

SQ-3227
SQ-3227-A

IN-SHUCK-CH 28.2km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 50°6'14.69" Longitude -122°31'45.6"

Site Status Active

Insp. Status Inspect

Crossing Name Tributary to Lillooet Lake

FSR # 7343 Branch # 1

Road Name IN-SHUCK-CH

User km 28.2

Previous Load Rating (tonnes) 136

Structure Class Permanent Bridge

Portable N

Superstructure Concrete Slab Girders

Deck Type Concrete

Abutment Left Steel Pipe and Precast Pad

Abutment Right Steel Pipe and Precast Pad

Spans 1

Total Length (m) 10.8

Deck Width (m) 8

Updated Data

Latitude 50°6'14.58" Longitude -122°31'45.61"

HD Diff. (m) 3.7 Accuracy (m) 7

Inspection

Date of Inspection 2022-09-22 10:10:27 AM

Inspector Name Forrest Simpson

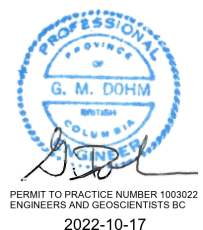
Inspector Comments Serial/ID Plate

Recommended Next Inspection 2025

Inspection Company MoF

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 14, 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 Double wide bridge, not necessary

Brushing Required **Y** Minor brushing

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition **Good**

Posted Load Rating

Road Surface **Good** Grader berm against barriers

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete **Good**

Caps or Sills **Good**

Piles or Posts **Unrated** Not visible

Ballast Wall **Good**

Wing Wall

Bracing **Unrated** Not visible

Hardware

Fill **Good**

Riprap **Good**

Bearings **Good**

Corrosion Protection **Unrated** Not visible

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Deck

Running Surface Good Grader berm against barriers

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets

Deck Joints Fair Paraseal wearing in places

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Good W-beam

Hand Rails/Walkouts

Hardware Good

Overall Deck Condition Good

Gravel Depth (mm)

Pier Deck

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Steel/Concrete

Girders **Good**

Diaphragms

Bracing

Under Trussing

Hardware

Welded/grouted
shear connectors **Good**

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) .2

High Water ☐

Debris ☐

Estimated Present Water Level Width (m) 5

Aggradation ☐

Scour ☒

Estimated High Water Level Clearance 1.5

Ic ☐

Comments Scour upstream from crossing

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item	Monitor Description	Frequency
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1

2

3



Approach from Right Bank when facing downstream



Deck



Approach from Left Bank when facing downstream



Upstream Profile



Upstream from Crossing



Right Bank Abutment when facing downstream



Left Bank Abutment when facing downstream



Superstructure



Superstructure



Downstream Profile