

CK-2224
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PITT RIVER 23km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°42'40.5" Longitude -122°42'24.8"

Site Status Active

Insp. Status Inspect

Crossing Name Shale Creek

FSR # 8394 Branch # 1

Road Name PITT RIVER

User km 23

Previous Load Rating (tonnes) 91

Structure Class Temporary Bridge

Portable N

Superstructure Steel I-beam

Deck Type Timber - Untreated

Abutment Left Crib, Log or Untreated Timber

Abutment Right Crib, Log or Untreated Timber

Spans 1

Total Length (m) 24.4

Deck Width (m) 4.3

Updated Data

Latitude 49°42'40.19" Longitude -122°42'24.12"

HD Diff. (m) 16.8 Accuracy (m) 6

L100 or 91 tonnes

4.6

Inspection

Date of Inspection 2022-10-17 12:53:33 PM

Inspector Name Cameron VandenBrink, EIT

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

Inspector Comments Serial/ID Plate

P.Eng Comments

Replace all fenders logs with new ones, 6m long x 600mm diameter. Brush approaches and clear the rocks at the left approach prior to activity. Monitor the condition of the top face log on the right bank crib. The current load rating of L100 or 91 tonnes to continue.



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

HC and vc both approaches

Bridge Ahead Signs
Missing

☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Minor around structure

Delineator Missing
Left

☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right

☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Old rotten logs. Downstream left is boulders

Posted Load Rating

Not posted

Road Surface Fair

Minor potholes, cutslope on left approach depositing rocks onto road.

Abutment

Log/Timber Crib Fair

4x crib face logs with 30mm rot. Crack upstream right bank top crib log similar to dimension stated in 2020 report, still no crushing.

Tie Backs Fair

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall Fair

Ripped logs

Wing Wall

Bracing

Hardware Fair

Fill Good

Riprap Good

Bedrock

Bearings

Corrosion Protection

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Deck

Running Surface

Minor potholes, cutslope on left approach depositing rocks onto road.

Running Planks

Fair

Sub Deck

Fair

Creosote

Ties

Fair

Creosote

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

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Steel/Concrete

Girders Fair

Diaphragms Fair 5 bolted bays

Bracing Fair

Under Trussing

Hardware Good

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)	1.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	10	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	10	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach fenders (install). # of units. Priority:Medium	Install 600mm x 6.0m guidelogs all 4 corners
2 Approach. Area/sight line brushing. m². Priority:Low	
3 Approach. Approach surfacing grading. m. Priority:Low	Remove rocks on left approach prior to industrial activity

4

5

6

7

Item	Monitor Description	Frequency
1	Crack upstream right crib log.	Routine Inspection

2

3



Approach from Right Bank when facing downstream



Deck



Approach from bridge deck of Right bank approach when facing downstream



Upstream from Crossing



Downstream from Crossing



Approach from bridge deck of Left bank approach when facing downstream



Approach from Left Bank when facing downstream



Bearing



Superstructure



Right Bank Abutment when facing downstream



Upstream right bearing crack



Left Bank Abutment when facing downstream