

## APPENDIX D

### MINISTRY AUDIT SAMPLE RESULTS

**APPENDIX  
TABLE 3  
POWASSAN DRINKING WATER SYSTEM  
AUDIT SAMPLE RESULTS - 13-FEB-2013  
SUMMARY OF MICROBIOLOGICAL PARAMETERS - HEALTH RELATED**

**Sample Legend:**

Sample # 1 - 433 MAIN ST. ARENA DISTRIBUTION

Sample # 2 - 466 MAIN ST. MUNICIPAL OFFICE DISTRIBUTION

Sample # 3 - 601 MAIN ST. LCBO DISTRIBUTION

Parameter	Units	MC <sup>1</sup>	SAMPLE	SAMPLE	SAMPLE
			# 1	# 2	# 3
NT: ESCHERICHIA COLI	C/100ML	0	ABSENT	ABSENT	ABSENT
NT: TOTAL COLIFORMS	C/100ML	0	ABSENT	ABSENT	ABSENT

**Notes:**

- Escherichia coli is a more definitive indicator of fecal contamination than fecal coliforms or total coliforms.
- At elevated levels, the general bacterial population may interfere with the detection of coliforms. This general population can be estimated from either background colony counts on the total coliform membrane filters or heterotrophic plate counts (HPC).

**Shortforms:**

C/100mL - Count per 100 millilitre

C/mL - Count per millilitre

**Footnotes:**

- 1 Maximum Concentration as per O.Reg 169/03.
- 2 Aesthetic Objective.

**APPENDIX  
TABLE 5  
POWASSAN DRINKING WATER SYSTEM  
AUDIT SAMPLE RESULTS - 13-FEB-2013  
SUMMARY OF MICRO, CHEMICAL / PHYSICAL PARAMETERS - NOT HEALTH RELATED**

Sample Legend:

Sample # 1 - 433 MAIN ST. ARENA DISTRIBUTION

Sample # 2 - 466 MAIN ST. MUNICIPAL OFFICE DISTRIBUTION

Sample # 3 - 601 MAIN ST. LCBO DISTRIBUTION

Parameter	Units	OBJECTIVE	TYPE OF OBJECTIVE	SAMPLE	SAMPLE	SAMPLE
				# 1	# 2	# 3
NT: DETERIORATION INDICATORS	C/100ML	0	AO	NOT DETECTED	NOT DETECTED	NOT DETECTED

**Shortforms:**

<T	- A measurable trace amount, interpret with caution	AO	- Aesthetic Objective
<W	- No measurable response (zero). <Reported value	OG	- Operational Guideline
<=W	- No measurable response (zero). <Reported value	FTU = NTU	- Nephelometric Turbidity Unit
<	- Actual result is less than reported value	TCU	- True Colour Units
ND	- Not detected	NG/L	- Nanograms per litre
NA	- Result not available	UG/L	- Micrograms per litre
NS	- Not sampled	MG/L	- Milligrams per litre
DEG	- Degree celsius		

**Footnotes:**

- a Organic Nitrogen = (Total Kjeldahl Nitrogen - (Ammonia + Ammonium))
- b The aesthetic objective for sodium in drinking water is 200 mg/L. The local Medical Officer of Health should be notified when the sodium concentration exceeds 20 mg/L so that this information may be communicated to local physicians for their use with patients on sodium restricted diets.
- c When sulphate levels exceed 500 mg/L, water may have a laxative effect on some people.
- d Applicable for all water at the point of consumption.

NO DATUM FOUND FOR THE FOLLOWING TABLE(S):

-TABLE 1 - SUMMARY OF PARAMETERS EXCEEDING ODWQS

-TABLE 2 - SUMMARY OF PARAMETERS EXCEEDING HALF OF THEIR HEALTH-RELATED ODWQS

-TABLE 4 - SUMMARY OF CHEMICAL/PHYSICAL PARAMETERS - HEALTH RELATED

-TABLE 6 - SUMMARY OF PARAMETERS WITH NO ODWQS