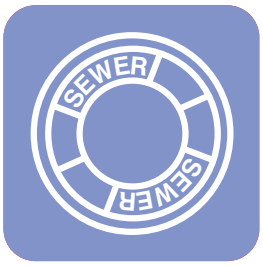

Harvest-Monrovia Water, Sewer & Fire Protection Authority

2019 Annual Drinking Water Quality Report

The Authority is pleased to report to each customer that the **DRINKING WATER IS SAFE!!** This report is delivered to you each year to provide information about the quality of water the Authority provides to the customers. This information is for testing conducted from January 1 to December 31, 2018. It is our goal to provide clean, safe drinking water to each of you throughout the year. Our staff strives each day to accomplish this goal.

In September of 2018 Harvest-Monrovia received the Best Operated Plant Award for the Burwell Water Treatment Plant and the Distribution System received the three year award for the Best Operated Distribution System for 15,001 to 25,000 meters at the annual AWPCA conference. You can see from these awards the Authority is striving to be the best we can be and to provide the service each customer deserves.

Our water source is groundwater drawn from eight wells throughout the system. The Tuscumbia-Fort Payne Aquifer system supplies water to our eight wells. Water from four of our wells is treated at the ten million gallons a day water plant. Water from three other sites is treated at the four million gallons a day Membrane Plant and one well is treated at the well site. The Authority has established a Source Water Protection Plan that has been approved by ADEM. Information on potential contaminant sources has been defined and is available at the office. The major sources of potential contamination are existing wells, agricultural run-off and septic tanks.

It is our goal to provide clean, safe drinking water to each of you throughout the year and to our children in the future.

The source 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 radioactive material and it can pick up substances from the presence of animal or human activity.

Some people may be more vulnerable to contaminants in drinking water than the general population. People who are immuno-compromised such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, HIV/AIDS positive 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 Crytosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

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. Harvest-Monrovia Water, Sewer and Fire Protection Authority 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 two minutes before using water for drinking or cooking. If you are concerned about lead in drinking water, testing methods and steps you can take to minimize exposure are available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead.

The Authority routinely monitors for contaminates in your drinking water according to EPA and ADEM regulations. The following Table of Contaminants shows the contaminant tested for and the Detected Contaminant results of our monitoring period from January 1, 2018 through December 31, 2018. Based on a study conducted by ADEM with the approval of the EPA a statewide waiver for the monitoring of asbestos and dioxin was issued. Thus, monitoring for any of these contaminants was not required. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It is important to remember that the presence of these contaminants does not necessarily pose a health risk.

The following terms will be needed to help understand the table.

- **Non-Detects (ND)** – Laboratory analysis indicates that the constituent is not present.
- **Parts per million (ppm)** – One part per million is equal to one minute in two years.
- **Parts per billion (ppb)** – One part per billion is equal to one minute in 2,000 years.
- **Parts per trillion (ppt)** – One part per trillion is equal to one minute in 2,000,000 years.
- **Picocuries per liter (pCi/L)** – Measure of radiation in the water.
- **Millirems per year (mrem/yr)** – Measure of radiation absorbed by the body.
- **Nephelometric Turbidity Unit (NTU)** – Measure of water clarity.
- **Action Level (AL)** – The concentration of a contaminant which, if exceeds, triggers treatment or other requirements which a water system must follow.
- **Treatment Technique (TT)** – A treatment technique is a required process intended to reduce the level of a contaminant in the water.
- **Maximum Contaminant Level (MCL)** – Highest level of a contaminant allowed in the drinking water.
- **Maximum Contaminant Level Goal (MCLG)** – Level of a contaminant in drinking water below which there are no known or expected health risks.
- **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.
- **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.
- **Monitor for Unregulated Contaminants (MON)** – Monitoring only required. No limits have been approved for these contaminants.

2018 Test Results – Primary and Detected Contaminants

CONTAMINANT	VIOLATION YES/NO	LEVEL DETECTED	RANGE	MCL GOAL	MCL	LIKELY SOURCE OF CONTAMINATION
Microbiological Contaminants						
Total Coliform Bacteria (2018)	N	<1% monthly samples	N/A	0	<5% monthly samples	Naturally present in the environment
Fecal Coliform and E. Coli (2018)	N	0	N/A	0	0	Human and animal fecal waste
Turbidity (NTU) (2018)	N	0.1	0.01 - 0.1	0.1	0.3	Reporting by plant on filtered water
Radioactive Contaminants						
Alpha emitters (pCi/L) (2014)	N	2.04	N/A	0	15	Erosion of natural deposits
Radium 228 (pCi/L) (2014)	N	0.337	N/A	0	5	Erosion of natural deposits

CONTAMINANT	VIOLATION YES/NO	LEVEL DETECTED	RANGE	MCL GOAL	MCL	LIKELY SOURCE OF CONTAMINATION
Inorganic Contaminants						
Antimony (ppb) (2016)	N	ND	N/A	6	6	Discharge from petroleum refineries
Arsenic (ppb) (2016)	N	ND	N/A	0	10	Erosion of natural deposits; runoff from orchards, glass/ electronics production waste
Barium (ppm) (2016)	N	0.0186	.0165 - .0186	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Beryllium (ppb) (2016)	N	ND	N/A	4	4	Discharge of metal refineries and coal-burning factories; discharge from electrical, aerospace, and defense industries
Cadmium (ppb) (2016)	N	ND	N/A	5	5	Corrosion of galvanized pipes; erosion of natural deposits; waste from batteries
Chromium (ppb) (2016)	N	1.005	ND - 1.005	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Copper (ppm) (2016)	N	0.773	0.124 - 0.881	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Cyanide (ppb) (2016)	N	ND	N/A	200	200	Discharge from steel and metal factories; discharge from plastic and fertilizer factories
Fluoride (ppm) (2018)	N	1.1	ND - 1.1	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Lead (ppb) (2016)	N	1.9	ND - 7.7	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
Mercury (inorganic) (ppb) (2016)	N	ND	N/A	2	2	Erosion of natural deposits; runoff from landfills and cropland
Nitrate (as Nitrogen) (ppm) (2018)	N	3.05	2.81 - 3.05	10	10	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Nitrite (as Nitrogen) (ppm) (2018)	N	ND	N/A	1	1	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Total Nitrate and Nitrite (ppm) (2018)	N	3.05	2.81 - 3.05	10	10	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Nickel (ppm) (2016)	N	0.0056	.0008 - .0056	0.1	0.1	Erosion of natural deposits; discharge from mines
Selenium (ppb) (2016)	N	0.691	ND - .0691	50	50	Erosion of natural deposits; discharge from mines
Thallium (ppb) (2016)	N	ND	N/A	0.5	2	Leaching from ore-processing sites; discharge from electronic, glass, and drug factories
Synthetic Organic Contaminants						
1,2-Dibromoethane (ppb) (2016)	N	ND	N/A	0	5	Discharge from petroleum refineries
2,4,5-TP (Silvex) (ppb) (2016)	N	ND	N/A	50	50	Residue from banned herbicide
2,4-D (ppb) (2016)	N	ND	N/A	70	70	Runoff from herbicide used on row crops
Acrylamide (2008)	N	ND	N/A	0	TT	Added to water during sewage/wastewater treatment
Alachlor (ppb) (2016)	N	ND	N/A	0	2	Herbicide runoff
Atrazine (ppb) (2016)	N	ND	N/A	3	3	Runoff from herbicide used on row crops
Benzo(a)pyrene (ppb) (2016)	N	ND	N/A	0	200	Leaching from linings of water storage tanks and distribution lines
bis[2-Ethylhexyl]adipate (ppb) (2016)	N	ND	N/A	400	400	Discharge from chemical factories
bis[2-Ethylhexyl]phthalate (ppb) (2016)	N	ND	N/A	0	6	Discharge from rubber chemical factories
Carbofuran (ppb) (2016)	N	0.532	ND - .532	40	40	Leaching of soil fumigant used on rice and alfalfa
Chlordane (ppb) (2016)	N	ND	N/A	0	2	Residue of banned termiticide
Dalapon (ppb) (2016)	N	ND	N/A	200	200	Runoff from herbicides used on rights of way
Dinoseb (ppb) (2016)	N	ND	N/A	7	7	Runoff from herbicides used on soybeans
Diquat (ppb) (2016)	N	ND	N/A	20	20	Runoff from herbicide use
Endothal (ppb) (2016)	N	ND	N/A	100	100	Runoff from herbicide use
Endrin (ppb) (2016)	N	ND	N/A	2	2	Residue from banned insecticide
Glyphosphate (ppb) (2016)	N	ND	N/A	700	700	Runoff from herbicide use
Heptachlor (ppb) (2016)	N	ND	N/A	0	400	Residue of banned termiticide
Heptachlor Epoxide (ppb) (2016)	N	ND	N/A	0	200	Breakdown of heptachlor

CONTAMINANT	VIOLATION YES/NO	LEVEL DETECTED	RANGE	MCL GOAL	MCL	LIKELY SOURCE OF CONTAMINATION
Hexachlorobenzene (ppb) (2016)	N	ND	N/A	0	1	Discharge from metal refineries
Hexachlorocyclopentadiene (ppb) (2016)	N	ND	N/A	50	50	Discharge from chemical factories
Lindane (ppb) (2016)	N	ND	N/A	200	200	Runoff/leaching from insecticide used on cattle, lumber, gardens
Methoxychlor (ppb) (2016)	N	ND	N/A	40	40	Runoff/leaching from insecticide used on fruits, vegetables, alfalfa, livestock
Oxamyl[Vydate] (ppb) (2016)	N	ND	N/A	200	200	Runoff/leaching from insecticide used on apples, potatoes and tomatoes
PCBs[Polychlorinated biphenyls] (ppb) (2016)	N	ND	N/A	0	500	Runoff from landfills; discharge of waste chemicals
Pentachlorophenol (ppb) (2016)	N	ND	N/A	0	1	Discharge from wood preserving factories
Picloram (ppb) (2016)	N	ND	N/A	500	500	Herbicide runoff
Simazine (ppb) (2016)	N	0.06	ND - 0.06	4	4	Herbicide runoff
Toxaphene (ppb) (2016)	N	ND	N/A	0	3	Runoff/leaching from insecticide used on cotton and cattle

Volatile Organic Contaminants

1,1-Dichloroethylene (ppb) (2017)	N	ND	N/A	7	7	Discharge from industrial chemical factories
1,1,1-Trichloroethane (ppb) (2017)	N	ND	N/A	200	200	Discharge from metal degreasing sites and other factories
1,1,2-Trichloroethane (ppb) (2017)	N	ND	N/A	3	5	Discharge from industrial chemical factories
1,2-Dichloroethane (ppb) (2017)	N	ND	N/A	0	5	Discharge from industrial chemical factories
1,2-Dichloropropane (ppb) (2017)	N	ND	N/A	0	5	Discharge from industrial chemical factories
1,2,4-Trichlorobenzene (ppb) (2017)	N	ND	N/A	70	70	Discharge from textile finishing factories
1,4-Dichlorobenzene (2017)	N	ND	N/A	75	75	Discharge from industrial chemical factories
Benzene (ppb) (2017)	N	ND	N/A	0	5	Discharge from factories; leaching from gas storage tanks and landfills
Carbon Tetrachloride (ppb) (2017)	N	ND	N/A	0	5	Discharge from chemical plants and other industrial activities
Chlorobenzene (ppb) (2017)	N	ND	N/A	100	100	Discharge from chemical and agricultural chemical factories
cis-1,2-Dichloroethylene (ppb) (2017)	N	ND	N/A	70	70	Discharge from industrial chemical factories
Dibromochloropropane (nanograms/l) (2016)	N	ND	N/A	0	200	Runoff/leaching from soil fumigant
Ethylbenzene (ppb) (2017)	N	ND	N/A	700	700	Discharge from petroleum refineries
Styrene (ppb) (2017)	N	ND	N/A	100	100	Discharge from rubber and plastics factories; leaching from landfills
Tetrachloroethylene (ppb) (2017)	N	ND	N/A	0	5	Leaching from PVC pipes; discharge from factories and dry cleaners
Toluene (ppm) (2017)	N	ND	N/A	1	1	Discharge from petroleum refineries
TOC (ppm) (2018)	N	1.3	RAA 1.1 ND 1.3	RAA < 2.0	TT	Naturally present in the environment
TTHM (Total Trihalomethanes) (ppb) (2018)	N	7.3	1.2 - 7.3	N/A	80	By-product of drinking water chlorination
Vinyl Chloride (ppb) (2017)	N	ND	N/A	0	2	Leaching from PVC piping; discharge from plastics factories
Xylenes (ppm) (2014)	N	ND	N/A	10	10	Discharge from petroleum refineries and chemical factories
Chlorine (ppm) (2018)	N	2.1	1.0 - 2.1	MRDLG=4	MRDL=4	Water additive used to control microbes
HAA5 (Halo acetic acids) (ppb) (2018)	N	6.46	ND - 6.460	N/A	60	By-product of drinking water chlorination

