

SQ-3122
SQ-3122A

LILLOOET WEST 34km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 50°2'54.6" Longitude -122°32'31.6"

Site Status Active

Insp. Status Inspect

Crossing Name Billy Goat Creek

FSR # 8407 Branch # 1

Road Name LILLOOET WEST

User km 34

Previous Load Rating (tonnes) 136

Structure Class Permanent Bridge

Portable N

Superstructure Steel I-beam

Deck Type Concrete Composite

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 30.5

Deck Width (m) 4.88

Updated Data

Latitude 50°2'55.38" Longitude -122°32'31.56"

HD Diff. (m) 24.2 Accuracy (m) 6

Inspection

Date of Inspection 2022-09-22 9:33:53 AM

Recommended Next Inspection 2025

Inspector Name Forrest Simpson

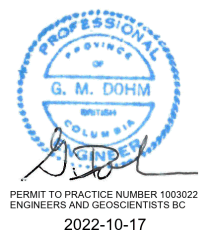
Inspection Company MoF

Inspector Comments Serial/ID Plate

Large riprap may have been moved, right bank, center, bottom of slope. Monitor.

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 5, 2022
Load Rating: L150 or 136 tonnes
Next Inspection: 2025
Comments:



PERMIT TO
PRACTICE: 1003022

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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 **None**

Road Surface **Good** Grader berm against approach barriers

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete **Good**

Caps or Sills

Piles or Posts **Good**

Ballast Wall **Good**

Wing Wall

Bracing **Good** Where visible

Hardware **Good**

Fill **Good**

Riprap **Good** Monitor right bank. Large rock may have moved.

Bearings **Good**

Corrosion Protection **Good** Where visible

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Deck

Running Surface Good Grader berm against approach barriers

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets Good

Deck Joints Good

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Good

Diaphragms Good

Bracing Good

Under Trussing

Hardware Good

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)	1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	10	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Large riprap may have been moved, right bank, center, bottom of slope. Monitor.	Routine Inspection

2

3



Approach from Left Bank when facing downstream



Deck



Approach from Right Bank when facing downstream



Deck



Upstream Profile



Upstream from Crossing



Downstream from Crossing



Left Bank Abutment when facing downstream



Superstructure



Right Bank Abutment when facing downstream



Downstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream