

SQ-3083
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LILLOOET SOUTH 01 3.5km

2021 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
50°31'38.6"	-123°7'10.8"
Crossing Name	Unnamed Creek
FSR #	7977
Branch #	1
Road Name	LILLOOET SOUTH 01
User km	3.5
Previous Load Rating (tonnes)	63
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)	7.4
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
50°31'38.67"	-123°7'10.53"
HD Diff. (m)	5.8
Accuracy (m)	4

Inspection

Date of Inspection 2021-09-21 2:50:47 PM

Inspector Name Greg Dohm

Recommended Next Inspection Year

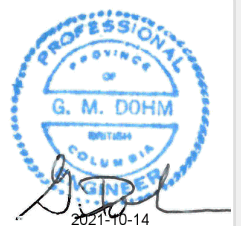
Inspection Company FLNRORD

Inspector Comments Serial/ID Plate

Conk on cross ties. Drilled and lots of rot found. Timber cross ties to be replaced. Downrate bridge load rating to 20 tonne GVW.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Oct. 14, 2021
Load Rating: 20 tonnes
Next Inspection: 2024
Comments: bridge is downrated to 20 tonnes GVW until timber deck is replaced.



P.Eng Seal

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Approach

Alignment Fair

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Posted Load Rating 63

Road Surface Fair

Abutment

Log/Timber Cribs Good

Tie Backs Good

Bin Wall

Pier

Concrete

Caps or Sills Good

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware Fair

Fill Fair

Riprap Fair

Bearings Fair

Corrosion Protection Fair

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Deck

Running Surface Fair

Running Planks Fair

Sub Deck

Ties Fair Conk on cross ties. Drilled and lots of rot found.

Nails Fair

Deck to Girder Bolts

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 Fair

Diaphragms

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)	01	High Water	☒	Debris	☐
Estimated Present Water Level Width (m)	3	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 Structure. Timber deck maintenance. # of signs. Priority:Medium	Conk on cross ties. Drilled and lots of rot found.

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Ties for rot and further conk	Routine Inspection

2

3



Approach from Left Bank when facing downstream



Deck



Approach from Right Bank when facing downstream



Downstream Profile



Upstream from Crossing



Left Bank Abutment when facing downstream



Bearing



Left Bank Abutment when facing downstream



Approach Barrier



Deck



Upstream Profile



Upstream Profile