

SQ-3122

LILLOOET WEST 01 34km

2019 Inspection

CBR iPad Offline Ver 0.31



## CBR Data

|                               |                            |          |   |
|-------------------------------|----------------------------|----------|---|
| Latitude                      | Longitude                  |          |   |
| 50°2'54.6"                    | -122°32'31.6"              |          |   |
| Crossing Name                 | Billy Goat Creek           |          |   |
| FSR #                         | 8407                       | Branch # | 1 |
| Road Name                     | LILLOOET WEST 01           |          |   |
| 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     | Longitude      |              |   |
| 50°2'54.07"  | -122°32'31.55" |              |   |
| HD Diff. (m) | 16.3           | Accuracy (m) | 5 |

## Inspection

Date of Inspection 2019-09-17 10:22:11 AM

Inspector Name Greg Dohm

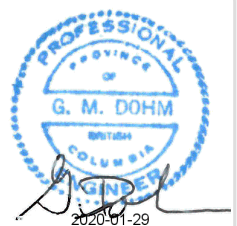
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

## P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 28, 2020  
 Load Rating: L150 or 136 tonnes  
 Next Inspection: 2022  
 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 ☐ 2

Delineator Missing  
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Excellent

Posted Load Rating

Road Surface Fair

## Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Excellent

Caps or Sills

Piles or Posts Excellent

Ballast Wall Excellent

Wing Wall

Bracing Excellent

Hardware Excellent

Fill Excellent

Riprap Excellent

Bearings Excellent

Corrosion Protection Excellent

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## Deck

Running Surface      **Excellent**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck      **Excellent**

Grout Pockets      **Excellent**

Deck Joints      **Excellent**

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts      **Excellent**

Hand Rails/Walkouts

Hardware      **Excellent**

Overall Deck Condition      **Excellent**

Gravel Depth (mm)

Pier Deck

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**Steel/Concrete**

Girders    Excellent

Diaphragms    Excellent

Bracing    Excellent

Under Trussing

Hardware    Excellent

Welded/grouted  
shear connectors**Log**

Log Curbs

Needle Beam

Needle Lashing/  
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

| Stringer<br>Number | Species | Peeled | Diameter<br>(mm) | Rot Depth<br>(mm) | Condition | Comment |
|--------------------|---------|--------|------------------|-------------------|-----------|---------|
|--------------------|---------|--------|------------------|-------------------|-----------|---------|

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## Hazards

|                                          |    |             |                          |        |                                     |
|------------------------------------------|----|-------------|--------------------------|--------|-------------------------------------|
| Estimated Present Water Level Depth (m)  | .5 | High Water  | <input type="checkbox"/> | Debris | <input type="checkbox"/>            |
| Estimated Present Water Level Width (m)  | 9  | Aggradation | <input type="checkbox"/> | Scour  | <input checked="" type="checkbox"/> |
| Estimated High Water Level Clearance (m) | 5  | Ice         | <input type="checkbox"/> |        |                                     |

Comments

## Repairs and Monitoring

| Repair Item | Priority | Repair Description |
|-------------|----------|--------------------|
|-------------|----------|--------------------|

1

2

3

| Item | Monitor Description | Frequency |
|------|---------------------|-----------|
|------|---------------------|-----------|

1

2

3

Sketch  
(Select Signature)



Approach from Right Bank when facing downstream



Deck



Upstream from Crossing



Approach from Left Bank when facing downstream



Downstream from Crossing



Downstream Profile



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Upstream Profile