

City of Attica Water Utility CCR Detections 2017

Definitions:

HLD=Highest Level Detected	ppm=Parts per million	MCL= Maximum Contaminant Level Allowed
ppb=Parts per billion	MCLG=Maximum Contaminant Level Goal	ug/L=Micrograms per Liter
MRDL=Maximum Residual Disinfectant Level	MRDLG=Maximum Residual Disinfectant Level Goal	

Regulated Contaminants

Disinfectant and Disinfection By-Products	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Chlorine	2017	1	1-1	MRDLG=4	MRDL=4	ppm	NO	Water additive used to control microbes
Haloacetic Acids (HAA5)	2017	1	1.1-1.3	No goal for the total	60	ppb	NO	By-product of drinking water disinfection
Total Trihalomethanes (TTHM)	2017	6	1.4-10	No goal for the total	80	ppb	NO	By-product of drinking water disinfection

Inorganic Compounds	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Fluoride	2017	0.124	0.124-0.124	4	4	ppm	NO	Erosion of natural deposits; water additive promotes strong teeth; discharge from fertilizer
Nitrate(measured as Nitrogen)	2017	4	3.52-3.52	10	10	ppm	NO	Runoff from fertilizer; Leaching from septic tanks; sewage; erosion of natural deposits

Note: IOC's are tested annually. 13 additional organics were tested and not detected.

Volatile Organic Compounds	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
No detections							NO	Discharge from metal degreasing sites & other factories

Note: VOC's are tested quarterly, every year. 21 organics were tested, and none were detected.

Synthetic organic compounds	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
No detections							NO	Farming runoff

Note: SOC's are tested for, every three years. None were detected.

In accordance with the Safe Drinking Water Act, Attica collected samples for the UCMR (Unregulated Contaminant Monitoring Rule).

The samples were tested by a State approved laboratory and data was sent to the EPA. The data being collected will be used to set

standards and regulations for the future. This report requires us to report any contaminant that has been detected (however small) during testing.

Unregulated Contaminants

Analyte Name	Collection Dates	MCL (ug/L)
Bromobenzene	01/09,04/03,07/18,09/11/18	<0.5
Bromomethane	01/09,04/03,07/18,09/11/18	<0.5
Chloroethane	01/09,04/03,07/18,09/11/18	<0.5
Chloromethane	01/09,04/03,07/18,09/11/18	<0.5
2-Chlorotoluene	01/09,04/03,07/18,09/11/18	<0.5
4-Chlorotoluene	01/09,04/03,07/18,09/11/18	<0.5
1,3-Dichlorobenzene	01/09,04/03,07/18,09/11/18	<0.5
1,1-Dichloroethane	01/09,04/03,07/18,09/11/18	<0.5
1,3-Dichloropropane	01/09,04/03,07/18,09/11/18	<0.5
2,2-Dichloropropane	01/09,04/03,07/18,09/11/18	<0.5
1,1-Dichloropropene	01/09,04/03,07/18,09/11/18	<0.5
1,3-Dichloropropane (cis & trans.)	01/09,04/03,07/18,09/11/18	<0.5
1,1,1,2-Tetrachloroethane	01/09,04/03,07/18,09/11/18	<0.5
1,1,1,2-Tetrachloroethane	01/09,04/03,07/18,09/11/18	<0.5
1,2,3-Trichloropropane	01/09,04/03,07/18,09/11/18	<0.5
Dibromomethane	01/09,04/03,07/18,09/11/18	<0.5
Bromodichloromethane	01/09,04/03,07/18,09/11/18	<0.5
Bromoform	01/09,04/03,07/18,09/11/18	<0.5
Chlorodibromomethane	01/09,04/03,07/18,09/11/18	<0.5
Chloroform	01/09,04/03,07/18,09/11/18	<0.5
Methy-Tert-Butyl Ether(MTBE)	01/09,04/03,07/18,09/11/18	<0.5

Copper & Lead	Date Sampled	MCLG	Action Level(AL)	90 th percentile	# sites over AL	Units	Violation	Likely source of contamination
Copper	2017	1.3	1.3	.071	0	ppm	NO	Erosion of natural deposits; Leaching from wood preservatives; corrosion of household plumbing systems
Lead	2017					ppb	NO	Erosion of natural deposits; plumbing

Radioactive Contaminants	Date Sampled	MCLG	Action Level(AL)	MCLG	MCL	Units	Violation	Likely source of contamination
Gross alpha excluding radon and uranium	2017	2.8	2.8-2.8	0	15	pCi/L	NO	Erosion of natural deposits