

CK-2011
CK-2011

BLUE MOUNTAIN 300 0.1km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°14'12.99"
Longitude -122°27'43.6"

Site Status Active

Insp. Status Inspect

Crossing Name Copper Creek

FSR # 5913 Branch # 2

Road Name BLUE MOUNTAIN 300

User km 0.1

Previous Load
Rating (tonnes) 10

Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Treated

Abutment Left Concrete Lock Blocks

Abutment Right Concrete Lock Blocks

Spans 1

Total Length (m) 8

Deck Width (m) 4.3

Updated Data

Latitude 49°14'12.6"
Longitude -122°27'43.06"

HD Diff. (m) 16.5 Accuracy (m) 6

Inspection

Date of Inspection 2022-09-01 2:57:44 PM

Inspector Name Cameron VandenBrink, EIT

Inspector Comments Serial/ID Plate

Recommended Next Inspection 2024

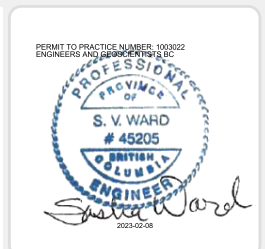
Inspection Company Chartwell Resource Group Ltd

P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 6 2022

Load rating: returns to 54 tonne rating as ties have been replaced as required from last inspection

Next inspection: 2024



PERMIT TO
PRACTICE: 1003022

CK-2011
CK-2011

BLUE MOUNTAIN 300 0.1km

2022 Inspection

CBR iPad Offline Ver 0.36



Approach

Alignment Fair

HC to woods

Bridge Ahead Signs

Missing

☐ 0

☐ 1

☒ 2

Brushing Required N

Delineator Missing

Left

☐ 0

☒ 1

☐ 2

Delineator Missing

Right

☐ 0

☐ 1

☒ 2

Fender Condition Good

Posted Load Rating

Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Blocks, one row visible behind old sill logs

Caps or Sills

Piles or Posts

Ballast Wall Good

Wing Wall

Bracing

Hardware

Fill Good

Riprap N/A

Old sill logs act as riprap

Bearings Good

Corrosion Protection

CK-2011
CK-2011

BLUE MOUNTAIN 300 0.1km

2022 Inspection

CBR iPad Offline Ver 0.36



Deck

Running Surface **Good**

Running Planks

Sub Deck **Good**

Ties **Good** Appears 2 have been recently replaced

Nails **Good**

Deck to Girder Bolts **Good**

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

CK-2011
CK-2011

BLUE MOUNTAIN 300 0.1km

2022 Inspection

CBR iPad Offline Ver 0.36



Steel/Concrete

Girders Good

All welded

Diaphragms

Bracing Good

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

CK-2011
CK-2011

BLUE MOUNTAIN 300 0.1km

2022 Inspection

CBR iPad Offline Ver 0.36



Hazards

Estimated Present Water Level Depth (m)	0	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	1.5	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Delineator maintenance. . Priority:Low	Install missing delineators
2 Structure. Add Load Rating Signs. # sites. Priority:Medium	Install due to downgraded loading. Appears to be active layout beyond.
3 Approach. Bridge Ahead Signs. # of signs. Priority:Low	Install

4

5

6

7

Item	Monitor Description	Frequency
1		
2		
3		



Approach from Left Bank when facing downstream



Approach from bridge deck of Left bank approach when facing downstream



Upstream from Crossing



Downstream from Crossing



Approach from bridge deck of Right bank approach when facing downstream



Approach from Right Bank when facing downstream



Downstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Bearing



Upstream Profile



Superstructure