2020 Annual Water Quality Report

Black Mountain Utility District Serving the Communities of:

Coxton – Dayhoit – Green Hills – Kenvir – Louellen – Rosspoint – Sukey Ridge – Wallins

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Black Mountain Utility District 2020 Water Quality Report

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Address: 609 Four Mile Road Baxter, KY 40806 Meetings: Utility District Office / Second Tuesday each month at 4:00 pm

The purpose of this report is to inform our customers about the quality of water and services provided daily. Our commitment is to deliver safe, clean, and reliable supply of drinking water to your tap. Black Mountain Utility District (BMUD) operates eight public drinking water systems which directly serves a population of 9,000; that is approximately 34% of Harlan County. There is a great deal of energy, ingenuity and teamwork involved in providing water service to our customers. The dedicated staff of BMUD operates and maintains over 140 miles of water lines, 12 storage tanks and 10 pump stations to deliver safe and affordable drinking water to 3,354 households. We are proud to be able to supply water for about a penny per gallon—an exceptional value.

Source Water Information

We purchase treated drinking water from Harlan Municipal Water Works, Evarts Municipal Water Works and Pineville Utility Commission. Where you live in the county determines the source of your drinking water. Those living in the Coxton, Dayhoit, Rosspoint, Sukey Ridge and Wallins areas are supplied by Harlan; those in the Kenvir and Louellen areas by Evarts and Green Hills is supplied by both Harlan and Pineville. The raw water source for our suppliers is a combination of surface water and groundwater. Harlan withdraws water from the Poor Fork of the Cumberland River and Pineville from Cannon Creek Lake; however, Evarts withdraws water from an abandoned coal mine and three water wells in the area. Raw water is pumped from these sources to their respective treatment plants where particulate matter is settled and oxidation is used to remove contaminants after which the water is filtered and disinfected with chlorine to further protect public health. As part of a multi barrier approach to safeguard the public, land use within the watershed have been assessed to better understand their potential impact to water quality and to assign a susceptibility rating. A susceptibility analysis uses a weighted rating system which evaluates the toxicity, distance and likelihood contaminants being released which could adversely affect water quality. The analysis rates all three sources at a moderate risk to contamination however, there are a few areas of concern. Surface run-off and erosion from logging and mining activities serve as potential threats in addition to wastewater discharges and fuel & chemical spills through road / rail transportation corridors that transect the watershed. These land uses make the source water susceptible to contamination from bacteria, metals and organic chemicals. Land use within the watershed can pose potential risks to your drinking water. Under certain circumstances contaminants could be released that would pose challenges to water treatment or even get into your drinking water. These activities and how they are conducted, are of interest to our customers because they potentially affect your health and the cost of treating your water. The complete source water assessments can be reviewed at Cumberland Valley Area Development District in London, KY.

Public Health Information

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects may be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and may pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include: Microbial contaminants, such as viruses and bacteria, (sewage plants, septic systems, livestock operations, or wildlife). Inorganic contaminants, such as salts and metals, (naturally occurring or from stormwater runoff, wastewater discharges, oil and gas production, mining, or farming). Pesticides and herbicides, (stormwater runoff, agriculture or residential uses). Organic chemical contaminants, including synthetic and volatile organic chemicals, (by-products of industrial processes and petroleum production, or from gas stations, stormwater runoff, or septic systems). Radioactive contaminants, (naturally occurring or from oil and gas production or mining activities). In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water to provide the same protection for public health.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

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. Your local public water system 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 or at http://www.epa.gov/safewater/lead.

Some or all of these definitions may be found in this report:

Maximum Contaminant Level (MCL) - the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) - the highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - the level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Below Detection Levels (BDL) - laboratory analysis indicates that the contaminant is not present.

Not Applicable (N/A) - does not apply.

Parts per million (ppm) - or milligrams per liter, (mg/l). One part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) - or micrograms per liter, (µg/L). One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Parts per trillion (ppt) - one part per trillion corresponds to one minute in 2,000,000 years, or a single penny in \$10,000,000,000.

