

Distribution System Analysis
Period April - June, 2003

Distribution System Numbers 260003097, 260006607

Town	Test	Microbiological			
		# of Samples	# of Detectable Results	Range	Exceedence
	Treated samples Only				
Vaughan	Distribution System				
P/A Test (MBDW)	Presence/Absence	412	1	CF	1
	* all were coliforms **NOTE: Location of adverseresults re-sampled, additional 3 samples taken. Upstream, downstream and at original site. Resamples confirmed distribution system water clear.				
Membrane Filtration	Background	77	1	<1	1
"	Heterotrophic Plate Count	128	21	<1-76	0
"	Total Coliforms	13	1	<1	1
"	E. coli	13	1	<1	1

MICROBIOLOGICAL CHARACTERISTICS

Total Coliforms

Coliform indicator organisms are generally harmless bacteria that live naturally in the intestines of humans. They are also found in plants, soil, air, water and warm-blooded animals. Their presence indicates the possibility of germ contamination.

E. Coli and/or Fecal Coliform

Escherichia Coli (E. Coli) or other fecal coliform is a bacteria present in fecal matter and prevalent in sewage. These bacterial forms called intestinal pathogens have caused several food borne and water borne outbreaks of disease, and must not be present in the water supply.

HPC

Heterotrophic Plate count is a microbiological test used to determine the quality of water in terms of its general bacterial content. This test is used as a supplement to the routine analysis for coliform bacteria.

