

Bouchie Lake Recreation Commision

Drinking Water Annual Report:

INTRODUCTION: The Bouchie Lake Recreation Commision annual water report describes the water system and provides a summary of water quality testing and water management during 2023. It is a requirement under the British Columbia Drinking Water Regulations Drinking Water Protection Act.

WATER SYSTEM OVERVIEW: The Bouchie Lake Recrteation Commision operates two groundwater wells at the Bouchie Lake hall that are designated as small water systems under the Drinking Water Protection Act. One system supplies domestic/drinking water to the hall, while the other is a non domestic systems for fire suppression etc..

At present, the hall domestic water system is chemically treated for hardness only. No other treatment or disinfection processes are applied to the drinking water system.

WATER MANAGEMENT: Historically, drinking water quality at Bouchie Lake Hall has been monitored in consultation with the Provincial Health Inspector, following best practices with the water being tested every two months. In 2023 the Drinking Water Officer designated the hall wells as a small water supply system and asked for the system to be managed as required under the Act.

As required the Bouchie Lake Recreation Commission has completed the Environmental Operators Certification Program (EOCP) and holds a valid Small Water System Operating Certificate.

As required the Bouchie Lake Recreation Commission has prepared a Water System Emergency Response Plan. It is reviewed and updated annually. Operating procedures are also updated in order to improve the system. The transition to the new requirements remains a work in progress.

WATER QUALITY : Water samples are taken every three months and submitted for testing.

In 2023 four samples were tested for E.coli and total coliforms. See Attachment "A"

The risk was rated Low.

If it is observed during testing that parameters exceed the limits specified in the GCDWQ of 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 the resample the water immediately at the same location and resubmit for testing. The Provincial Health Officer will determine if and what action is necessary to be taken only after a second test shows the presence of coliforms. In accordance with the regulation of our operating permit, the Recreation Commission has a plan in effect to respond to emergencies to ensure the delivery of safe drinking water to all it's users.

CONCLUSION: The 2023 Bouchie Lake Recreation Commission Water System Annual Report is presented to the system users as required by the British Columbia Drinking Water Protection Act – Drinking Water Protection Regulation. It has been established as a requirement to ensure accountability to the community for the water service provided. In order to meet the terms and conditions of the City’s Water System Operating Permit issued by the Drinking Water officer, this report is made available to the public

Attachment: “A”

Water quality monitoring test results:

Link:https://www.healthspace.ca/Clients/NHA/NHA_Website.nsf
(Drinking water - Water system quality - Quesnel - Bouchie Lake Hall)

Bouchie Lake Hall

Facility Location:1975 Centennial Road

Facility Information:

Facility Type: 1 Public Connection
Current Hazard Rating:  **Low**

Facility Sampling History:

<u>Location</u>	<u>Date</u>	<u>Total Coliform</u>	<u>Fecal Coliform</u>	<u>E. Coli</u>
Kitchen, 1975 Centennial Road	21-Feb-2024	LT1		LT1
Kitchen, 1975 Centennial Road	22-Nov-2023	LT1		LT1
Kitchen, 1975 Centennial Road	4-Jul-2023	LT1		LT1
Kitchen, 1975 Centennial Road	19-Apr-2023	LT1		LT1
Kitchen, 1975 Centennial Road	16-Jan-2023	LT1		LT1
Kitchen, 1975 Centennial Road	28-Sep-2022	LT1		LT1