Non-Compliance Microbiological (LT2ESWTR)

Cryptosporidium (Oocysts/L) (2017)	N	0	N/A	0	TT	Wildlife and/or human waste
E.Coli (#/100ml) (2017)	N	0	N/A	0	TT	Wildlife and/or human waste
Giardia (Cysts/L) (2017)	N	0	N/A	0	TT	Wildlife and/or human waste
Turbidity (Raw) (NTU) (2018)	N	7.52	.01 - 7.52	N/A	N/A	Soil runoff

CONTAMINANT	VIOLATION YES/NO	LEVEL DETECTED	RANGE	MCL GOAL	MCL	LIKELY SOURCE OF CONTAMINATION
Secondary Drinking Water Standards						
Aluminum (mg/L) (2016)	N	ND	N/A	0	0.2	By-product of drinking water
Calcium (mg/L) (2016)	N	34.7	6.12 - 34.7	0	MON	Natural mineral
Sodium (mg/L) (2016)	N	6.55	3.38 - 6.55	0	MON	Natural mineral
Carbon Dioxide (mg/L) (2018)	N	88	28 - 88	0	MON	Naturally occurring in the environment
pH (2018) (su)	N	7.7	6.62 - 7.7	0	MON	Naturally occurring in the environment
TDS (mg/L) (2016)	N	133	24 - 133	0	500	Natural mineral
Total Hardness (mg/L) (2016)	N	105	21.1 - 105	0	MON	Natural mineral
Total Alkalinity (mg/L) (2018)	N	142	80 - 142	0	MON	Naturally occuring in the environment
Chloride (mg/L) (2016)	N	7.48	5.54 - 7.48	0	250	Natural mineral
Magnesium (mg/L) (2016)	N	4.91	1.68 - 4.91	0	MON	Natural mineral
Color (Units) (2018)	N	ND	NA	0	15	Naturally occurring in the environment
Sulfate (mg/L) (2016)	N	2.24	0.319 - 2.24	0	500	Natural mineral
Iron (mg/L) (2018)	N	0.05	ND - 0.05	0	0.3	Natural mineral
Manganese (mg/L) (2018)	N	0.04	ND - .04	0	0.05	By-product of drinking water
Specific Conductance (ppb) (2016) (umhos@25C)	N	239.6	80.7 - 239.6	0	MON	Naturally occurring in the environment
Silver (mg/L) (2016)	N	0.0007	ND - .0007	0	0.1	By-product of drinking water
Zinc (ppm) (2016)	N	0.0472	.003 - .00472	0	5	Naturally occurring in the environment
Table of Detected Contaminants						
Total Coliform Bacteria (2018)	N	<1% monthly samples	N/A	0	<5% monthly samples	Naturally present in the environment
Turbidity (NTU) (2018)	N	0.1	0.01 - 0.1	0.1	0.3	Reporting by plant on filtered water
Alpha emitters (pCi/L) (2014)	N	2.04	N/A	0	15	Erosion of natural deposits
Radium 288 (pCi/L) (2014)	N	.337	N/A	0	5	Erosion of natural deposits
Barium (ppm) (2016)		0.0186	.0165 - .0186	2	2	Discharge of drilling waste; discharge from metal refineries; erosion of natural deposits
Chromium (ppb) (2016)	N	1.005	ND - 1.005	100	100	Discharge from steel and pulp mills; erosion of natural deposits
