

Drinking Water Annual Report - 2004

City of Quesnel Water System

WATER SYSTEM OVERVIEW

The City of Quesnel water system is currently comprised of 6 operating groundwater wells (Main System), 8 reservoirs, 5 booster pump stations, 2 main PRV stations and approximately 100 km of water main. In addition the City also maintains one independent well on Sword Road (Small System) in South Quesnel to provide water to the soccer fields. At present there is no treatment or disinfection provided to the water system.

Approximately 12,000 residents are serviced by the City water system.

WATER MONITORING

To ensure the delivery of safe drinking water, the City has a program to monitor water quality at the source.

Historically, drinking water quality within the City has been monitored in consultation with the Provincial Health Inspector. The challenge and responsibility to ensure safe drinking water has been assisted by the recent adoption, in May 2003, by the province of the "British Columbia Drinking Water Regulations". In accordance with these new regulations, the City has developed a drinking water quality monitoring program to enhance present practices.

In May 2004 the City commenced sending their water samples to Cantest Laboratory in Burnaby, for all sampling points. The City has direct contact with the lab on results and concerns. Our local Drinking Water Officer at Northern Health Authority, also has access to these results. From the laboratory, the results are downloaded directly to Water Trax, the City's water quality database.

The sampling parameters used to monitor potability are listed in the Guidelines for Canadian Drinking Water Quality (GCDWQ) & the British Columbia Drinking Water Regulations (BCDWR). These sampling parameters are used as indicators for bacteriological, chemical and physical contaminants.

Sampling frequency is also important in obtaining an accurate overview of water quality within the distribution system.

As a minimum, the number of samples to be taken of the source and distribution system, as required by the new provincial regulations, are based on population. The minimum number of samples to be taken for the City of Quesnel's approximately 12,000 people, is 12 per month. The City exceeds that number of monthly sampling. The City samples 14 individual sites bi-weekly, for total & fecal coliforms, heterotrophic plate count, turbidity and temperature.. As well, all reservoirs and wells are tested on a monthly basis for bacterial contaminants. In addition to the bacteriological parameters, additional testing is done for chemical & physical contaminants.

WATER QUALITY

Samples are taken at the start, middle and end of the entire City water distribution system. Lab results are transmitted to the City via email, as well as to the Drinking Water Officer. Results are downloaded into the City's water quality database, Water Trax.

If it is observed during testing that certain parameters exceed the limits specified in the GCDWQ or BCDWR guidelines, a procedure is in place for retesting and notification of any results or conditions that render or could render the water unfit to drink.

The standard protocol when a water sample is found to contain the presence of coliforms, however minute, is to resample the water immediately at the same location and resubmit for testing. The provincial Drinking Water Officer will determine if any action by the City is necessary only after a second test also shows the presence of coliforms.

In accordance with the regulations of our operating permit, the City has a plan in effect to respond to emergencies to ensure the delivery of safe drinking water to all its residents.

In 2004, we had some exceedences in our total coliform readings. Of the 199 samples taken and sent to Cantest Labs, on our Main System, there were five instances reported to be over the maximum acceptable concentration, the highest result was in our new South Quesnel Reservoir. Due to the unexpected nature of unchlorinated water we need to look at chlorination in the future.

At present there is no treatment or disinfection provided to the water system.

CONCLUSION

This 2004 City of Quesnel Water System Report is presented to the public, by way of posting on the City of Quesnel website, as required by the British Columbia Drinking Water Protection Act and Regulations, as well as to meet the terms and conditions of the City's Water System Operating Permit issued by the BC Drinking Water Officer.

Attachment "A" contains:

"City of Quesnel Water Quality Monitoring Program"

a list of the sampling point sites and the parameters tested by the City of Quesnel

Attachment "B" contains:

Water Sampling Result Reports for May -Dec 2004 from Cantest Labs on Main System, Small System, as well as three exceedence reports for Coliform & Turbidity on each system.

Attachment "C" contains:

Water Sampling Results for Jan - July 2004 from BCCDC Labs

LINKS:

Health Canada's Supporting Documentation :

www.hc-sc.gc.ca/hecs-sesc/water/dwgsup.htm which contains "Summary of Guidelines for Canadian Drinking Water Quality", which Health Canada publishes on current guidelines and updates each spring on their website

WaterTrax:

www.watertrax.com which has information on parameter standards

Attachment "A"

