

## TABLE OF DETECTED CONTAMINANTS 2015 - Village of Windsor

Contaminant	Violation Yes/No	Sample Location	Date of Sample	Level Detected (range)	Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Inorganic Contaminants</b>								
Arsenic	No	Well #1 Well #2	9/30/2014	1.2 1.1	ug/l	N/A	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes.
Barium	No	Well #1 Well #2	9/30/2014	0.0232 0.0199	mg/l	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits.
Lead <sup>1</sup>	No	Distribution	9/30/2014	1.9 (ND-22.6)	ug/l	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits.
Copper <sup>1</sup>	No	Distribution	9/30/2014	0.459 (0.102-0.782)	mg/l	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.
Nitrate (as Nitrogen)	No	Well #1 Well #2	12/31/2015	2.19 2.41	mg/l	10	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits.
Sodium <sup>2</sup>	No	Well #1 Well #2	12/31/2015	94 79	mg/l	N/A	See Health Effects	Naturally occurring; Road salt; Water softeners; Animal waste.
<b>Disinfection Byproducts</b>								
Total Trihalomethanes <sup>3</sup>	No	Distribution	9/30/2015	0.66	ug/l	N/A	80	Byproduct of drinking water chlorination.
Haloacetic Acids <sup>4</sup>	No	Distribution	9/30/2015	0.69	ug/l	N/A	60	Byproduct of drinking water chlorination.

### Notes:

1	The level presented represents the 90th percentile of the sites tested. A percentile is a value on a scale of 100 that indicates the percent of a distribution that is equal to or below it. The 90th percentile is equal to or greater than 90% of the lead/copper values detected at your water systems. The action level for copper was exceeded by 10 % of the samples for the first time this year. We will continue to monitor the levels and take corrective measures as needed.
2	Water containing more than 20 mg/l of sodium should not be used for drinking by people on severely restricted sodium diets. Water containing more than 270 mg/l of sodium should not be used for drinking by people on moderately restricted sodium diets.
3	This level represents the total levels of the following contaminants: chloroform, bromodichloromethane, dibromochloromethane, bromoform.
4	This level represents the total levels of the following contaminants: monochloroacetic acid, dichloroacetic acid, trichloroacetic acid, monobromoacetic acid and dibromoacetic acid.

### Definitions:

**Maximum Contaminant Level (MCL):** The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible.

**Maximum Contaminant Level Goal (MCLG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

**Action Level (AL):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

**Non-Detects (ND):** Laboratory analysis indicates that the constituent is not present.

**Milligrams per liter (mg/l):** Corresponds to one part of liquid in one million parts of liquid (parts per million - ppm).

**Micrograms per liter (ug/l):** Corresponds to one part of liquid in one billion parts of liquid (parts per billion - ppb).