

## Red Oak

### Regulated Contaminants

<b>Inorganic Contaminants</b>	Collection Date	Highest Single Sample	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
<b>Arsenic</b>	2010	2	2 - 2	0	10	ppb	N	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes.
<b>Barium</b>	2010	0.192	0.192 - 0.192	2	2	ppm	N	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
<b>Fluoride</b>	2010	0.23	0.23 - 0.23	4	4.0	ppm	N	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories.
<b>Nitrate [measured as Nitrogen]</b>	2010	0.02	0.02 - 0.02	10	10	ppm	N	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.

<b>Radioactive Contaminants</b>	Collection Date	Highest Single Sample	Range of Levels Detected	MCLG	MCL	Units	Violation	Likely Source of Contamination
<b>Beta/photon emitters</b>	2010	4.7	4.7 - 4.7	0	4	mrem/yr	N	Decay of natural and man-made deposits.
<b>Combined Radium 226/228</b>	2010	1.6	1.6 - 1.6	0	5	pCi/L	N	N Erosion of natural deposits.
<b>Gross alpha excluding radon and uranium</b>	2010	4.3	4.3 - 4.3	0	15	pCi/L	N	Erosion of natural deposits.