City of Quesnel Water Quality Monitoring Program		
	SITE LOCATION	PARAMETERS
BI-WEEKLY (Distribution System) (every other Tues between 10am and 2pm)		
	First Week	Parameters: Total coliforms, Fecal coliforms, HPC's, turbidity, temp
	Airport	
	1722 Mills Rd	
	Marsh Dr- West Park Mall	
	Graham Avenue -Carson School	
	W. Fraser St	
	191 Sanderson Rd	
	Standpipe at Carson Pit	
	Third Week	Parameters: Total coliforms, Fecal coliforms, HPC's, turbidity, temp
	Carradice Rd – Van Kam office	
	511 Dixon St	
	Front St – Hospital	
	1340 Nason St	
	N Star Rd – Booster Dragon Hill Feed	
	N Star Booster -S. Hill Feed	
	Chew Rd - 711	
MONTHLY (Reservoirs)		Parameters: Total coliforms, Fecal coliforms, Temp
	Hwy 97 – Shadow Heights	
	Pinecrest Rd	
	Baker Dr – Sugar Loaf	
	Abbott Dr (Abbott #1, Abbott #2)	
	Dragon Hill	
	Tatchell (Southills #1, Southills #2)	
MONTHLY (Wells)		Parameters: Total coliforms, Fecal coliforms, Temp
	Sword Rd – Soccer Field Well	
	Rolph St at Roddis Dr	
	Hillborn Rd	
	Rolph St at Robertson Ave	
	Off North Fraser Dr	
	Hillborn Rd	
	Carson Subdivision Flats	

City of Quesnel Water Quality Monitoring Program

QUARTERLY (Wells) (first week of March, June, Sept, Dec)		Parameters: Chloride, Nitrate, Nitrite, Temperature
	Sword Rd - Soccer Field Well	
	Rolph St at Roddis Dr	
	Hillborn Rd	
	Rolph St at Robertson Ave	
	Off North Fraser Dr	
	Hillborn Rd	
	Carson Subdivision Flats	
SEMI - ANNUALLY (Distribution System) (first week Oct & April)		Parameters: Copper, Zinc, Lead, Iron, Vinyl chloride, Manganese, Temperature
	Mills Rd	
	Sanderson Rd	
ANNUALLY (Wells)		Parameters: Enhanced Potability, molybdenum, nickel, phosphorus, silver, Aggressive Index Number (Langelier saturation index) , Volatile Organic Compounds, Temperature
	Sword Rd – Soccer Field well	
	Rolph St at Roddis Dr.	
	Hillborn Rd	
	Rolph St at Robertson Ave	
	Off North Fraser Dr	
	Hillborn Rd	
	Carson Sub Flats	

Organization: **City of Quesnel**
Water System: **City of Quesnel – Small System**
05/01/2004 to 12/31/2004 (mm/dd/yyyy)

INORGANIC**Aluminum (total)**

samples: 1 **min:** <0.0050
detects: 0 **max:** <0.0050 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Antimony (total)

samples: 1 **min:** <0.0010
detects: 0 **max:** <0.0010 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Arsenic (total)

samples: 1 **min:** <0.0010
detects: 0 **max:** <0.0010 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Barium (total)

samples: 1 **min:** 0.041
detects: 1 **max:** 0.041 mg/L
non-detects: 0 **avg:** 0.041 mg/L (based on 1 numerical results)
exceedances: 0

City of Quesnel – Small System (Continued)

Bicarbonate (as HCO₃)

samples: 1 **min:** 131
detects: 1 **max:** 131 mg/L
non-detects: 0 **avg:** 131 mg/L (based on 1 numerical results)
exceedances: 0

Boron (total)

samples: 1 **min:** <0.0500
detects: 0 **max:** <0.0500 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Cadmium (total)

samples: 1 **min:** <0.0002
detects: 0 **max:** <0.0002 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Calcium (dissolved)

samples: 1 **min:** 26.4
detects: 1 **max:** 26.4 mg/L
non-detects: 0 **avg:** 26.4 mg/L (based on 1 numerical results)
exceedances: 0

Carbonate (as CO₃)

samples: 1 **min:** <0.5000
detects: 0 **max:** <0.5000 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Chloride

samples: 3 **min:** <0.2000
detects: 2 **max:** 0.38 mg/L
non-detects: 1 **avg:** 0.34 mg/L (based on 2 numerical results)
exceedances: 0

Chromium (total)

samples: 1 **min:** <0.0010
detects: 0 **max:** <0.0010 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Copper (total)

samples: 1 **min:** <0.0010
detects: 0 **max:** <0.0010 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Fluoride

samples: 1 **min:** <0.0500
detects: 0 **max:** <0.0500 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

City of Quesnel – Small System (Continued)

Hydroxide (as OH)

samples: 1 **min:** <0.5000
detects: 0 **max:** <0.5000 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Iron (dissolved)

samples: 1 **min:** <0.0500
detects: 0 **max:** <0.0500 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Iron (total)

samples: 1 **min:** <0.0500
detects: 0 **max:** <0.0500 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Lead (total)

samples: 1 **min:** <0.0010
detects: 0 **max:** <0.0010 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Magnesium (dissolved)

samples: 1 **min:** 7.93
detects: 1 **max:** 7.93 mg/L
non-detects: 0 **avg:** 7.93 mg/L (based on 1 numerical results)
exceedances: 0

