

Water Quality Results 2003						
Contaminant	MCL	MCLG	Range of Detections in samples taken	Highest Level Detected	Major Sources in Drinking Water	Health Effects if above the MCL (denotes a Violation)
Radionuclides Gross Alpha	15	0	2.7 (+ - 2.4) pCi/L	1.8 (+- 2.0) pCi/L	erosion of natural deposits	(no violation)
Radium-226	5pCi/L	0	0.3(+ -0.2) pCi/L	.3(+ -0.2) pCi/L	erosion of natural deposits	(no violation)
Radium-228	5pCi/L	0	0.0(+ -0.6)pCi/L	0.0(+ -0.6) pCi/L	erosion of natural deposits	(no violation)
Inorganic compounds						(no violation)
Copper (ppm)	AL 1.3	1.3	.13-1.93ppm 90th percentile result for the year 2003 1.59 ppm	8 out of 41 samples were above the AL. highest 1.93ppm	corrosion of plumbing systems, erosion of natural deposits.	Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's Disease should consult their personal doctor. (Violation)
Lead (ppb)	AL 15	0	2-56 ppb 90th percentile result for the year 2003 21ppb	9 samples out of 41 were above the AL. highest 56ppb	corrosion of plumbing systems, erosion of natural deposits.	Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure. (Violation)
flouride (ppm)	4	4	<.10ppm	<.10ppm	erosion of natural deposits	(no violation)
cyanide (ppb)	200	200	<10ppb	<10ppb	discharge from metal, plastic, & fertilizer factories.	(no violation)
Nitrate (pp)	10	10	.43ppm-1.2ppm	1.2ppm	runoff from fertilizer, septic sytems, & natural deposits	(no violation)
Nitrite (ppm)	1	1	<0.05 ppm	<0.05 ppm	runoff from fertilizer, septic sytems, & natural deposits	(no violation)
VOC 's Total Trihalomethanes (ppb)	80	n/a	range of detected levels 0-179ppb	highest annual average 89.29ppb	by product of drinking water chlorination	Some people who drink water containing trihalomethanes in excess of the MCL over many years experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer. (violation)