Parts per quadrillion (ppq) - one part per quadrillion corresponds to one minute in 2,000,000,000 years or one penny in \$10,000,000,000,000.

Picocuries per liter (pCi/L) - a measure of the radioactivity in water.

Millirems per year (mrem/yr) - measure of radiation absorbed by the body.

Million Fibers per Liter (MFL) - a measure of the presence of asbestos fibers that are longer than 10 micrometers.

Nephelometric Turbidity Unit (NTU) - a measure of the clarity of water. Turbidity has no health effects. However, turbidity can provide a medium for microbial growth. Turbidity is monitored because it is a good indicator of the effectiveness of the filtration system.

Variances & Exemptions (V&E) - State or EPA permission not to meet an MCL or a treatment technique under certain conditions.

Action Level (AL) - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system shall follow.

Treatment Technique (TT) - a required process intended to reduce the level of a contaminant in drinking water.

Spanish (Español) Este informe contiene información muy importante sobre la calidad de su agua beber. Tradúzcalo o hable con alguien que lo entienda bien.

To understand the possible health effects described for many regulated contaminants, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

The data presented in this report are from the most recent testing done in accordance with administrative regulations in 401 KAR Chapter 8. As authorized and approved by EPA, 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. Some of the data in this table, though representative, may be more than one year old. Copies of this report are available upon request by contacting our office during business hours.

COXTON, DAYHOIT, ROSSPOINT, SUKEY RIDGE AND WALLINS CUSTOMERS HARLAN MUNICIPAL WATER WORKS PWSID# 0480178 Regulated Contaminant Test Results Range Likely Source of Date of Contaminant Report MCLG Violation [code] (units) Level of Detection Sample Contamination **Inorganic Contaminants** Barium Drilling wastes; metal refineries; 0.036 No [1010] (ppm) 0.036 to Aug-20 erosion of natural deposits Fluoride Water additive which promotes Aug-20 [1025] (ppm) 4 4 0.71 0.71 0.71 No strong teeth Disinfection Byproduct Precursor Total Organic Carbon (ppm) 1.16 No Naturally present in environment. (measured as ppm, but TT* N/A (lowest 1.00 to 1.82 2020 reported as a ratio) (monthly ratios) average) Monthly ratio is the % TOC removal achieved to the % TOC removal required. Annual average must be 1.00 or greater for compliance. Other Constituents Turbidity (NTU) TT Allowable Highest Single Lowest Violation Likely Source of Turbidity Levels Measurement Monthly % * Representative samples Turbidity is a measure of the No more than 1 NTU* clarity of the water and not a Less than 0.3 NTU in 0.28 100 No Soil runoff

BLACK MOUNTAIN UTI	LACK MOUNTAIN UTILITY DISTRICT - COXTON PWSID# KY0480265											
Regulated Contaminant Test Results												
Contaminant	MCL	MCLG	Report		Rang	e	Date of	Violation	Likely Source of			
[code] (units)	MCL	MCLG	Level	0	f Detec	tion	Sample		Contamination			
Disinfectants/Disinfection Byproducts and Precursors												
Chlorine	MRDL	MRDLG	0.71						Water additive used to control			
(ppm)	= 4	= 4	(highest	0.31	to	0.71	2020	l No	microbes.			
			average)									
HAA (ppb) (Stage 2)			28						D 1			
[Haloacetic acids]	60	N/A	(high site	8	to	41	2020	I No	Byproduct of drinking water disinfection			
			average)	(range	of indiv	idual sites)			distincction			
TTHM (ppb) (Stage 2)			45						D 1			
[total trihalomethanes]	80	N/A	(high site	11	to	65	2020	I No	Byproduct of drinking water disinfection.			
			average)	(range	of indiv	idual sites)			disinfection.			

Violation: Sanitary Survey (2020-9950516)

95% of monthly samples

ontaminant.

