

2007 Quad Cities Water Quality

The information in this chart was culled from the most recent water-quality reports of Iowa American Water (which provides water to Davenport and Bettendorf), the City of East Moline, the City of Moline, and the City of Rock Island. The full reports are available on the *Reader* Web site (RCReader.com). In addition to the amount detected – which is listed here for each contaminant – the reports include the range of levels detected for each.

	Substance	Goal (MCLG or MRDLG if established) or maximum allowed level (MCL, MRDL, or SMCL)	Iowa Quad Cities	East Moline	Moline	Rock Island
Federally regulated contaminants	Atrazine	3ppb MCLG	0.2			
	Barium	2ppm MCLG	0.05	0.04	0.01	0.02
	Chloramines	4ppm MRDLG	2.83	2.6	3.8	3.7
	Fluoride	4ppm MCLG	1	0.99	1.1	0.9
	Haloacetic Acids	60ppb MCL	29	20	20.3	50
	Nitrate (as Nitrogen)	10ppm MCLG	3.37	2.8	1.2	3
	Nitrate-Nitrite	10ppm MCLG				2.9
	Nitrite (as Nitrogen)	1ppm MCLG	0.01			
	Trihalomethanes	80ppb MCL	56	20	12.79	61.8
	Copper	1.3ppm MCLG	0.101 at the 90th percentile; no sites above action level	0.09 at the 90th percentile; no sites above action level	0.15 at 90th percentile; no sites above action level	0.34 at 90th percentile; no sites above action level
	Lead	15ppb MCLG	3 at 90th percentile; no sites above action level	10 at 90th percentile; 1 site above action level	3 at 90th percentile; 2 sites above action level	9 at the 90th percentile; no sites above action level
	Turbidity (lowest monthly percentage less than 0.3 NTU)	95%	100%	100%	100%	99.73%
	Turbidity (NTU)	1.00	0.14	0.18	0.15	0.66

Not regulated by the federal government	Manganese	150ppb MCL		10		3
	Nickel	100ppb MCL		11		
	Sodium	NA	16	17	23	30
Secondary contaminants	Sulfate	250ppm SMCL	34	57	Approximately 35-40 (uncertified test)	56
Glossary						
MCLG: Maximum Containment Level Goal, “the level of a contaminant in drinking water below which there is no known or expected risk to health.”						
MRDLG: Maximum Residual Disinfectant Level Goal, “the level of a drinking water disinfectant below which there is no known or expected risk to health.”						
MCL: Maximum Contaminant Level, “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.”						
NTU: Nephelometric Turbidity Units, “a measure of the clarity of the water”; “turbidity in excess of 5 NTU is just noticeable to the average person.”						
SMCL: Secondary Maximum Containment Level, “non-mandatory water-quality standards ... established only as guidelines ... for aesthetic considerations, such as taste, color, and odor.”						
ppm: parts per million						
ppb: parts per billion						