

SC-8661
SC-8661

RAINY RIVER 0.1km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°35'.39" Longitude -123°30'56.4"

Site Status Active

Insp. Status Inspect

Crossing Name Tetra Creek

FSR # 7590 Branch # 2

Road Name RAINY RIVER

User km 0.1

Previous Load Rating (tonnes) 150

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) 33.5

Deck Width (m) 4.88

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5519603.7 Accuracy (m)

Inspection

Date of Inspection 2022-11-08 10:42:37 AM

Inspector Name Richard Mills

Inspector Comments Serial/ID Plate

Recommended Next Inspection 2025

Inspection Company MoF

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Jan 23, 2023
Load Rating: L165 or 150 tonnes
Next Inspection: 2025



PERMIT TO PRACTICE: 1003022

SC-8661
SC-8661

RAINY RIVER 0.1km

2022 Inspection

CBR iPad Offline Ver 0.36



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

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete **Good**

Caps or Sills **Good**

Piles or Posts **Good**

Ballast Wall **Good**

Wing Wall

Bracing **Good**

Hardware **Good**

Fill **Good**

Riprap **Good**

Bearings **Good**

Corrosion Protection **Good**

SC-8661
SC-8661

RAINY RIVER 0.1km

2022 Inspection

CBR iPad Offline Ver 0.36



Deck

Running Surface **Good**

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck

Grout Pockets **Unrated** Unable to see

Deck Joints **Good** From below

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts **Good**

Hand Rails/Walkouts

Hardware **Good**

Overall Deck Condition **Good**

Gravel Depth (mm)

Pier Deck

SC-8661
SC-8661

RAINY RIVER 0.1km

2022 Inspection

CBR iPad Offline Ver 0.36



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
--------------------	---------	--------	------------------	-------------------	-----------	---------

SC-8661
SC-8661

RAINY RIVER 0.1km

2022 Inspection

CBR iPad Offline Ver 0.36



Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	3.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	5	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
-------------	--------------------

1

2

3

4

5

6

7

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

1

2

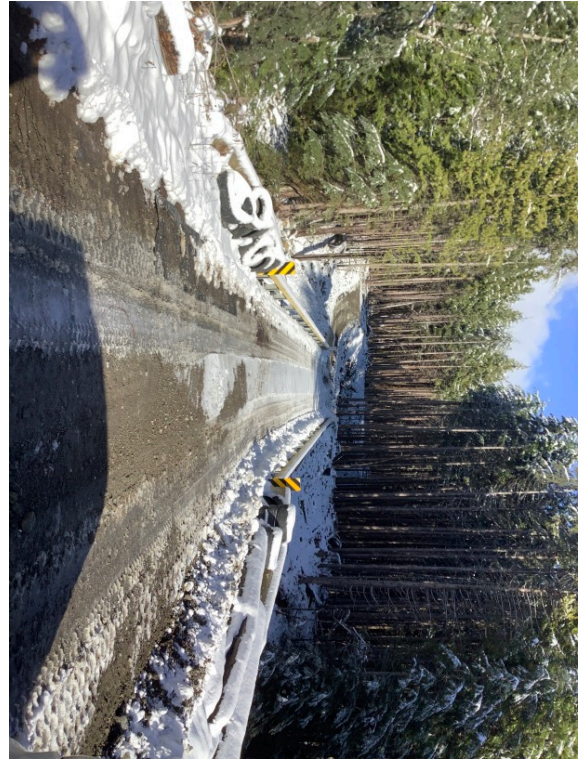
3

SC-8661
SC-8661

RAINY RIVER 0.1km

2022 Inspection

CBR iPad Offline Ver 0.36



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Structure ID



Upstream Profile

SC-8661
SC-8661

RAINY RIVER 0.1km

2022 Inspection

CBR iPad Offline Ver 0.36



Downstream Profile



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream