SQ-3055
SQ-3055

BROHM CREEK 3.3km

2022 Inspection

CBR iPad Offline Ver 0.36

CBR Data

Latitude	Longitude
49°49'58.8"	-123°7'18.2"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Brohm Creek Trib.
FSR #	6527
Branch #	2
Road Name	BROHM CREEK
User km	3.3
Previous Load Rating (tonnes)	68
Structure Class	Temporary Bridge
Portable	N
Superstructure	Rail Car
Deck Type	Timber - Untreated
Abutment Left	Concrete Lock Blocks
Abutment Right	Concrete Lock Blocks
Spans	1
Total Length (m)	17.2
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5547384.2	Accuracy (m)	

Inspection

Date of Inspection	2022-09-26 4:22:45 PM	Recommended Next Inspection	2024
Inspector Name	Mitch Lowe	Inspection Company	MoF

Inspector Comments

Serial/ID Plate

P.Eng Comments

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

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
G. M. DOHM

PERMIT TO PRACTICE NUMBER 1003022
ENGINEERS AND GEOSCIENTISTS BC
2022-10-17

PERMIT TO PRACTICE: 1003022

Approach

Alignment	Fair	
Bridge Ahead Signs Missing	• 0 ○ 1 ○ 2	Not required low speed road.
Brushing Required	N	
Delineator Missing Left	• 0 ○ 1 ○ 2	
Delineator Missing Right	• 0 ○ 1 ○ 2	
Fender Condition	Fair	
Posted Load Rating	68	
Road Surface	Fair	

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Pier		
Concrete	Fair	
Caps or Sills	Fair	
Piles or Posts		
Ballast Wall	Fair	
Wing Wall		
Bracing		
Hardware		
Fill		
Riprap	Poor	Well above stream bottom. Potential for degradation.
Bearings	Fair	
Corrosion Protection		

Deck

Running Surface	
Running Planks	Fair
Sub Deck	Fair
Ties	Fair
Nails	Fair
Deck to Girder Bolts	
Concrete Deck	
Grout Pockets	
Deck Joints	
Steel Deck Plate	
Gravel Surface	
Curb Rail/Blocks/Posts	Fair
Hand Rails/Walkouts	
Hardware	
Overall Deck Condition	
Gravel Depth (mm)	
Pier Deck	

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

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 for erosion.	Routine Inspection
2		
3		

BRITISH COLUMBIA

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Approach from Left Bank when facing downstream

Approach from Left Bank when facing downstream

Deck

Upstream Profile

Left Bank Abutment when facing downstream

Right Bank Abutment when facing downstream