

SQ-3083

LILLOOET SOUTH 01 3.5km

2019 Inspection

CBR iPad Offline Ver 0.31



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°31'38.72"	-123°7'9.2"
HD Diff. (m)	31.6 Accuracy (m) 5

Inspection

Date of Inspection 2019-09-18 11:52:55 AM

Inspector Name Gino Fournier

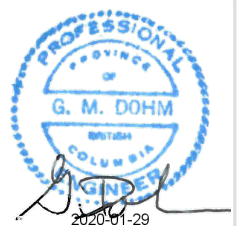
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 28, 2020
 Load Rating: BCL625 or 63 tonnes
 Next Inspection: 2021
 Comments:



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 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Fair

Posted Load Rating 63

Road Surface Good

Abutment

Log/Timber Cribs Good 3 high cw each side

Tie Backs Fair Replace ties in next 2 years. Rot starting to show, but drilled ties were still sound inside n

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills Good

Piles or Posts N/A

Ballast Wall Fair

Wing Wall N/A

Bracing N/A

Hardware N/A

Fill Good

Riprap Good

Bearings N/A

Corrosion Protection N/A

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**Deck**

Running Surface Good

Running Planks Fair 4x10, maybe 17 plank wide

Sub Deck N/A

Ties Fair 400 c/c

Nails Good

Deck to Girder Bolts Fair

Concrete Deck N/A

Grout Pockets N/A

Deck Joints N/A

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts N/A

Hardware Fair

Overall Deck Condition Fair

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders Fair

Diaphragms Fair

Bracing Fair

Under Trussing N/A

Hardware N/A

Welded/grouted
shear connectors N/A**Log**

Log Curbs N/A

Needle Beam N/A

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

Comments Looks like old debris flow stopped just upstream. This bridge could easily washout in a future debris flow as upstream fan is quite large.

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	Medium	Replace ties, deck and guardrails.

2

3

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Inlet



Upstream Profile



Ties starting to get fungus



Ties starting to get fungus



Outlet



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream