

CITY OF HUMBOLDT

Drinking Water Quality & Compliance Report To Consumers

For The Year 2006

Introduction

Saskatchewan Environment requires that once each year the City of Humboldt provides notification to consumers of the quality of water as well as information on the compliance rate for test samples submitted to the Provincial Laboratory.

1. Bacteriological Quality

Parameters	Limit	Regular Samples Required	Regular Samples Submitted	No. of Positive Samples %
Total Coliform	0/100 ml	52	51	0
Background Bacteria	Less than 200/100 ml	52	51	0
Background Bacteria	Greater than 200/100 ml	52	51	0

2. Water Disinfection – Chlorine Residual in Distribution System

Parameters	Limit	Test Level Range	No. of Tests Performed	No. of Tests Not Meeting Limit
Chlorine Residual	0.1 mg/l free	0.04-1.42	51	1
	or 0.5 mg/l total	0.05-1.66	51	4

3. Turbidity – A measure of the cloudiness of water.

Parameters	Limit NTU	Test Level Range	No. Of Tests Not Meeting Requirements	Turbidity NTU (MAX)	Tests Required	Tests Performed
Turbidity	1.0	0.08 to 1.20	1	1.20	51	51
Turbidity Average		0.192				

4. Trihalomethanes – A measure of the reaction between organics in water and chlorine.

Parameters	Limit (mg/l)	Sample Result (Average)	No. of Samples Required	No. of Samples Submitted
Trihalomethanes	0.100	.077	4 (1 every 3 months)	4

More information on water quality and sample submission performance may be obtained from:

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