

Dighton Water District
192 Williams Street
No. Dighton, Ma. 02764

Contaminant	MCL	MCLG	Range of Detections in samples taken	Water Quality Results 2014		Health Effects if above the MCL (denotes a Violation)
				Highest Level Detected	Major Sources in Drinking Water	
<u>Radionuclides</u> <u>Gross Alpha</u>	15	0	Result .69(+/-1.16)pCi/l	.69 (+/-1.16) pCi/l	erosion of natural deposits	(no violation)
<u>Radium 226</u>	5pci/l	0	Result .09(+/-0.23) pci/l	.09(+/-0.23) pci/l	erosion of natural deposits	(no violation)
<u>Radium 228</u>	5pci/l	0	Result 0.56(+/- .42)pci/l	0.56(+/- .42) pci/l	erosion of natural deposits	(no violation)
<u>Inorganic compounds</u> <u>cyanide</u>	200	200	<10ppm	<10ppm	discharge from metal,plastic,& fertilizer factories.	(no violation)
<u>Nitrate (ppm)</u>	10	10	0.86 ppm	0.86 ppm	runoff from fertilizer,septic sytems, &natural deposits	(no violation)
<u>Nitrite (ppm)</u>	0	0	<0.05ppm-<0.05ppm	<0.05ppm	runoff from fertilizer,septic sytems, &natural deposits	(no violation)
<u>flouride (ppm)</u>	4	4	<.10ppm	<.10ppm	erosion fo natural deposits	(no violation)
<u>VOC 's Total</u> <u>Trihalomethanes (ppb)</u>	80	n/a	0 -45ppb yearly running average 31.1-32.4	45ppb	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 system, and may have an increased risk of getting cancer. (no violation)
<u>Haloacetic Acids (ppb)</u>	60	n/a	0-21ppb yearly running average 13.0-14.6	21 ppb	by product of drinking water chlorination	Some people who drink water containing haloacetic acids in excess of the MC over many years may have an increased risk of getting cancer (no violation)
UNREGULATED CONTAMINANTS						
<u>Copper (ppm)</u>	AL 1.3	1.3	.07-.58ppm 90th percentile result for the year 2013 .43 ppm	0 of 23 samples were above the AL.	corrosion of plumbing systems, erosion of natural deposits.	(no violation)
<u>Lead (ppb)</u>	AL 15	0	0-4ppb 90th percentile result for the year 2013 3 ppb	0 of 23 samples were above the AL	corrosion of plumbing systems, erosion of natural deposits.	(no violation)
<u>Perchlorate (ppb)</u>	2		.12ppb	.12ppb	used as a component of propellants in rockets, missiles, & fireworks.	