

SQ-3144
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SQUAMISH RIVER 41.8km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°58'29.89"
Longitude -123°18'20.6"

Site Status Active

Insp. Status Inspect

Crossing Name Chuck - Chuck

FSR # 9160 Branch # 1

Road Name SQUAMISH RIVER

User km 41.8

Previous Load
Rating (tonnes) 68

Structure Class Temporary Bridge

Portable N

Superstructure Rail Car

Deck Type Timber - Untreated

Abutment Left Pile -Permanent Materials

Abutment Right Pile -Permanent Materials

Spans 1

Total Length (m) 15.6

Deck Width (m) 4.9

Updated Data

Latitude °0'0"
Longitude °0'0"

HD Diff. (m) 5563188.4 Accuracy (m)

Inspection

Date of Inspection 2022-09-26 12:29:21 PM

Inspector Name Mitch Lowe

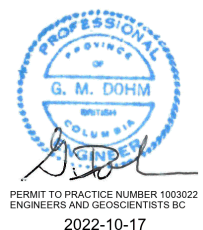
Inspector Comments Serial/ID Plate

Recommended Next Inspection 2024

Inspection Company MoF

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 14, 2022
Load Rating: L75 or 68 tonnes
Next Inspection: 2024
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 **68**

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills **Good**

Piles or Posts **Poor** Old and rotten wood piles in front of steel H-piles

Ballast Wall **Good**

Wing Wall

Bracing

Hardware

Fill **Fair**

Riprap **Poor** Riprap behind piles

Bearings **Good**

Corrosion Protection

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Deck

Running Surface **Good**

Running Planks

Sub Deck **Poor** Old sub deck below ties.

Ties **Good**

Nails **Good**

Deck to Girder Bolts **Poor** Not present other than timber washers through rails

Concrete Deck

Grout Pockets

Deck Joints

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders Fair

Diaphragms Fair

Bracing Fair

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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Hazards

Estimated Present Water Level Depth (m)

High Water ☐

Debris ☐

Estimated Present Water Level Width (m)

Aggradation ☐

Scour ☒

Estimated High Water Level Clearance

Ic ☐

Comments

Repairs and Monitoring

Repair Item

Repair Description

1

2

3

4

5

6

7

Item

Monitor Description

Frequency

1 Monitor riprap behind old piles.

Routine Inspection

2

3



Approach from Left Bank when facing downstream



Deck



Approach from Right Bank when facing downstream



Right Bank Abutment when facing downstream



Bearing



Superstructure



Approach from Left Bank when facing downstream