We received a violation for failing to respond to a sanitary survey non-significant deficiency as required in KAR Chapter 8:022 by 4/29/19. The deficiency observed was record keeping. We have since addressed the issued and responded on 6/10/20. There is no public health effect as a result of this violation. We have since been returned back to compliance.

BLACK MOUNTAIN UT	ILITY DIS	TRICT - DAY	ногт						PWSID# KY0480277	
Regulated Contaminant T	est Results									
Contaminant	MCL	MCLG	Report		Rang	ge	Date of	Violation	Likely Source of	
[code] (units)	MCL	MCLG	Level	0	f Detec	ction	Sample		Contamination	
Disinfectants/Disinfection	Byproduct	s and Precurs	ors							
Chlorine	MRDL	MRDLG	0.98						Water distance in the control	
(ppm)	= 4	= 4	(highest	0.69	to	1.17	2020	No	Water additive used to control microbes.	
			average)							
HAA (ppb) (Stage 2)			33						D 1 . C1:1:	
[Haloacetic acids]	60	N/A	(high site	15	to	43	2020	No	Byproduct of drinking water disinfection	
			average)	(range o	of indiv	ridual sites)				
TTHM (ppb) (Stage 2)			49						Down to the first time and the	
[total trihalomethanes]	80	N/A	(high site	27	to	67	2020	No	Byproduct of drinking water disinfection.	
			average)	(range o	of indiv	idual sites)			districction.	
Household Plumbing Cont	aminants									
Copper [1022] (ppm)	AL =		0.0418						Committee of the control of the control	
sites exceeding action level	1.3	1.3	(90 th	0	to	0.0801	Aug-18	No	Corrosion of household plumbing systems	
0			percentile)						ayatema	
Lead [1030] (ppb)	AL =		0			_			G : 61 1.11.1.1:	
sites exceeding action level	15	0	(90 th	0	to	2	Aug-18	No	Corrosion of household plumbing systems	
0			percentile)						systems	

Violation: Sanitary Survey (2020-9610202)

We received a violation for failing to respond to a sanitary survey non-significant deficiency as required in KAR Chapter 8:022 by 4/29/19. The deficiency observed was record keeping. We have since addressed the issued and responded on 6/10/20. There is no public health effect as a result of this violation. We have since been returned back to compliance.

BLACK MOUNTAIN UTI	LITY DIS	TRICT - ROS	SPOINT				PWSID# KY0480650	
Regulated Contaminant To	est Results							
Contaminant	MCL	MCLG	Report	Range	Date of	Violation	Likely Source of	
[code] (units)	MCL	MCLG	Level	of Detection	Sample	Violation	Contamination	
Disinfectants/Disinfection	Byproduct	s and Precurs	ors				•	
Chlorine	MRDL	MRDLG	0.95				W-+1121	
(ppm)	= 4	= 4	(highest	0.71 to 1.27	2020	2020 No	Water additive used to control microbes.	
			average)				microscs.	
HAA (ppb) (Stage 2)			28				D. J. Clili	
[Haloacetic acids]	60	N/A	(high site	12 to 34	2020	No	Byproduct of drinking water disinfection	
			average)	(range of individual sites)			distinection	
TTHM (ppb) (Stage 2)			43				D. J. Clili	
[total trihalomethanes]	80	N/A	(high site	20 to 66	2020	No	Byproduct of drinking water disinfection.	
			average)	(range of individual sites)			disinection.	
Household Plumbing Cont	aminants		•					
Copper [1022] (ppm)	AL =		0.0114				0	
sites exceeding action level	1.3	1.3	(90 th	0 to 0.0186	Jul-18	No	Corrosion of household plumbing systems	
0			percentile)				systems	

Violation: Sanitary Survey (2020-9610202)

We received a violation for failing to respond to sanitary survey non-significant deficiencies as required in KAR Chapter 8:022 by 4/29/19. The deficiencies observed included record keeping, road maintenance to tank site and a broken meter valve. We have since addressed the issued and responded on 6/10/20. There is no public health effect as a result of this violation. We have since been returned back to compliance.

