

QC-7610

QC_LGS1000 km

2017 Inspection

CBR iPad Offline Ver



CBR Data

Latitude 53°29'52.8" Longitude -131°58'1.2"

Crossing Name Unknown

FSR # 10141 Branch # 01A

Road Name QC_LGS1000

User km

Current Load Rating (tonnes) 64

Structure Class Temporary Bridge

Portable N

Superstructure Log Stringers

Deck Type Gravel

Abutment Left Sill -Temporary Materials

Abutment Right Sill -Temporary Materials

Spans 1

Total Length (m)

Deck Width (m)

Updated Data

Latitude 53°29'53.49" Longitude -131°58'2.45"

HD Diff. (m) 31.3 Accuracy (m) 5

Temporary Bridge

N

Log Stringer

11.3

5.2

Inspection

Date of Inspection 2017-09-14 4:32:48 PM

Recommended Next Inspection Year 2018

Inspector Name Mitch Lowe

Inspection Company Onsite Engineering Ltd

Inspector Comments

May be able to upgrade with cross puncheon if load rating is affected by cracked stringer.

P.Eng Comments

Load Rated by: MFLNRO, J. Harvey, November 7, 2017

Load Rating: 64 Tonnes GVW

Next Inspection: September 1, 2020

Comments:



P.Eng Seal

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Approach

Alignment **Good**

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☒ 2

Brushing Required **N**

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition **Good**

Posted Load Rating **64** **64tonne posted limit**

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill

Riprap

Bearings

Corrosion Protection

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Deck

Running Surface

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface **Good**

Curb Rail/Blocks/Posts **Good** Timber curbs added to a second row of guard logs.

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Good**

Gravel Depth (mm) **800**

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Steel/Concrete

Serial/ID Plate

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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1	Cw	N	530	0	Good	
2	Sp	Y	590	50	Good	
3	Sp	Y	580	50	Good	
4	Sp	Y	800	50	Good	
5	Sp	Y	690	50	Good	
6	Sp	N	670	50	Good	
7	Sp	N	680	50	Poor	Stringer is cracked. Conk on river left end.
8	Sp	N	750	50	Fair	
9	Sp	N	650	50	Fair	

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Hazards

Estimated Present Water Level Depth (m)	0.6	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	4.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1	High	Reload rate structure to reflect cracked stringer 7.

2

3

Item	Monitor Description	Frequency
1	Stringer 7 is cracked and has conk at river left end.	3 mo.

2

3

Sketch
(Select Signature)