MAYSVILLE PWS

Public Water System ID Number: MO1010510

2021 Annual Water Quality Report

(Consumer Confidence Report)

Contaminants Report

MAYSVILLE 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 816-449-2185. The CCR can also be found on the Internet at www.dnr.mo.gov/ccr/MO1010510.pdf.

ate has reduced monitoring requirements for certain contaminants to less often than once per year because the concentrations of these contaminants are pected 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 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 . The Highest Test Result, Highest LRAA, or Highest Value must be below the maximum contaminant level (MCL) or the contaminant has exceeded the f health based standards and a violation is issued to the water system.

Regulated Contaminants

Regulated ntaminants	Collection Date	Highest Test Result	Range of Sampled Result(s) (low – high)	Unit	MCL	MCLG	Typical Source
ATRAZINE	8/25/2021	2.16	0 - 2.16	ppb	3	3	Runoff from herbicide used on row crops
BARIUM	3/23/2021	0.0659	0.0659	ppm	2	2	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
FLUORIDE	3/23/2021	0.16	0.16	ppm	4	4	Natural deposits; Water additive which promotes strong teeth
NITRATE-NITRITE	3/23/2021	0.73	0.73	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

isinfection yproducts	Sample Point	Monitoring Period	Highest LRAA	Range of Sampled Result(s) (low – high)	Unit	MCL	MCLG	Typical Source
(HAA5)	DBPDUAL-01	2021	41	23.6 - 42.6	ppb	60	0	Byproduct of drinking water disinfection
(HAA5)	DBPDUAL-02	2021	35	14.5 - 43.2	ppb	60	0	Byproduct of drinking water disinfection
TTHM	DBPDUAL-01	2021	42	24.7 - 44.5	ppb	80	0	Byproduct of drinking water disinfection
TTHM	DBPDUAL-02	2021	44	29 - 42.9	ppb	80	0	Byproduct of drinking water disinfection

TOC	Collection Date	Highest Value	Range of Sampled Results	Unit	TT	Typical Source
CARBON, TOTAL	2/23/2021	4.56	2.71 - 4.56	MG/L	0	Naturally present in the environment

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	2019	0.58	0.0583 - 1.56	ppm	1.3	1	Corrosion of household plumbing systems
LEAD	2019	2.15	0 - 5.61	ppb	15	0	Corrosion of household plumbing systems

% of samples in compliance with Standard	Months Occurred	Monitoring Violation	Highest Single Measurement	Month Occurred	Sources	In Compliance
100	11	NO	0.29	JAN	SOIL RUNOFF	NO

Microbiological	Result	MCL	MCLG	Typical Source
COLIFORM (TCR)	In the month of August, 1 sample(s) returned as positive	Treatment Technique Trigger	0	Naturally present in the environment
E. COLI	In the month of January, 1 sample(s) returned as positive	MCL: A Routine Sample and a Repeat Sample are Total Coliform Positive, and One is also Fecal Positive/E. Coli Positive	0	Human and animal fecal waste

Violations and Health Effects Information

g the 2021 calendar year, we had the below noted violation(s) of drinking water regulations.

Compliance Period	Analyte	Type
Violations Occurred in the Calendar Year of 2021		

cial Lead and Copper Notice:

sent, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from rials and components associated with service lines and home plumbing. MAYSVILLE PWS is responsible for providing high quality drinking water, but cannot ol the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead sure 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 ve 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 r Hotline (800-426-4791) or at http://water.epa.gov/drink/info/lead/index.cfm.

ntaminant sample results from past and present compliance monitoring are available online at the Missouri DNR Drinking Water Watch website at dnr.mo.gov/DWW/. To see the Lead and Copper results, enter your water system's name in the box titled Water System Name, then select Find Water ms at the bottom of the page. On the next screen, click on the Water System Number. At the top of the next page, under the Help column, click on Other nical Results by Analyte. Scroll down to Lead and click the blue Analyte Code (1030). A Sample Collection Date range may need to be entered. The Lead and er locations will be displayed under the heading Sample Comments. Scroll to find your location and click on the Sample No. for results. If you assisted the system in taking a Lead and Copper sample but cannot find your location on the list, please contact MAYSVILLE PWS for your results.

ruary 24, 2022

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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, CACO3 STABILITY	3/23/2021	103	103	MG/L	
ALKALINITY, TOTAL	12/15/2021	80	70 – 80	MG/L	
CALCIUM	3/23/2021	40.9	40.9	MG/L	
CHLORIDE	3/23/2021	31.4	31.4	MG/L	250
HARDNESS, CARBONATE	3/23/2021	140	140	MG/L	
MAGNESIUM	3/23/2021	9.25	9.25	MG/L	
MANGANESE	3/23/2021	0.00119	0.00119	MG/L	0.05
NICKEL	3/23/2021	0.00148	0.00148	MG/L	0.1
PH	3/23/2021	7.51	7.51	PH	8.5
POTASSIUM	3/23/2021	6.17	6.17	MG/L	
SODIUM	3/23/2021	10.4	10.4	MG/L	
SULFATE	3/23/2021	31.8	31.8	MG/L	250
TDS	3/23/2021	194	194	MG/L	500
ZINC	3/23/2021	0.0273	0.0273	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.

February 24, 2022