

CK-2497
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ENGLISH 2.6km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°39'23.1" Longitude -121°51'58.9"

Site Status Active

Insp. Status Inspect

Crossing Name Side Creek

FSR # 5748 Branch # 29

Road Name ENGLISH

User km 2.6

Previous Load Rating (tonnes) 27

Structure Class Temporary Bridge

Portable N

Superstructure Log Stringers

Deck Type Gravel

Abutment Left Sill -Temporary Materials

Abutment Right Sill -Temporary Materials

Spans 1

Total Length (m) 8

Deck Width (m) 5.5

Updated Data

Latitude 49°39'22.7" Longitude -121°51'59.53"

HD Diff. (m) 17.6 Accuracy (m) 7

Inspection

Date of Inspection 2022-08-29 12:54:30 PM

Inspector Name Cameron VandenBrink, EIT

Inspector Comments Serial/ID Plate

Recommended Next Inspection 2023

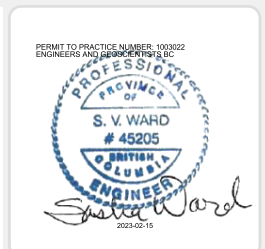
Inspection Company Chartwell Resource Group Ltd

P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 15 2023

Load rating: 27 tonne rating to persist until scour under sill repaired.

Next inspection: 2023



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

HC and sharp VC left approach. Steep grade throughout crossing

Bridge Ahead Signs

Missing

☐ 0

☐ 1

☒ 2

Brushing Required Y

Delineator Missing

Left

☒ 0

☐ 1

☐ 2

Delineator Missing

Right

☒ 0

☐ 1

☐ 2

Fender Condition Fair

Small diameter logs

Posted Load Rating 91

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills Good

Single sill both banks with no signs of crushing

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Fair

Riprap Poor

Scoured left bank and minimal rock protection remaining on right bank.

Bearings Fair

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface **Good**

Curb Rail/Blocks/Posts **Fair** Do not appear to be connected

Hand Rails/Walkouts

Hardware **Poor** Outside stringers not lashed to sill and pinning not evident

Overall Deck Condition **Fair**

Gravel Depth (mm) **600**

Pier Deck

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Steel/Concrete

Girders

Diaphragms

Bracing

Under Trussing

Hardware

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
1	Fd	Y	600	25	Fair	
2	Fd	Y	560	20	Fair	
3	Fd	Y	530	15	Fair	
4	Fd	Y	490		Fair	Assume 10-15 for mid stringers for calcs.load
5	Fd	Y	510		Fair	
6	Fd	Y	520		Fair	
7	Fd	Y	520		Fair	
8	Fd	Y	540		Fair	
9	Fd	Y	580		Fair	
10	Fd	Y	560		Fair	
11	Fd	Y	550	20	Fair	
12	Fd	Y	550	25	Fair	

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Hazards

Estimated Present Water Level Depth (m) .2 High Water ☐ Debris ☐
Estimated Present Water Level Width (m) 4 Aggradation ☐ Scour ☒
Estimated High Water Level Clearance Ic ☐

Comments Due to scour structure was down rated to L30 or 27 tonnes in 2021. Minimal to no additional scour noted so rating to stand until repairs completed.

Repairs and Monitoring

Repair Item	Repair Description
1 Substructure. Timber caps and log sills. m². Priority:High	Repair scour under left bank log sill.
2 Approach. Area/sight line brushing. m². Priority:Low	
3 Approach. Bridge Ahead Signs. # of signs. Priority:Medium	Post signage.

4

5

6

7

Item	Monitor Description	Frequency
1	Scour left bank sill. Appears to have little change from previous years inspection.	Anually

2

3



Approach from Left Bank when facing downstream



Approach from bridge deck of Left bank approach when facing downstream



Approach from bridge deck of Right bank approach when facing downstream



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Upstream Profile



Right Bank Abutment when facing downstream



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Left Bank Abutment when facing downstream