Magnesium (total)

samples: 1 **min:** 8.02
detects: 1 **max:** 8.02 mg/L
non-detects: 0 **avg:** 8.02 mg/L (based on 1 numerical results)
exceedances: 0

Manganese (dissolved)

samples: 1 **min:** <0.0010
detects: 0 **max:** <0.0010 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Manganese (total)

samples: 1 **min:** <0.0010
detects: 0 **max:** <0.0010 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Mercury (total)

samples: 1 **min:** <0.00002
detects: 0 **max:** <0.00002 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

City of Quesnel – Small System (Continued)

Molybdenum (total)

samples: 1 **min:** 0.0014
detects: 1 **max:** 0.0014 mg/L
non-detects: 0 **avg:** 0.0014 mg/L (based on 1 numerical results)
exceedances: 0

Nickel (total)

samples: 1 **min:** <0.0010
detects: 0 **max:** <0.0010 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Nitrate (as N)

samples: 2 **min:** 0.13
detects: 2 **max:** 0.14 mg/L
non-detects: 0 **avg:** 0.14 mg/L (based on 2 numerical results)
exceedances: 0

Nitrate + Nitrite (as N)

samples: 2 **min:** <0.0100
detects: 1 **max:** 0.13 mg/L
non-detects: 1 **avg:** 0.13 mg/L (based on 1 numerical results)
exceedances: 0

Nitrite (as N)

samples: 2 **min:** <0.0020
detects: 0 **max:** <0.0020 mg/L
non-detects: 2 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Phosphorus (total)

samples: 1 **min:** <0.1500
detects: 0 **max:** <0.1500 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Potassium (dissolved)

samples: 1 **min:** 0.6
detects: 1 **max:** 0.6 mg/L
non-detects: 0 **avg:** 0.6 mg/L (based on 1 numerical results)
exceedances: 0

Selenium (total)

samples: 1 **min:** <0.0010
detects: 0 **max:** <0.0010 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Silicon (dissolved, as SiO2)

samples: 1 **min:** 7.9
detects: 1 **max:** 7.9 mg/L
non-detects: 0 **avg:** 7.9 mg/L (based on 1 numerical results)
exceedances: 0

City of Quesnel – Small System (Continued)

Silver (total)

samples: 1 **min:** <0.0003
detects: 0 **max:** <0.0003 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Sodium (dissolved)

samples: 1 **min:** 2.99
detects: 1 **max:** 2.99 mg/L
non-detects: 0 **avg:** 2.99 mg/L (based on 1 numerical results)
exceedances: 0

Sulphate

samples: 1 **min:** 15.1
detects: 1 **max:** 15.1 mg/L
non-detects: 0 **avg:** 15.1 mg/L (based on 1 numerical results)
exceedances: 0

Uranium (total)

samples: 1 **min:** <0.0005
detects: 0 **max:** <0.0005 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Zinc (total)

samples: 1 **min:** <0.0050
detects: 0 **max:** <0.0050 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

MICROORGANISMS**Fecal coliforms (counts)**

samples: 12 **min:** <1.0000
detects: 0 **max:** <1.0000 counts/100mL
non-detects: 12 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Heterotrophic Plate Count / HPC

samples: 5 **min:** <1.0000
detects: 1 **max:** 1 CFU/mL
non-detects: 4 **avg:** 1 CFU/mL (based on 1 numerical results)
exceedances: 0

Total coliforms (counts)

samples: 12 **min:** <1.0000
detects: 1 **max:** 2 counts/100mL
non-detects: 11 **avg:** 2 counts/100mL (based on 1 numerical results)
exceedances: 1

ORGANIC**Benzene**

samples: 1 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Bromodichloromethane

samples: 1 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Bromoform

samples: 1 **min:** <0.0002
detects: 0 **max:** <0.0002 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Carbon tetrachloride

samples: 1 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Chloroethane

samples: 1 **min:** <0.4000
detects: 0 **max:** <0.4000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

City of Quesnel – Small System (Continued)

Chloroform

samples: 1 **min:** <0.0003
detects: 0 **max:** <0.0003 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Chloromethane

samples: 1 **min:** <0.4000
detects: 0 **max:** <0.4000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Chlorodibromomethane

samples: 1 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Dibromomethane

samples: 1 **min:** <0.2000
detects: 0 **max:** <0.2000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,2-Dichlorobenzene

samples: 1 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,3-Dichlorobenzene

samples: 1 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,4-Dichlorobenzene

samples: 1 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Dichlorodifluoromethane

samples: 1 **min:** <0.2000
detects: 0 **max:** <0.2000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,1-Dichloroethane

samples: 1 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

City of Quesnel – Small System (Continued)