Copper (ppm) (2016)	N	0.773	.0124 - .881	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Fluoride (ppm) (2018)	N	1.1	ND - 1.1	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminium factories
Lead (ppb) (2016)	N	1.9	ND - 7.7	0	AL=15	Corrosion of household plumbing systems; erosion of natural deposits
Nitrate (as Nitrogen) (ppm) (2018)	N	3.05	2.81 - 3.05	10	10	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Total Nitrate and Nitrite (ppm) (2018)	N	3.05	2.81 - 3.05	10	10	Runoff from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits
Nickel (ppm) (2016)	N	0.0056	.0008 - .0056	0.1	0.1	Erosion of natural deposits; discharge from mines
Selenium (ppb) (2016)	N	0.691	ND - .0691	50	50	Erosion of natural deposits; discharge from mines
Carbofuran (ppb) (2016)	N	0.532	ND - .532	40	40	Leaching of soil fumigant used on rice and alfalfa
Simazine (ppb) (2016)	N	0.06	ND - .06	4	4	Herbicide runoff
TTHM (Total Trihalomethanes) (ppb) (2018)	N	7.3	RAA 3.200 1.2 - 7.3	N/A	80	By-product of drinking water chlorination
Chlorine (ppm) (2018)	N	2.1	1.1 - 2.1	MRDLG=4	MRDL=4	Water additive used to control microbes
HAA5 (Halo acetic acids) (ppb) (2018)	N	6.46	RAA 1.700 ND - 6.460	N/A	60	By-product of drinking water chlorination
Calcium (mg/L) (2016)	N	34.7	6.12 - 34.7	0	MON	Naturally occurring in the environment
Sodium (mg/L) (2016)	N	6.55	3.38 - 6.55	0	MON	Naturally occurring in the environment
Carbon Dioxide (mg/L) (2018)	N	88	28 - 88	0	MON	Naturally occurring in the environment
pH (su) (2018)	N	7.7	6.62 - 7.7	0	MON	Naturally occurring in the environment
TDS (mg/L) (2016)	N	133	24 - 133	0	500	Natural mineral
Total Hardness (mg/L) (2016)	N	105	21.1 - 105	0	MON	Natural mineral
Total Alkalinity (mg/L) (2018)	N	142	80 - 142	0	MON	Natural mineral
Chloride (mg/L) (2016)	N	7.48	5.54 - 7.48	0	250	Natural mineral
TOC (ppm) (2018)	N	1.3	RAA 1.1 ND - 1.3	RAA < 2.0	TT	Naturally present in the environment
Magnesium (mg/L) (2016)	N	4.91	1.68 - 4.91	0	MON	Natural mineral
Sulfate (mg/L) (2016)	N	2.24	0.319 - 2.24	0	500	Naturally occurring in the environment
Iron (mg/L) (2018)	N	0.05	ND - 0.05	0	0.3	Natural mineral
Manganese (mg/L) (2018)	N	0.04	ND - .04	0	0.05	By-product of drinking water
Specific Conductance (2016) (umhos@25C)	N	239.6	80.7 - 239.6	0	MON	Naturally occurring in the environment
Silver (mg/L) (2016)	N	0.0007	ND - .0007	0	0.1	By-product of drinking water
Zinc (ppm) (2016)	N	0.0472	0.003 - 0.0472	0	5	Naturally occurring in the environment

