

SQ-3108
SQ-3108A

BLACKWATER CREEK 12km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 50°34'8.78"
Longitude -122°39'3.32"

Site Status Active

Insp. Status Inspect

Crossing Name Phelix Creek

FSR # 8354 Branch # 1

Road Name BLACKWATER CREEK

User km 12

Previous Load
Rating (tonnes) 62

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) 18.2

Deck Width (m) 4.3

Updated Data

Latitude °0'0"
Longitude °0'0"

HD Diff. (m) 5629327.1 Accuracy (m)

Inspection

Date of Inspection 2022-09-28 10:24:25 AM

Inspector Name Forrest Simpson

Inspector Comments Serial/ID Plate

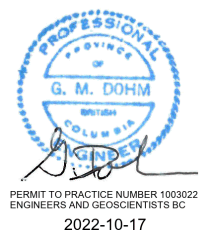
Access to prov. park. High public use. Replace damaged riser.

Recommended Next Inspection 2025

Inspection Company MoF

P.Eng Comments

Load Rated by: MOF, Greg Dohm, PEng., Oct. 5, 2022
Load Rating: BCL625 or 62 tonnes
Next Inspection: 2023
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 62

Road Surface Good

Minor potholes right bank approach

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete Good

Caps or Sills

Piles or Posts Good

Ballast Wall Good

Wing Wall

Bracing

Hardware Good

Fill Good

Riprap Fair Well sloped and locked, but not keyed in below stream grade

Bearings Good

Corrosion Protection Good

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Deck

Running Surface Good Minor potholes right bank aproach

Running Planks

Sub Deck

Ties

Nails

Deck to Girder Bolts

Concrete Deck Good

Grout Pockets Unrated Covered in fill

Deck Joints Good Well brouted

Steel Deck Plate

Gravel Surface

Curb Rail/Blocks/Posts Fair Wood Rails, solid. Replace single riser

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) .3

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
1 Structure. Curb Maintenance. 1 # sites. Priority:High	Replace damaged riser block. Single.

2

3

4

5

6

7

Item

Monitor Description

Frequency

1

2

3



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Approach from Left Bank when facing downstream



Deck



Guard Rail



Deck



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Approach from Right Bank when facing downstream



Left Bank Abutment when facing downstream



Upstream from Crossing



Right Bank Abutment when facing downstream



Right Bank Abutment when facing downstream



Downstream Profile



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream

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Superstructure



Downstream from Crossing