

SQ-3174
SQ-3174

CHEAKAMUS/BLACKTUSK

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 50°3'9.69" Longitude -123°2'2.8"

Site Status Active

Insp. Status Inspect

Crossing Name Tributary to Cheakamus

FSR # 3077 Branch # 3

Road Name CHEAKAMUS/BLACKTUSK

User km 3.45

Previous Load Rating (tonnes) 62

Structure Class Temporary Bridge

Portable N

Superstructure Log Stringers

Deck Type Gravel

Abutment Left Crib, Log or Untreated Timber

Abutment Right Crib, Log or Untreated Timber

Spans 1

Total Length (m) 8

Deck Width (m) 4.9

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5571840.4 Accuracy (m)

Inspection

Date of Inspection 2022-09-28 9:51:25 AM

Recommended Next Inspection 2023

Inspector Name Mitch Lowe

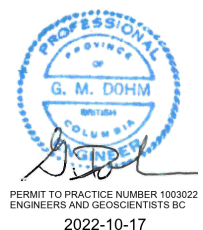
Inspection Company MoF

Inspector Comments Serial/ID Plate

Check load rating in office. Suggest as a bare minimum the load limit be reduced until fill is added. Very poor quality stringers due to high rot levels. Surprised conk is not present, but should still consider impacts of pocket rot if stringers are in fact Fd. Recommend somewhere around 30 tonne load limit but should be checked in the office. Post inspection: confirmed load rating reasonable at BCL625, per g.dohm.

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 14, 2022
Load Rating: BCL625 or 63 tonnes
Next Inspection: 2024
Comments:



PERMIT TO PRACTICE: 1003022

SQ-3174
SQ-3174

CHEAKAMUS/BLACKTUSK

2022 Inspection

CBR iPad Offline Ver 0.36



Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair Very small but low speed road

Posted Load Rating

Road Surface Fair

Abutment

Log/Timber Cribs Poor Camp side is severely undermined.

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill

Riprap Poor See sill comment

Bearings Fair

Corrosion Protection

SQ-3174
SQ-3174

CHEAKAMUS/BLACKTUSK

2022 Inspection

CBR iPad Offline Ver 0.36



Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface Poor Low on fill

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware

Overall Deck Condition

Gravel Depth (mm) 0 Stringer 3 protruding through road surface.

Pier Deck

SQ-3174
SQ-3174

CHEAKAMUS/BLACKTUSK

2022 Inspection

CBR iPad Offline Ver 0.36



Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors

Log

Log Curbs **Good**

Needle Beam

Needle Lashing/
Shimming **Poor**

Loose and not functioning

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
--------------------	---------	--------	------------------	-------------------	-----------	---------

1	Fd	Y	590	590	Poor	Conk/fungus present.
2	Fd	Y	590	30		
3	Fd	Y	590	20		
4	Fd	Y	630	50		
5	Fd	Y	560	20		
6	Fd	Y	650	20		
7	Fd	Y	580	30		
8	Fd	Y	630	30		
9	Fd	Y	660	660	Poor	Conk/fungus present

SQ-3174
SQ-3174

CHEAKAMUS/BLACKTUSK

2022 Inspection

CBR iPad Offline Ver 0.36



Hazards

Estimated Present Water Level Depth (m)

High Water ☐

Debris ☐

Estimated Present Water Level Width (m)

Aggradation ☐

Scour ☒

Estimated High Water Level Clearance

Ic ☐

Comments

Repairs and Monitoring

Repair Item

Repair Description

1 Miscellaneous. Total
Structure Replacement. # of
items. Priority:Medium

2

3

4

5

6

7

Item

Monitor Description

Frequency

1

2

3



Approach from Right Bank when facing downstream



Deck



Approach from Left Bank when facing downstream



Load Rating Sign



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Stringers



Stringers

SQ-3174
SQ-3174

CHEAKAMUS/BLACKTUSK

2022 Inspection

CBR iPad Offline Ver 0.36



Stringers



Stringers