Unregulated Contaminants

CONTAMINANT	MCLG	MCL	LEVEL DETECTED	YEAR
cis-1,2-Dichloroethene (ppb)	0	MON	ND	2014
Methyl t-butyl ether (ppb)	0	MON	ND	2014
Tetrachloroethane (ppb)	0	MON	ND	2014
Chromium (total) (ppb)	0	MON	0.7	2015
Strontium (ppb)	0	MON	48	2015
Vanadium (ppb)	0	MON	0.2	2015
Chlorate (ppb)	0	MON	190	2015
Chromium 6 (ppb)	0	MON	0.65	2015
Acifluorfen (ppb)	0	MON	ND	2016
Dicamba (ppb)	0	MON	ND	2016
Aldrin (ppb)	0	MON	ND	2016
Butachlor (ppb)	0	MON	ND	2016
Dieldrin (ppb)	0	MON	ND	2016
Propachlor (ppb)	0	MON	ND	2016
3-hydroxycarbofuran (ppb)	0	MON	ND	2016
Aldicarb (ppb)	0	MON	ND	2016
Aldicarb sulfone (ppb)	0	MON	ND	2016
Aldicarb sulfoxide (ppb)	0	MON	ND	2016
Carbaryl (ppb)	0	MON	ND	2016
Methomyl (ppb)	0	MON	ND	2016
Methylene blue active substances	0	MON	ND	2016
Metolachlor (ppb)	0	MON	ND	2016
1,1,1,2-Tetrachloroethane (ppb)	0	MON	ND	2017
1,1,2,2,-Tetrachloroethane (ppb)	0	MON	ND	2017
1,1-Dichloroethane (ppb)	0	MON	ND	2017
1,1-Dichloropropane (ppb)	0	MON	ND	2017
1,2,3-Trichlorobenzene (ppb)	0	MON	ND	2017
1,2,3-Trichloropropane (ppb)	0	MON	ND	2017
1,2,4-Trichlorobenzene (ppb)	0	MON	ND	2017
1,2,4-Trimethylbenzene (ppb)	0	MON	ND	2017
1,3,5-Trimethylbenzene (ppb)	0	MON	ND	2017
1,3-Dichloropropane (ppb)	0	MON	ND	2017
2,2-Dichloropropane (ppb)	0	MON	ND	2017
Bromobenzene (ppb)	0	MON	ND	2017
Bromochloromethane (ppb)	0	MON	ND	2017
Bromomethane (ppb)	0	MON	ND	2017
Chloroethane (ppb)	0	MON	ND	2017
Chloromethane (ppb)	0	MON	ND	2017
Dibromomethane (ppb)	0	MON	ND	2017
Dichlorodifluoromethane (ppb)	0	MON	ND	2017
Hexachlorobutadiene (ppb)	0	MON	ND	2017
Isopropylbenzene (ppb)	0	MON	ND	2017
Methylene chloride (ppb)	0	MON	ND	2017
Naphthalene (ppb)	0	MON	ND	2017
n-Butylbenzene (ppb)	0	MON	ND	2017
n-Propylbenzene (ppb)	0	MON	ND	2017
sec-Butylbenzene (ppb)	0	MON	ND	2017
tert-Butylbenzene (ppb)	0	MON	ND	2017
trans-1,2-Dichloroethene (ppb)	0	MON	ND	2017
trans-1,3-Dichloropropene (ppb)	0	MON	ND	2017
Trichloroethene (ppb)	0	MON	ND	2017
Trichlorofluoromethane (ppb)	0	MON	ND	2017
1,1-Dichloroethene (ppb)	0	MON	ND	2017
1,2-Dichlorobenzene (ppb)	0	MON	ND	2017
1,3-Dichlorobenzene (ppb)	0	MON	ND	2017
2-Chlorotoluene (ppb)	0	MON	ND	2017
4-Chlorotoluene (ppb)	0	MON	ND	2017
4-Isopropyltoluene (ppb)	0	MON	ND	2017
cis-1,3-Dichloropropene (ppb)	0	MON	ND	2017
chlorodibromomethane (ppb)	0	MON	ND	2017
ortho-Xylene (ppb)	0	MON	ND	2017

Unregulated Contaminants (CONTINUED)

CONTAMINANT	MCLG	MCL	LEVEL DETECTED	YEAR
p.m-Xylene (ppb)	0	MON	ND	2017
Bromodichloroacetic acid (ppm)	0	MON	0.831	2018
Chlorodibromoacetic acid (ppb)	0	MON	0.437	2018
Tribromoacetic acid (ppb)	0	MON	ND	2018
Bromide (ppb)	0	MON	23.3	2018
Bromodichloromethane (ppm)	0	MON	0.0018	2018
Bromoform (ppm)	0	MON	ND	2018
Chloroform (ppm)	0	MON	0.0081	2018
Dibromochloromethane (ppm)	0	MON	0.0006	2018
Trichloroacetic acid (ppb)	0	MON	1.47	2018
Bromochloroacetic acid (ppb)	0	MON	1.35	2018
Dibromoacetic acid (ppb)	0	MON	0.71	2018
Dichloroacetic acid (ppb)	0	MON	4.28	2018
Monobromoacetic acid (ppb)	0	MON	0.785	2018
Monochloroacetic acid (ppb)	0	MON	ND	2018