1,2-Dichloroethane

samples: 1 **min:** <0.0004
detects: 0 **max:** <0.0004 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,1-Dichloroethylene

samples: 1 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

cis-1,2-Dichloroethylene

samples: 1 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

trans-1,2-Dichloroethylene

samples: 1 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Dichloromethane

samples: 1 **min:** <0.006
detects: 0 **max:** <0.006 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,2-Dichloropropane

samples: 1 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

cis-1,3-Dichloropropene

samples: 1 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

trans-1,3-Dichloropropene

samples: 1 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Ethylbenzene

samples: 1 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

City of Quesnel – Small System (Continued)

Ethylene dibromide

samples: 1 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

2-Hexanone

samples: 1 **min:** <5.0000
detects: 0 **max:** <5.0000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Methyl bromide

samples: 1 **min:** <0.8000
detects: 0 **max:** <0.8000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Methyl ethyl ketone

samples: 1 **min:** <5.0000
detects: 0 **max:** <5.0000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Methyl isobutyl ketone

samples: 1 **min:** <2.0000
detects: 0 **max:** <2.0000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Monochlorobenzene

samples: 1 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Styrene

samples: 1 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,1,2,2-Tetrachloroethane

samples: 1 **min:** <0.2000
detects: 0 **max:** <0.2000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Tetrachloroethylene

samples: 1 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

City of Quesnel – Small System (Continued)

Toluene

samples: 1 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,1,1-Trichloroethane

samples: 1 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,1,2-Trichloroethane

samples: 1 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Trichloroethylene

samples: 1 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Trichlorofluoromethane

samples: 1 **min:** <0.2000
detects: 0 **max:** <0.2000 micro g/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Vinyl chloride

samples: 1 **min:** <0.0002
detects: 0 **max:** <0.0002 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Total Xylenes

samples: 1 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

PHYSICAL**Alkalinity (total, as CaCO₃)**

samples: 1 **min:** 107
detects: 1 **max:** 107 mg/L
non-detects: 0 **avg:** 107 mg/L (based on 1 numerical results)
exceedances: 0

Colour

samples: 1 **min:** <5.0000
detects: 0 **max:** <5.0000 TCU
non-detects: 1 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Conductivity

samples: 1 **min:** 204
detects: 1 **max:** 204 microS/cm
non-detects: 0 **avg:** 204 microS/cm (based on 1 numerical results)
exceedances: 0

Hardness (total, as CaCO3)

samples: 1 **min:** 97
detects: 1 **max:** 97 mg/L
non-detects: 0 **avg:** 97 mg/L (based on 1 numerical results)
exceedances: 0

Langelier Index (@ 4 C)

samples: 1 **min:** -0.57
detects: 1 **max:** -0.57
non-detects: 0 **avg:** -0.57 (based on 1 numerical results)
exceedances: 0

Langelier Index (@ 60 C)

samples: 1 **min:** 0.48
detects: 1 **max:** 0.48
non-detects: 0 **avg:** 0.48 (based on 1 numerical results)
exceedances: 0

City of Quesnel – Small System (Continued)

pH

# samples: 1	min: 7.89
# detects: 1	max: 7.89
# non-detects: 0	avg: 7.89 (based on 1 numerical results)
# exceedances: 0	

Temperature

# samples: 12	min: 8.5
# detects: 12	max: 14 degrees C
# non-detects: 0	avg: 10.3 degrees C (based on 12 numerical results)
# exceedances: 0	

Total dissolved solids / TDS

# samples: 1	min: 120
# detects: 1	max: 120 mg/L
# non-detects: 0	avg: 120 mg/L (based on 1 numerical results)
# exceedances: 0	

Turbidity

# samples: 5	min: <0.1000
# detects: 4	max: 6.0 NTU
# non-detects: 1	avg: 2.07 NTU (based on 4 numerical results)
# exceedances: 2	95th Percentile: 6.00 NTU

Notes:

Result: P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested

"<" = less than detection limit shown

">" = greater than upper range limit shown

"«" = less than number shown (Detected)

"»" = greater than number shown (Detected)

* Criteria Exceeded

Organization: **City of Quesnel**
Water System: **City of Quesnel – Main System**
05/01/2004 to 12/31/2004 (mm/dd/yyyy)

INORGANIC**Aluminum (total)**

samples: 5 **min:** <0.0050
detects: 0 **max:** <0.0050 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Antimony (total)

samples: 5 **min:** <0.0010
detects: 0 **max:** <0.0010 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Arsenic (total)

samples: 5 **min:** <0.0010
detects: 2 **max:** 0.001 mg/L
non-detects: 3 **avg:** 0.001 mg/L (based on 2 numerical results)
exceedances: 0

Barium (total)

samples: 5 **min:** 0.024
detects: 5 **max:** 0.13 mg/L
non-detects: 0 **avg:** 0.068 mg/L (based on 5 numerical results)
exceedances: 0

