

Mostyn Manor

Regulated Contaminants

Inorganic Contaminants	Collection Date	Highest Level Detected	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
<p>Arsenic - While your drinking water meets EPA standards for arsenic, it does contain low levels of arsenic. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. EPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin</p>	05/28/2009	6.5	6.5 - 6.5	0	10	ppb	N	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes.

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Barium	05/28/2009	0.126	0.126 - 0.126	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
Fluoride	2010	0.21	0.21 - 0.21	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate [measured as Nitrogen]	2010	0.02	0.02-0.02	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Radioactive Contaminants	Collection Date	Highest Single Sample	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
Beta/photon emitters	05/28/2009	5.7	5.7 - 5.7	0	4	mrem/yr	N	Decay of natural and man-made deposits.
Combined Radium 226/228	05/28/2009	0.65	0.65 - 0.65	0	5	pCi/L	N	Erosion of natural deposits.
Gross alpha excluding radon and uranium	05/28/2009	4.5	4.5 - 4.5	0	15	pCi/L	N	Erosion of natural deposits.