Unregulated Contaminant Monitoring 4 (UCMR4) 2018

Germanium (ppb)	0	MON	ND	2018
Manganese (ppb)	0	MON	8.75	2018
Alpha-hexachlorocyclohexane (ppb)	0	MON	ND	2018
Chlorpyrifos (ppb)	0	MON	ND	2018
Dimethipin (ppb)	0	MON	ND	2018
Ethoprop (ppb)	0	MON	ND	2018
Oxyfluorfen (ppb)	0	MON	ND	2018
Profenofos (ppb)	0	MON	ND	2018
Tebuconazole (ppb)	0	MON	ND	2018
Permethrin, cis- & trans- (ppb)	0	MON	ND	2018
Tribufos (ppb)	0	MON	ND	2018
Butylated hydroxyanisole (ppb)	0	MON	ND	2018
o-toluidine (ppb)	0	MON	ND	2018
Quinoline (ppb)	0	MON	0.0467	2018
1-Butanol (ppb)	0	MON	ND	2018
2-Methoxyethanol (ppb)	0	MON	ND	2018
2-Propen-1-ol (ppb)	0	MON	ND	2018

Detected Unregulated Contaminants

CONTAMINANT	MCLG	MCL	LEVEL DETECTED	YEAR
Chromium (total) (ppb)	0	MON	0.7	2015
Strontium (ppb)	0	MON	48	2015
Vanadium (ppb)	0	MON	0.2	2015
Chlorate (ppb)	0	MON	190	2015
Chromium 6 (ppb)	0	MON	0.65	2015
Chlorodibromomethane (ppb)	0	MON	0.478	2017
Bromodichloromethane (ppb)	0	MON	0.0018	2018
Chloroform (ppm)	0	MON	0.0081	2018
Dibromochloromethane (ppm)	0	MON	0.0006	2018
Trichloroacetic acid (ppb)	0	MON	1.47	2018
Bromochloroacetic acid (ppb)	0	MON	1.35	2018
Dibromoacetic acid (ppb)	0	MON	0.71	2018
Dichloroacetic acid (ppb)	0	MON	4.28	2018
Monobromoacetic acid (ppb)	0	MON	0.785	2018
Bromide (ppb)	0	MON	23.3	2018
Bromodichloroacetic acid (ppb)	0	MON	0.831	2018
Chlorodibromoacetic acid	0	MON	0.437	2018
Manganese (ppb)	0	MON	8.75	2018
Quinoline (ppb)	0	MON	0.0467	2018
Manganese (ppb)	0	MON	8.75	2018
Quinoline (ppb)	0	MON	0.0467	2018

Harvest-Monrovia Water, Sewer and Fire Protection Authority, Inc.
P.O. Box 329 • Harvest, Alabama 35749

The EPA has determined that your water is SAFE.

As you can see from this table our system had no violations. Your drinking water meets or exceeds all EPA and ADEM requirements. We have learned through our testing that some constituents have been detected. The EPA has determined that your water is **SAFE** at these levels.

All drinking water, including bottled water, may be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Drinking Water Hotline 1-800-426-4791.

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 regulates established limits for contaminants in bottled water.

You will be able to determine from this report that water produced by the Authority meets all Federal (EPA) and state (ADEM) drinking water standards. The Authority had **NO VIOLATIONS** this past year. If you have any questions about this report or concerns about the Authority, please contact Mike Oliver at 256-837-1132. If you want to attend, the monthly Board Meetings are held each second Tuesday of the month at 1:30 at our office at 9131 Wall-Triana Hwy, Harvest, AL. The current Board Members are Roy McCrary, Chairman; Frank Turner, Vice Chairman; and Tracy Brewer, Secretary.