City of Quesnel – Main System (Continued)

Bicarbonate (as HCO₃)

samples: 5 **min:** 155
detects: 5 **max:** 283 mg/L
non-detects: 0 **avg:** 232 mg/L (based on 5 numerical results)
exceedances: 0

Boron (total)

samples: 5 **min:** <0.0500
detects: 0 **max:** <0.0500 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Cadmium (total)

samples: 5 **min:** <0.0002
detects: 0 **max:** <0.0002 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Calcium (dissolved)

samples: 5 **min:** 35.8
detects: 5 **max:** 67.4 mg/L
non-detects: 0 **avg:** 48.7 mg/L (based on 5 numerical results)
exceedances: 0

Carbonate (as CO₃)

samples: 5 **min:** <0.5000
detects: 0 **max:** <0.5000 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Chloride

samples: 14 **min:** 1.4
detects: 14 **max:** 9.9 mg/L
non-detects: 0 **avg:** 6.5 mg/L (based on 14 numerical results)
exceedances: 0

Chromium (total)

samples: 5 **min:** <0.0010
detects: 0 **max:** <0.0010 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Copper (total)

samples: 5 **min:** <0.0010
detects: 3 **max:** 0.002 mg/L
non-detects: 2 **avg:** 0.001 mg/L (based on 3 numerical results)
exceedances: 0

Fluoride

samples: 5 **min:** <0.0500
detects: 3 **max:** 0.11 mg/L
non-detects: 2 **avg:** 0.09 mg/L (based on 3 numerical results)
exceedances: 0

City of Quesnel – Main System (Continued)

Hydroxide (as OH)

samples: 5 **min:** <0.5000
detects: 0 **max:** <0.5000 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Iron (dissolved)

samples: 5 **min:** <0.0500
detects: 0 **max:** <0.0500 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Iron (total)

samples: 5 **min:** <0.0500
detects: 0 **max:** <0.0500 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Lead (total)

samples: 5 **min:** <0.0010
detects: 0 **max:** <0.0010 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Magnesium (dissolved)

samples: 5 **min:** 6.82
detects: 5 **max:** 18.4 mg/L
non-detects: 0 **avg:** 13.48 mg/L (based on 5 numerical results)
exceedances: 0

Magnesium (total)

samples: 5 **min:** 8.15
detects: 5 **max:** 20.8 mg/L
non-detects: 0 **avg:** 14.83 mg/L (based on 5 numerical results)
exceedances: 0

Manganese (dissolved)

samples: 5 **min:** 0.010
detects: 5 **max:** 0.35 mg/L
non-detects: 0 **avg:** 0.123 mg/L (based on 5 numerical results)
exceedances: 4

Manganese (total)

samples: 5 **min:** 0.011
detects: 5 **max:** 0.40 mg/L
non-detects: 0 **avg:** 0.141 mg/L (based on 5 numerical results)
exceedances: 4

Mercury (total)

samples: 5 **min:** <0.00002
detects: 0 **max:** <0.00002 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

City of Quesnel – Main System (Continued)

Molybdenum (total)

samples: 5 **min:** 0.0006
detects: 5 **max:** 0.0014 mg/L
non-detects: 0 **avg:** 0.0009 mg/L (based on 5 numerical results)
exceedances: 0

Nickel (total)

samples: 5 **min:** <0.0010
detects: 4 **max:** 0.003 mg/L
non-detects: 1 **avg:** 0.002 mg/L (based on 4 numerical results)
exceedances: 0

Nitrate (as N)

samples: 9 **min:** <0.0500
detects: 5 **max:** 0.76 mg/L
non-detects: 4 **avg:** 0.31 mg/L (based on 5 numerical results)
exceedances: 0

Nitrate + Nitrite (as N)

samples: 10 **min:** <0.0100
detects: 3 **max:** 0.76 mg/L
non-detects: 7 **avg:** 0.37 mg/L (based on 3 numerical results)
exceedances: 0

Nitrite (as N)

samples: 9 **min:** <0.0020
detects: 3 **max:** 0.006 mg/L
non-detects: 6 **avg:** 0.004 mg/L (based on 3 numerical results)
exceedances: 0

Phosphorus (total)

samples: 5 **min:** <0.1500
detects: 1 **max:** 0.2 mg/L
non-detects: 4 **avg:** 0.2 mg/L (based on 1 numerical results)
exceedances: 0

Potassium (dissolved)

samples: 5 **min:** 1.0
detects: 5 **max:** 2.6 mg/L
non-detects: 0 **avg:** 1.7 mg/L (based on 5 numerical results)
exceedances: 0

