SQ-3044
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LILLOOET RIVER 01 10.4km

2021 Inspection

CBR iPad Offline Ver 0.33

CBR Data

Latitude	Longitude
50°32'10.29"	-123°4'18.7"

Crossing Name	Sampson Creek
FSR #	6123
Branch #	1
Road Name	LILLOOET RIVER 01
User km	10.4
Previous Load Rating (tonnes)	68
Structure Class	Temporary Bridge
Portable	N
Superstructure	Rail Car
Deck Type	Timber - Untreated
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	16
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
50°32'10.08"	-123°4'18.69"

HD Diff. (m)	6.8	Accuracy (m)	6

Inspection

Date of Inspection: 2021-09-21 11:40:28 AM

Recommended Next Inspection Year

Inspector Name: Greg Dohm

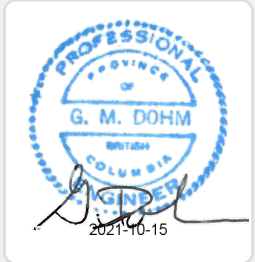
Inspection Company: FLNRORD

Inspector Comments

Serial/ID Plate

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Oct. 14, 2021
Load Rating: L75 or 68 tonnes
Next Inspection: 2023
Comments:



P.Eng Seal

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	Poor	Missing
Posted Load Rating	68	
Road Surface	Fair	

Abutment

Log/Timber Cribs	Fair	
Tie Backs	Poor	Poor on wood side. Bearing is set on sill log behind abutments
Bin Wall		
Pier		
Concrete		
Caps or Sills	Fair	
Piles or Posts		
Ballast Wall		
Wing Wall		
Bracing		
Hardware	Fair	
Fill	Fair	
Riprap	N/A	
Bearings	Fair	
Corrosion Protection	Fair	

Deck

Running Surface	Fair
Running Planks	
Sub Deck	
Ties	Fair
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	

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

Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	X	Debris	X
Estimated Present Water Level Width (m)	10	Aggradation		Scour	X
Estimated High Water Level Clearance (m)	1.7	Ice			

Comments

Repairs and Monitoring

Repair Item	Repair Description
1	
2	
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1		
2		
3		

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Downstream from Crossing

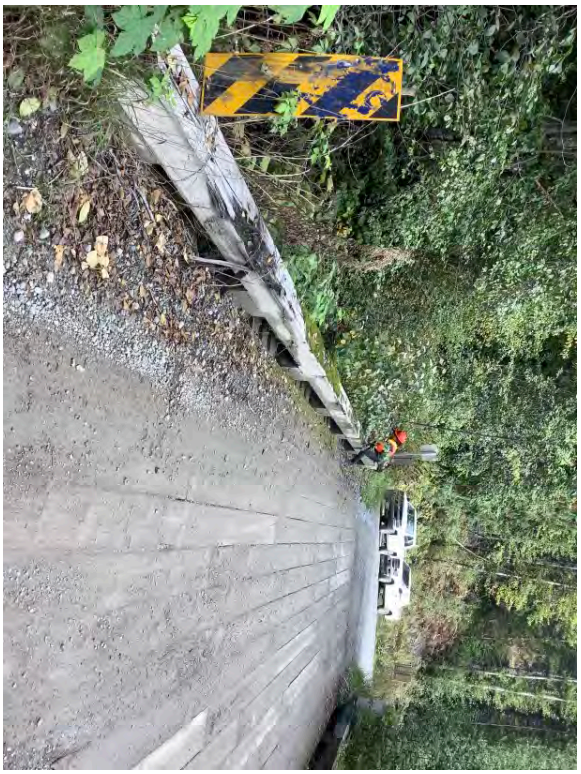
Approach from Left Bank when facing downstream

Upstream from Crossing

Deck

Approach from Right Bank when facing downstream

Guard Rail



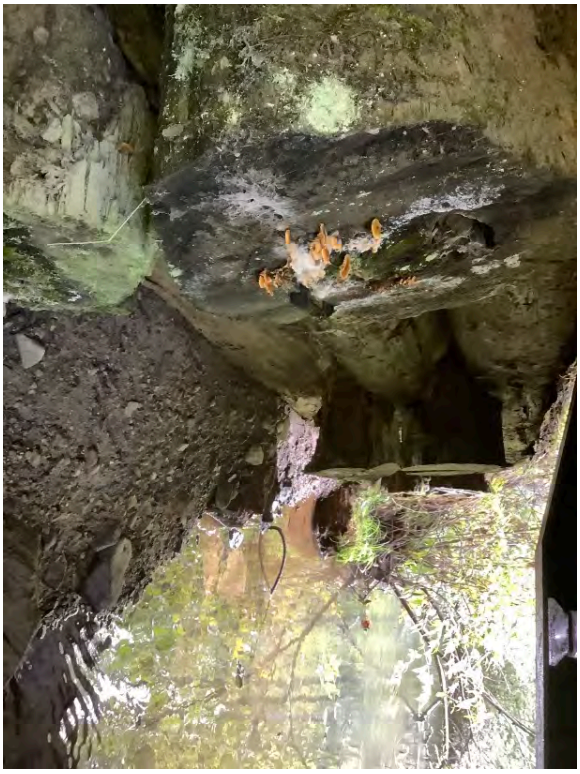
Guard Rail

Downstream from Crossing

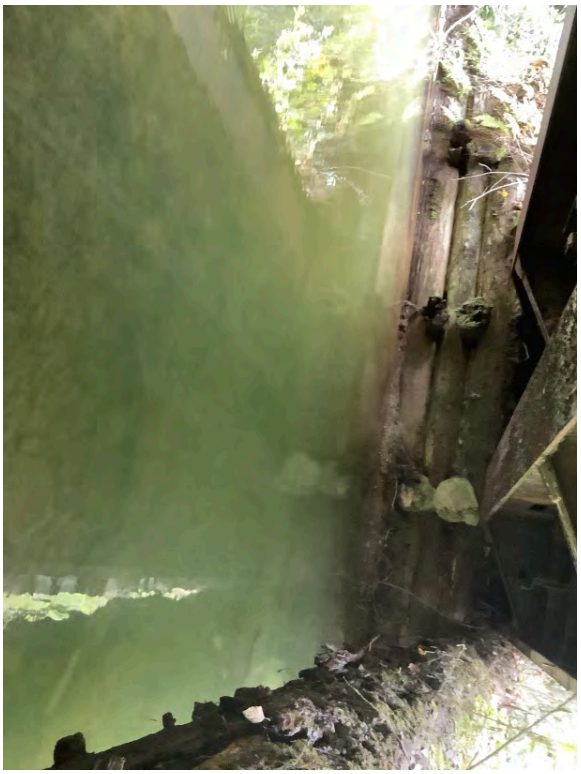
Upstream Profile

Deck

Left Bank Abutment when facing downstream



Left Bank Abutment when facing downstream

Bearing

Right Bank Abutment when facing downstream