

EXCELSIOR SPRINGS PWS
Public Water System ID Number: MO1010261
2018 Annual Water Quality Report
(Consumer Confidence Report)
Contaminants Report

EXCELSIOR SPRINGS PWS will provide a printed hard copy of the CCR upon request. To request a copy of this report to be mailed, please call us at **816-630-0755 Ext: 222**. The CCR can also be found on the internet at www.dnr.mo.gov/ccr/MO1010261.pdf

The state has reduced monitoring requirements for certain contaminants to less often than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Records with a sample year more than one year old are still considered representative. No data older than 5 years need be included. If more than one sample is collected during the monitoring period, the Range of Sampled Results will show the lowest and highest tested results. The Highest Test Result, Highest LRAA, or Highest Value must be below the maximum contaminant level (MCL) or the contaminant has exceeded the level of health based standards and a violation is issued to the water system.

Regulated Contaminants

Regulated Contaminants	Collection Date	Highest Test Result	Range of Sampled Result(s) (low - high)	Unit	MCL	MCLG	Typical Source
BARIUM	3/8/2017	0.139	0.139	ppm	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
CHROMIUM	3/8/2017	4.21	4.21	ppb	100	100	Discharge from steel and pulp mills
FLUORIDE	3/8/2017	0.16	0.16	ppm	4	4	Natural deposits; Water additive which promotes strong teeth
NITRATE-NITRITE	2/28/2018	0.05	0.05	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

Disinfection Byproducts	Sample Point	Monitoring Period	Highest LRAA	Range of Sampled Result(s) (low - high)	Unit	MCL	MCLG	Typical Source
(HAA5)	DBPDUAL-01	2018	29	26 - 31.6	ppb	60	0	Byproduct of drinking water disinfection
(HAA5)	DBPDUAL-02	2018	24	15.8 - 30.1	ppb	60	0	Byproduct of drinking water disinfection
(HAA5)	DBPDUAL-03	2018	26	18.1 - 27.5	ppb	60	0	Byproduct of drinking water disinfection
(HAA5)	DBPDUAL-04	2018	22	12.8 - 29.7	ppb	60	0	Byproduct of drinking water disinfection
TTHM	DBPDUAL-01	2018	62	21.9 - 63.8	ppb	80	0	Byproduct of drinking water disinfection
TTHM	DBPDUAL-02	2018	57	49.6 - 65.4	ppb	80	0	Byproduct of drinking water disinfection
TTHM	DBPDUAL-03	2018	65	58.5 - 71.3	ppb	80	0	Byproduct of drinking water disinfection
TTHM	DBPDUAL-04	2018	50	48.7 - 54.1	ppb	80	0	Byproduct of drinking water disinfection

Lead and Copper	Date	90th Percentile: 90% of your water utility levels were less than	Range of Sampled Results (low - high)	Unit	AL	Sites Over AL	Typical Source
COPPER	2015 - 2017	0.168	0.00783 - 0.455	ppm	1.3	0	Corrosion of household plumbing systems
LEAD	2015 - 2017	1.91	1 - 6.05	ppb	15	0	Corrosion of household plumbing systems

Microbiological	Result	MCL	MCLG	Typical Source
COLIFORM (TCR)	In the month of November, 1 sample(s) returned as positive	TT	N/A	Naturally present in the environment

Unregulated Contaminant Monitoring Rule (UCMR)	Collection Date of HV	Highest Value (HV)	Range of Sampled Result(s)	Unit
MOLYBDENUM, TOTAL	3/17/2014	1.46	1.46	UG/L
STRONTIUM	3/17/2014	220	220	UG/L
VANADIUM, TOTAL	3/17/2014	0.48	0.48	UG/L

Violations and Health Effects Information

During the 2018 calendar year, we had the below noted violation(s) of drinking water regulations.

Compliance Period	Analyte	Type
No Violations Occurred in the Calendar Year of 2018		

Special Lead and Copper Notice:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. EXCELSIOR SPRINGS PWS is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (800-426-4791) or at <http://water.epa.gov/drink/info/lead/index.cfm>

You can also find sample results for all contaminants from both past and present compliance monitoring online at the Missouri DNR Drinking Water Watch website <http://dnr.mo.gov/DWW/indexSearchDNR.jsp>. To find Lead and Copper results for your system, type your water system name in the box titled Water System Name and select Find Water Systems at the bottom of the page. The new screen will show you the water system name and number, select and click the Water System Number. At the top of the next page, under the Help column find, Other Chemical Results by Analyte, select and click on it. Scroll down alphabetically to Lead and click the blue Analyte Code (1030). The Lead and Copper locations will be displayed under the heading Sample Comments. Scroll to find your location and click on the Sample No. for the results. If your house was selected by the water system and you assisted in taking a Lead and Copper sample from your home but cannot find your location in the list, please contact EXCELSIOR SPRINGS PWS for your results.

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Optional Monitoring (not required by EPA)

Optional Contaminants

Monitoring is not required for optional contaminants.

Secondary Contaminants	Collection Date	Your Water System Highest Sampled Result	Range of Sampled Result(s) (low - high)	Unit	SMCL
ALKALINITY, CaCO ₃ STABILITY	3/8/2017	184	184	MG/L	
CALCIUM	3/8/2017	26.9	26.9	MG/L	
CHLORIDE	3/8/2017	18.4	18.4	MG/L	250
HARDNESS, CARBONATE	3/8/2017	156	156	MG/L	
IRON	3/8/2017	0.026	0.026	MG/L	0.3
MAGNESIUM	3/8/2017	21.5	21.5	MG/L	
MOLYBDENUM, TOTAL	3/17/2014	1.46	1.46	UG/L	
PH	3/8/2017	7.96	7.96	PH	8.5
POTASSIUM	3/8/2017	5.09	5.09	MG/L	
SODIUM	3/8/2017	7.54	7.54	MG/L	
STRONTIUM	3/17/2014	220	220	UG/L	
SULFATE	3/8/2017	32.5	32.5	MG/L	250
TDS	3/8/2017	201	201	MG/L	500
VANADIUM, TOTAL	3/17/2014	0.48	0.48	UG/L	
ZINC	3/8/2017	0.00246	0.00246	MG/L	5

Secondary standards are non-enforceable guidelines for contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor or color) in drinking water. EPA recommends these standards but does not require water systems to comply.