Selenium (total)

samples: 5 **min:** <0.0010
detects: 0 **max:** <0.0010 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Silicon (dissolved, as SiO2)

samples: 5 **min:** 11.1
detects: 5 **max:** 20.5 mg/L
non-detects: 0 **avg:** 15.3 mg/L (based on 5 numerical results)
exceedances: 0

City of Quesnel – Main System (Continued)

Silver (total)

samples: 5 **min:** <0.0003
detects: 0 **max:** <0.0003 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Sodium (dissolved)

samples: 5 **min:** 3.02
detects: 5 **max:** 6.47 mg/L
non-detects: 0 **avg:** 4.96 mg/L (based on 5 numerical results)
exceedances: 0

Sulphate

samples: 5 **min:** 16.2
detects: 5 **max:** 63.9 mg/L
non-detects: 0 **avg:** 28.3 mg/L (based on 5 numerical results)
exceedances: 0

Uranium (total)

samples: 5 **min:** <0.0005
detects: 4 **max:** 0.0019 mg/L
non-detects: 1 **avg:** 0.0010 mg/L (based on 4 numerical results)
exceedances: 0

Zinc (total)

samples: 5 **min:** <0.0050
detects: 0 **max:** <0.0050 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

MICROORGANISMS

Background Bacteria

samples: 0 **min:** n/a
detects: 0 **max:** n/a
non-detects: 0 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Fecal coliforms (counts)

samples: 199 **min:** <1.0000
detects: 0 **max:** <1.0000 counts/100mL
non-detects: 199 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Heterotrophic Plate Count / HPC

samples: 125 **min:** <1.0000
detects: 12 **max:** 5 CFU/mL
non-detects: 113 **avg:** 1 CFU/mL (based on 12 numerical results)
exceedances: 0

Total coliforms (counts)

samples: 199 **min:** <1.0000
detects: 5 **max:** 6 counts/100mL
non-detects: 194 **avg:** 2 counts/100mL (based on 5 numerical results)
exceedances: 5

ORGANIC**Benzene**

samples: 5 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Bromodichloromethane

samples: 5 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Bromoform

samples: 5 **min:** <0.0002
detects: 0 **max:** <0.0002 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Carbon tetrachloride

samples: 5 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Chloroethane

samples: 5 **min:** <0.4000
detects: 0 **max:** <0.4000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Chloroform

samples: 5 **min:** <0.0003
detects: 0 **max:** <0.0003 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Chloromethane

samples: 5 **min:** <0.4000
detects: 0 **max:** <0.4000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Chlorodibromomethane

samples: 5 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

City of Quesnel – Main System (Continued)

Dibromomethane

samples: 5 **min:** <0.2000
detects: 0 **max:** <0.2000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,2-Dichlorobenzene

samples: 5 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,3-Dichlorobenzene

samples: 5 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,4-Dichlorobenzene

samples: 5 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Dichlorodifluoromethane

samples: 5 **min:** <0.2000
detects: 0 **max:** <0.2000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,1-Dichloroethane

samples: 5 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,2-Dichloroethane

samples: 5 **min:** <0.0004
detects: 0 **max:** <0.0004 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,1-Dichloroethylene

samples: 5 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

cis-1,2-Dichloroethylene

samples: 5 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

City of Quesnel – Main System (Continued)

trans-1,2-Dichloroethylene

samples: 5 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Dichloromethane

samples: 5 **min:** <0.006
detects: 0 **max:** <0.006 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,2-Dichloropropane

samples: 5 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

cis-1,3-Dichloropropene

samples: 5 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

trans-1,3-Dichloropropene

samples: 5 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Ethylbenzene

samples: 5 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Ethylene dibromide

samples: 5 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

2-Hexanone

samples: 5 **min:** <5.0000
detects: 0 **max:** <5.0000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Methyl bromide

samples: 5 **min:** <0.8000
detects: 0 **max:** <0.8000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

City of Quesnel – Main System (Continued)

Methyl ethyl ketone

samples: 5 **min:** <5.0000
detects: 0 **max:** <5.0000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Methyl isobutyl ketone

samples: 5 **min:** <2.0000
detects: 0 **max:** <2.0000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Monochlorobenzene

samples: 5 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Styrene

samples: 5 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,1,2,2-Tetrachloroethane

samples: 5 **min:** <0.2000
detects: 0 **max:** <0.2000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Tetrachloroethylene

samples: 5 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Toluene

samples: 5 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,1,1-Trichloroethane

samples: 5 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

1,1,2-Trichloroethane

samples: 5 **min:** <0.1000
detects: 0 **max:** <0.1000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

City of Quesnel – Main System (Continued)

Trichloroethylene

samples: 5 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Trichlorofluoromethane

samples: 5 **min:** <0.2000
detects: 0 **max:** <0.2000 micro g/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Vinyl chloride

samples: 5 **min:** <0.0002
detects: 0 **max:** <0.0002 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Total Xylenes

samples: 5 **min:** <0.0001
detects: 0 **max:** <0.0001 mg/L
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