BLACK MOUNTAIN UTI	BLACK MOUNTAIN UTILITY DISTRICT - SUKEY RIDGE PWSID# KY0480461											
Regulated Contaminant Test Results												
Contaminant	MCL	MCLG	Report		Rang	e	Date of	Violation	Likely Source of			
[code] (units)	MCL	MCLG	Level	c	f Detec	tion	Sample	Violation	Contamination			
Disinfectants/Disinfection Byproducts and Precursors												
Chlorine	MRDL	MRDLG	1.19						Water of Prince and the control			
(ppm)	= 4	= 4	(highest	0.77	to	1.49	2020	No	Water additive used to control microbes.			
			average)						inici occs.			
HAA (ppb) (Stage 2)			29									
[Haloacetic acids]	60	N/A	(high site	13	to	36	2020	No	Byproduct of drinking water disinfection			
			average)	(range	of indivi	dual sites)			distinction			
TTHM (ppb) (Stage 2)			55						D 1			
[total trihalomethanes]	80	N/A	(high site	27	to	67	2020	No	Byproduct of drinking water disinfection.			
			average)	(range	of indivi	dual sites)			disinfection.			

Violation: Sanitary Survey (2020-9610617)

We received a violation for failing to respond to a sanitary survey non-significant deficiency as required in KAR Chapter 8:022 by 4/29/19. The deficiency observed was record keeping. We have since addressed the issued and responded on 6/10/20. There is no public health effect as a result of this violation. We have since been returned back to compliance.

BLACK MOUNTAIN UTI	LITY DIS	TRICT - WAI	LLINS				PWSID# KY0480572				
Regulated Contaminant Test Results											
Contaminant	MCL	MCLG	Report	Range	Date of	Violation	Likely Source of				
[code] (units)	MCL	MCLG	Level	of Detection	Sample	violation	Contamination				
Disinfectants/Disinfection Byproducts and Precursors											
Chlorine	MRDL	MRDLG	0.93				W. d 1122				
(ppm)	= 4	= 4	(highest	0.59 to 1.14	2020	No	Water additive used to control microbes.				
			average)								
HAA (ppb) (Stage 2)			22				D 1				
[Haloacetic acids]	60	N/A	(high site	3 to 20	2020	No	Byproduct of drinking water disinfection				
			average)	(range of individual sites)			distinection				
TTHM (ppb) (Stage 2)			48				D 1				
[total trihalomethanes]	80	N/A	(high site	9 to 37	2020	No	Byproduct of drinking water disinfection.				
			average)	(range of individual sites)			distriction.				
Household Plumbing Cont	aminants	-	•		•	•					
Copper [1022] (ppm)	AL =		0.0158				G : C 1 1 1 1				
sites exceeding action level	1.3	1.3	(90 th	0 to 0.0165	Aug-18	No	Corrosion of household plumbing systems				
0			percentile)				systems				

Violation: Sanitary Survey (2020-8930632)

We received a violation for failing to respond to sanitary survey non-significant deficiencies as required in KAR Chapter 8:022 by 5/11/20. The deficiencies observed included record keeping, maintaining a system map, operation & maintenance manual update and having a standard procedure for issuing boil water advisories. We have since addressed the issued and responded on 6/10/20. There is no public health effect as a result of this violation. We have since been returned back to compliance.

