





Guidelines for Canadian Drinking Water Quality

	Effect	Origin	Treatment	Canadian Guidelines
Coliform Bacteria 	High Levels May Cause: <ul style="list-style-type: none"> • Stomach problems • Pollution Indicator from organic sources 	<ul style="list-style-type: none"> • decaying organic matter (plant material, leaves etc) • Fecal matter • Sewage 	<ul style="list-style-type: none"> • Chlorination • Ozonization • Distillation • UV light • Sterile Filtration 	<10 / 100ml
Nitrates 	High Levels May Cause: <ul style="list-style-type: none"> • Methemoglobinemia (Blue Baby Syndrome) in infants 	<ul style="list-style-type: none"> • Decaying organic matter • Fertilizer run-off • Occasionally present in rocks or mineral formations 	<ul style="list-style-type: none"> • Reverse osmosis • Distillation 	Maximum acceptable is 10mg / L
Fluoride 	High Levels May Cause: <ul style="list-style-type: none"> • Poor Taste • Black spots on teeth 	<ul style="list-style-type: none"> • Naturally present in water • Increased by human use / waste 	<ul style="list-style-type: none"> • Reverse osmosis • Distillation 	Maximum acceptable is 1.5mg / L
pH 	High Levels May Cause: <ul style="list-style-type: none"> • Poor Taste • Stomach and intestinal irritation 	<ul style="list-style-type: none"> • Indicating acidic or basic water • Measure of hydrogen ions 	<ul style="list-style-type: none"> • pH adjustment by chemical addition 	6.5 – 8.5

BLM 1.2.e



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