PHYSICAL

City of Quesnel – Main System (Continued)

Alkalinity (total, as CaCO₃)

samples: 5 **min:** 127
detects: 5 **max:** 232 mg/L
non-detects: 0 **avg:** 190 mg/L (based on 5 numerical results)
exceedances: 0

Colour

samples: 5 **min:** <5.0000
detects: 0 **max:** <5.0000 TCU
non-detects: 5 **avg:** n/a (based on 0 numerical results)
exceedances: 0

Conductivity

samples: 5 **min:** 224
detects: 5 **max:** 484 microS/cm
non-detects: 0 **avg:** 339 microS/cm (based on 5 numerical results)
exceedances: 0

Hardness (total, as CaCO₃)

samples: 5 **min:** 113
detects: 5 **max:** 230 mg/L
non-detects: 0 **avg:** 170 mg/L (based on 5 numerical results)
exceedances: 0

Langelier Index (@ 4 C)

samples: 5 **min:** -0.30
detects: 5 **max:** 0.17
non-detects: 0 **avg:** -0.11 (based on 5 numerical results)
exceedances: 0

Langelier Index (@ 60 C)

samples: 5 **min:** 0.74
detects: 5 **max:** 1.21
non-detects: 0 **avg:** 0.93 (based on 5 numerical results)
exceedances: 0

pH

samples: 5 **min:** 7.80
detects: 5 **max:** 8.02
non-detects: 0 **avg:** 7.88 (based on 5 numerical results)
exceedances: 0

Temperature

samples: 160 **min:** 5
detects: 160 **max:** 17 degrees C
non-detects: 0 **avg:** 10.3 degrees C (based on 160 numerical results)
exceedances: 0

Total dissolved solids / TDS

samples: 5 **min:** 168
detects: 5 **max:** 365 mg/L
non-detects: 0 **avg:** 251 mg/L (based on 5 numerical results)
exceedances: 0

City of Quesnel – Main System (Continued)

Turbidity

# samples: 123	min: <0.1000
# detects: 100	max: 24 NTU
# non-detects: 23	avg: 0.50 NTU (based on 100 numerical results)
# exceedances: 5	95th Percentile: 0.73 NTU

Notes:

Result: P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested

"<" = less than detection limit shown

">" = greater than upper range limit shown

"«" = less than number shown (Detected)

"»" = greater than number shown (Detected)

** Criteria Exceeded*

Organization: City of Quesnel
 Water System: City of Quesnel – Small System
 05/01/2004 to 12/31/2004 (mm/dd/yyyy)
 Exceedances Only

MICROORGANISMS

Fecal coliforms (counts)	Criteria & Type	Sampling Point Name
# samples: 12 # detects: 0 # non-detects: 12 # exceedances: 0	min: <1.0000 max: <1.0000 counts/100mL avg: n/a (based on 0 numerical results)	
Total coliforms (counts)	Criteria & Type	Sampling Point Name
* 07/20/2004 00:00	2 counts/100mL <=0,P,OG	Well W-A Sword RdTreated water tap
# samples: 12 # detects: 1 # non-detects: 11 # exceedances: 1	min: <1.0000 max: 2 counts/100mL avg: 2 counts/100mL (based on 1 numerical results)	

PHYSICAL

Turbidity	Criteria & Type	Sampling Point Name
* 07/27/2004 00:00	1.7 NTU <=1	S-N Standpipe Carson Pit
* 12/14/2004 00:00	6.0 NTU <=1	S-N Standpipe Carson Pit



# samples: 5	min: <0.1000
# detects: 4	max: 6.0 NTU
# non-detects: 1	avg: 2.07 NTU (based on 4 numerical results)
# exceedances: 2	95th Percentile: 6.00 NTU

Notes:

Result: P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested

"<" = less than detection limit shown

">" = greater than upper range limit shown

"«" = less than number shown (Detected)

"»" = greater than number shown (Detected)

* Criteria Exceeded

Organization: City of Quesnel
 Water System: City of Quesnel – Main System
 05/01/2004 to 12/31/2004 (mm/dd/yyyy)
 Exceedances Only

MICROORGANISMS

Fecal coliforms (counts)	Criteria & Type	Sampling Point Name
# samples: 199 min: <1.0000 # detects: 0 max: <1.0000 counts/100mL # non-detects: 199 avg: n/a (based on 0 numerical results) # exceedances: 0		
Total coliforms (counts)	Criteria & Type	Sampling Point Name
* 07/06/2004 00:00	1 counts/100mL <=0,P,OG User-Defined	R-2 Pinecrest
* 08/24/2004 00:00	1 counts/100mL <=0,P,OG User-Defined	1 - S-L 191 Sanderson Rd
* 10/12/2004 00:00	6 counts/100mL <=0,P,OG User-Defined	R-6 #2 Tatchell New Reservoir
* 11/09/2004 00:00	1 counts/100mL <=0,P,OG User-Defined	R-1 Shadow Heights
* 11/09/2004 00:00	2 counts/100mL <=0,P,OG User-Defined	R-6 #2 Tatchell New Reservoir
# samples: 199 min: <1.0000 # detects: 5 max: 6 counts/100mL # non-detects: 194 avg: 2 counts/100mL (based on 5 numerical results) # exceedances: 5		



