

QC-7610

QC\_LGS1000 km

2017 Inspection



CBR iPad Offline Ver

### CBR Data

Latitude	Longitude
53°29'52.8"	-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	Longitude
53°29'53.49"	-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
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	<input type="checkbox"/>	Debris	<input checked="" type="checkbox"/>
Estimated Present Water Level Width (m)	4.5	Aggradation	<input type="checkbox"/>	Scour	<input type="checkbox"/>
Estimated High Water Level Clearance (m)	0	Ice	<input type="checkbox"/>		

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)