	KENVIR AND LOUELLEN CUSTOMERS											
EVARTS MUNICIPAL W	EVARTS MUNICIPAL WATER WORKS PWSID# 0480125											
Regulated Contaminant Test Results												
Contaminant	MCL	MCLG	Report	Rai	nge	Date of	Violation	Likely Source of				
[code] (units)	MCL	MCEG	Level	of Det	ection	Sample	Violation	Contamination				
Inorganic Contaminants												
Barium [1010] (ppm)	2	2	0.282	0.282 to	0.282	Aug-20	No	Drilling wastes; metal refineries; erosion of natural deposits				
Fluoride [1025] (ppm)	4	4	0.40	0.4 to	0.4	Aug-20	No	Water additive which promotes strong teeth				
Disinfection Byproduct Pro	ecursor						•					
Total Organic Carbon (ppm) (measured as ppm, but reported as a ratio)	TT*	N/A	(lowest average)	1.00 to	1.00 y ratios)	2020	No	Naturally present in environment.				
*Monthly ratio is the % TOC re-	moval achiev	ed to the % TOC	removal req	uired. Annual a	verage must be	e 1.00 or greate	er for compli	ance.				
Other Constituents												
Turbidity (NTU) TT	Al	lowable	High	est Single	Lowest	Violation		Likely Source of Turbidity				
* Representative samples	1	Levels	Mea	surement	Monthly %	violation		Likely Source of Turbidity				
Turbidity is a measure of the	No more th	an 1 NTU*										
clarity of the water and not a	Less than 0	.3 NTU in	C).29	100	No	Soil runoff					
contaminant.	95% of mor	nthly samples										

BLACK MOUNTAIN UTI	BLACK MOUNTAIN UTILITY DISTRICT - KENVIR PWSID# KY0480603											
Regulated Contaminant Test Results												
Contaminant	MCL	MCLG	Report	Range	Date of	Violation	Likely Source of					
[code] (units)	MCL	MCLG	Level	of Detection	Sample	violation	Contamination					
Disinfectants/Disinfection Byproducts and Precursors												
Chlorine	MRDL	MRDLG	1.92				W. 112					
(ppm)	= 4	= 4	(highest	0.94 to 2.2	2020	No	Water additive used to control microbes.					
			average)									
HAA (ppb) (Stage 2)			12				D					
[Haloacetic acids]	60	N/A	(high site	4 to 19	2020	No	Byproduct of drinking water disinfection					
			average)	(range of individual sites)			distinction					
TTHM (ppb) (Stage 2)			24				D 1					
[total trihalomethanes]	80	N/A	(high site	5 to 33	2020	No	Byproduct of drinking water disinfection.					
			average)	(range of individual sites)			districction.					
Household Plumbing Conta	aminants											
Copper [1022] (ppm)	AL =		0.0319				G : 61 111111					
sites exceeding action level	1.3	1.3	(90 th	0.0133 to 0.0324	Jul-18	No	Corrosion of household plumbing systems					
0			percentile)				Systems					

Violation: Sanitary Survey (2020-9610416)

We received a violation for failing to respond to a sanitary survey non-significant deficiency as required in KAR Chapter 8:022 by 4/29/19. The deficiency observed was record keeping. We have since addressed the issued and responded on 6/10/20. There is no public health effect as a result of this violation. We have since been returned back to compliance.

BLACK MOUNTAIN UT	ILITY DIS	TRICT - LOU	JELLEN						PWSID# KY0480498		
Regulated Contaminant T	est Results										
Contaminant	MCL	MCLG	Report	Range of Detection			Date of	Violation	Likely Source of		
[code] (units)	WICL	WICLG	Level				Sample	violation	Contamination		
Disinfectants/Disinfection Byproducts and Precursors											
Chlorine	MRDL	MRDLG	1.69						W 110 1 1 1		
(ppm)	= 4	= 4	(highest	0.86	to	1.84	2020	No	Water additive used to control microbes.		
			average)								
HAA (ppb) (Stage 2)			14						Demonstrate of Linking and a		
[Haloacetic acids]	60	N/A	(high site)	13	to	14	2020	No	Byproduct of drinking water disinfection		
(Annual Sample)				(range o	of indiv	ridual sites)			distinction		
TTHM (ppb) (Stage 2)			33						Demonstrate of Linking and		
[total trihalomethanes]	80	N/A	(high site)	32	to	33	2020	No	Byproduct of drinking water disinfection.		
(Annual Sample)				(range o	of indiv	ridual sites)			districction.		
Household Plumbing Cont	aminants	-	•						•		
Copper [1022] (ppm)	AL =		0.0197						Committee of the control of the cont		
sites exceeding action level	1.3	1.3	(90 th	0.0172	to	0.0202	Aug-18	No	Corrosion of household plumbing systems		
0			percentile)						Systems		

Violation: Sanitary Survey (2020-9639720

We received a violation for failing to respond to sanitary survey non-significant deficiencies as required in KAR Chapter 8:022 by 4/29/19. The deficiencies observed included record keeping, inadequate discharge pipe length, road maintenance to tank site and overgrown vegetation. We have since addressed the issued and responded on 6/10/20. There is no public health effect as a result of this violation. We have since been returned back to compliance.

GREEN HILLS CUSTOMERS P - PINEVILLE WATER SYSTEM (PWSID# KY0070353) H - HARLAN WATER WORKS (PWSID# KY0480178) **Regulated Contaminant Test Results** Range Likely Source of Contaminant Date of Report MCL MCLG Violation Level of Detection Contamination Sample [code] (units) **Inorganic Contaminants** Barium P= 0.008 0.008 to 0.008 Apr-20 No Drilling wastes; metal refineries; erosion of natural [1010] (ppm) 2 2 H= 0.036 0.036 to 0.036Aug-20 No deposits No Fluoride 0.4 0.4 0.4 Apr-20 to 4 4 H= 0.71 Water additive which promotes strong teeth [1025] (ppm) 0.71 0.71 No to Aug-20 **Disinfection Byproducts Precursor** Total Organic Carbon (ppm) P= 1.00 1.00 to 1.90 2020 No (report level=lowest avg. TT* N/A H= 1.25 1.00 2020 No Naturally present in environment. to range of monthly ratios) *Monthly ratio is the % TOC removal achieved to the % TOC removal required. Annual average must be 1.00 or greater for compliance. Other Constituents Turbidity (NTU) TT Allowable Source **Highest Single** Lowest Violation Likely Source of Turbidity * Representative samples Levels Monthly % Measurement No more than 1 NTU* P= 0.292 No 100 Turbidity is a measure of the clarity of the water and not a Less than 0.3 NTU in H= 0.28 100 No Soil runoff contaminant. 95% monthly samples

BLACK MOUNTAIN UTILITY DISTRICT - GREEN HILLS PWSID# KY0480341											
Regulated Contaminant Test Results											
Contaminant	MCI	MCLC	D (7 1		Range		Date of	*** *	Likely Source of		
[code] (units)	MCL	MCLG	Report Level	0	f Dete	ction	Sample	Violation	Contamination		
Disinfectants/Disinfection Byproducts											
Chlorine	MRDL	MRDLG	1.17								
(ppm)	= 4	= 4	(highest	0.45	to	1.88	2020	No	Water additive used to control microbes.		
			average)								
HAA (ppb) (Stage 2)			47								
[Haloacetic acids]	60	N/A	(high site	14	to	85	2020	No	Byproduct of drinking water disinfection		
			average)	(range o	of indiv	idual sites)					
TTHM (ppb) (Stage 2)			54								
[total trihalomethanes]	80	N/A	(high site	16	to	95	2020	No	Byproduct of drinking water disinfection.		
			average)	(range o	of indiv	idual sites)					
Household Plumbing Co	ontamina	nts									
Copper [1022] (ppm)	AL =		0.0109								
sites exceeding action level	1.3	1.3	(90 th	0	to	0.0567	Jun-19	No	Corrosion of household plumbing systems		
0			percentile)								
Lead [1030] (ppb)	AL =		0								
sites exceeding action level	15	0	(90 th	0	to	5	Jun-19	No	Corrosion of household plumbing systems		
0			percentile)								

Violation: Sanitary Survey (2020-9604315)

We received a violation for failing to respond to sanitary survey non-significant deficiencies as required in KAR Chapter 8:022 by 4/29/19. The deficiencies observed included record keeping, road maintenance to tank site and inadequate discharge piping. We have since addressed the issued and responded on 6/10/20. There is no public health effect as a result of this violation. We have since been returned back to compliance.