Notes:

Result: *P=present, A=absent, PR=presumptive, ND=not detected, OR=over range, OG=overgrown, NR=no result, NT=not tested*

"<" = *less than detection limit shown*

">" = *greater than upper range limit shown*

"«" = *less than number shown (Detected)*

"»" = *greater than number shown (Detected)*

* *Criteria Exceeded*



City of Quesnel
WATER TEST RESULTS (January - July 22, 2004)
from Northern Health Authority
BCCDC Laboratory

Lab #	Date Taken	Date Rec'd	Site Description	Coliform Total	Per 100 M Fecal
	Jan 13/04		Rec Centre	1	L1
			McDonalds	L1	L1
			School board well	L1	L1
			3308 Ques Hydraulic	L1	L1
	Jan 20/04		Hospital	L1	L1
			Health Unit	L1	L1
			Weldwood booster	L1	L1
			Slocan	L1	L1
	Jan 21/04		West Park Mall	L1	L1
			Correliou School	L1	L1
			Voyageur School	L1	L1
	Jan 27/04		Rec Centre	L1	L1
			Canadian Tire	L1	L1
			191 Sanderson	L1	L1
			Terry Auto Lab	L1	L1
	Feb 5/04		Rec Centre	L1	L1
			Correliou School	L1	L1
			School board well	L1	L1
	Feb 10/04		Hospital	L1	L1
			McDonalds	L1	L1
			Weldwood booster	L1	L1
			Slocan	L1	L1
	Feb 17/04		Health Unit	L1	L1
			Canadian Tire	L1	L1
			191 Sanderson	L1	L1
			3308 Ques Hydraulic	L1	L1
	Feb 24/04		West Park Mall	L1	L1
			Voyageur Sch	L1	L1
			Terry Auto Lab	L1	L1
	March 2/04		Rec Centre	L1	L1
			McDonalds	L1	L1
			3308 Ques Hyd	L1	L1
			Canadian Tire	L1	L1
	March 9/04		Hospital	L1	L1
			School Board well	L1	L1
			Terry Auto Lab	L1	L1
	March 16/04		Health Unit	L1	L1
			191 Sanderson	L1	L1
			Weldwood booster	L1	L1
			Slocan	L1	L1



City of Quesnel
WATER TEST RESULTS (January - July 22, 2004)
from Northern Health Authority
BCCDC Laboratory

Lab #	Date Taken	Date Rec'd	Site Description	Coliform Total	Per 100 M Fecal
	March 23/04		West Park Mall	L1	L1
			Correliou Sch	L1	L1
			Voyageur Sch	L1	L1
	April 6/04		Rec Centre	L1	L1
			School Board well	L1	L1
			Candian Tire	L1	L1
			Terrys Auto Lab	L1	L1
	April 13/04		McDonalds	L1	L1
			Health Unit	L1	L1
			191 Sanderson	L1	L1
			3308 Ques Hydraulic	L1	L1
	April 26/04		Hospital	L1	L1
			West Park Mall	L1	L1
			Slocan	L1	L1
	April 27/04		Correliou Sch	L1	L1
			Voyageur Sch	L1	L1
			Weldwood booster	L1	L1
	May 5/04		Hospital	L1	L1
			Rec Centre	L1	L1
			McDonalds	L1	L1
			Slocan	L1	L1
	May 18/04		West Park Mall	L1	L1
			Canadian Tire	L1	L1
			191 Sanderson	L1	L1
			Terry Auto Lab	L1	L1
	May 31/04		Correliou Sch	L1	L1
			Voyageur Sch	L1	L1
			Health Unit	L1	L1
			School Board Well	L1	L1
			Weldwood Booster	L1	L1
			3308 Quesnel Hydraulic	L1	L1
	June 9/04		Hospital	L1	L1
			Rec Centre	L1	L1
			McDonalds	L1	L1
			Slocan	L1	L1
	June 16/04		West Park Mall	L1	L1
			Correliou School	L1	L1
			Voyageur School	L1	L1
	June 23/04		School Board Well	L1	L1
			Canadian Tire	L1	L1
			191 Sanderson	L1	L1



City of Quesnel
WATER TEST RESULTS (January - July 22, 2004)
from Northern Health Authority
BCCDC Laboratory