

SQ-3212
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CHEAKAMUS/BLACKTUSK 8.3km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 50°1'40.9" Longitude -123°3'12.8"

Site Status Active

Insp. Status Inspect

Crossing Name Tributary to Cheakmus River

FSR # 3077 Branch # 3

Road Name CHEAKAMUS/BLACKTUSK

User km 8.3

Previous Load Rating (tonnes) 68

Structure Class Temporary Bridge

Portable N

Superstructure Rail Car

Deck Type Timber - Treated

Abutment Left Concrete Lock Blocks

Abutment Right Concrete Lock Blocks

Spans 1

Total Length (m) 16

Deck Width (m) 4.8

Updated Data

Latitude 0°0'0" Longitude 0°0'0"

HD Diff. (m) 5569094.6 Accuracy (m)

Inspection

Date of Inspection 2022-09-28 8:34:19 AM

Recommended Next Inspection 2024

Inspector Name Mitch Lowe

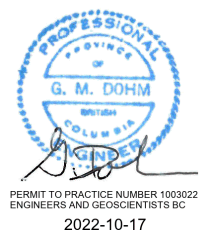
Inspection Company MoF

Inspector Comments Serial/ID Plate

Bridge currently active at time of inspection. Currently seeing overloads from active 30 tonne trucks. Told crew to keep speeds low. Load limit signs are a must here.

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 14, 2022
Load Rating: L75 or 68 tonnes
Next Inspection: 2024
Comments:



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2 Not required

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Poor Not present

Posted Load Rating

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good Geogrid installed

Caps or Sills Fair Two short Timbers notched into one long sill. Okay condition.

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection

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Deck

Running Surface

Running Planks **Good**

Sub Deck

Ties **Fair**

Nails **Good** Lag bolts

Deck to Girder Bolts **Poor** Lagged to old rotten decking. Not currently an issue.

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Fair** Somewhat loose but not rotten. Low speed road.

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Fair**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Diaphragms Fair

Bracing Fair

Under Trussing

Hardware Fair

Welded/grouted
shear connectors

Log

Log Curbs

Needle Beam

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer
Number

Species

Peeled

Diameter
(mm)

Rot Depth
(mm)

Condition

Comment

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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 Approach. Add Warning Signs. # of signs. Priority:High	Load limit signs required.

2

3

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Right Bank when facing downstream



Deck



Deck



Downstream from Crossing



Upstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Structure ID



Structure ID



Bearing



Upstream Profile