

CK-2074
CK-2074B

CHIPMUNK 8.3km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°8'24.9"
Longitude -121°41'43.9"

Site Status Active

Insp. Status Inspect

Crossing Name Chipmunk Creek

FSR # 5127 Branch # 12

Road Name CHIPMUNK

User km 8.3

Previous Load
Rating (tonnes) 41

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) 17.6

Deck Width (m) 5.1

Updated Data

Latitude 0°0"
Longitude 0°0"

HD Diff. (m) 5470267.6 Accuracy (m)

Inspection

Date of Inspection 2022-07-19 10:42:29 AM

Inspector Name Cameron VandenBrink, EIT

Inspector Comments Serial/ID Plate

Recommended Next Inspection 2025

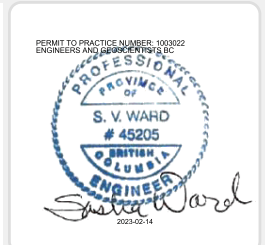
Inspection Company Chartwell Resource Group Ltd

P.Eng Comments

Load rated by: MoF Sasha Ward RPF P.Eng Feb 13 2023

Load rating: 41 tonnes

Next inspection: 2025



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

Horizontal curve both approaches

Bridge Ahead Signs
Missing ☐ 0 ☒ 1 ☐ 2

Brushing Required Y Prior to industrial activity

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good

Posted Load Rating 41000

Road Surface Fair

1.5km before bridge only passable with 4x4 vehicle. Approach requires ballast as ballast logs are exposed.

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Concrete blocks in good condition

Caps or Sills Good

Treated Timbers

Piles or Posts

Ballast Wall Fair

Logs, tops exposed require ballast on road

Wing Wall

Bracing Good

Geogrid between tiers

Hardware

Fill

Riprap

Bearings Good

Corrosion Protection

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Deck

Running Surface 1.5km before bridge only passable with 4x4 vehicle. Approach requires ballast as ballast logs are exposed.

Running Planks Fair

Sub Deck Fair Treated

Ties Fair

Nails Fair

Deck to Girder Bolts Poor Non observed on outside rail of rail car. Can not confirm, if they are present.

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair

Hand Rails/Walkouts

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

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

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Hazards

Estimated Present Water Level Depth (m)	.6	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	7	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	1.8	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach surfacing grading. m. Priority:Low	Ballast required prior to industrial activity. Access only 4x4, rec traffic for Mt. Cheam access main users.
2 Approach. Bridge Ahead Signs. # of signs. Priority:Low	Post missing signage on right bank approach
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1	Left bank appears to have slight scour pool behind large angular rock on channel. Riprap appears stable behind and well keyed in. Monitor for worsening condition. Appears to be issue at peak flows only.	Routine Inspection
2		
3		



Load Rating Sign



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



Exposed ballast log



Right Bank Abutment when facing downstream



Left bank scour



Downstream Profile



Left Bank Abutment when facing downstream



Upstream Profile



Deck