mg/L)	Alkalinity (mg/L as CaCO <sub>3</sub> )		
	0-60	>60-120	>120
>2.0 to 4.0	35.0	25.0	15.0
>4.0 to 8.0	45.0	35.0	25.0
>8.0	50.0	40.0	30.0