CK-2453
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NORRISH 7.4km

2022 Inspection

CBR iPad Offline Ver 0.36

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°14'9.09"	-122°7'56.7"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Norrish Creek
FSR #	10326
Branch #	1
Road Name	NORRISH
User km	7.4
Previous Load Rating (tonnes)	91
Structure Class	Temporary Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Timber - Untreated
Abutment Left	Sill -Temporary Materials
Abutment Right	Sill -Temporary Materials
Spans	1
Total Length (m)	24.4
Deck Width (m)	4.8

Updated Data

Latitude	Longitude
49°14'9.07"	-122°7'56.18"

HD Diff. (m)	10.5	Accuracy (m)	7

Inspection

Date of Inspection: 2022-10-21 10:58:09 AM

Inspector Name: Cameron VandenBrink, EIT

Inspector Comments: Serial/ID Plate

Recommended Next Inspection: 2024

Inspection Company: Chartwell Resource Group Ltd

P.Eng Comments

Load Rated by: MoF, M.Lowe, RPF, PEng, February 16, 2023
Load Rating: 91 Tonnes GVW, L-100
Next Inspection: September 1, 2024
Comments: No issues

PERMIT TO PRACTICE: 1003022

Approach

Alignment	Fair	HC right approach
Bridge Ahead Signs Missing	○ 0 ● 1 ○ 2	Left approach missing
Brushing Required	Y	Minor around fenders
Delineator Missing Left	● 0 ○ 1 ○ 2	
Delineator Missing Right	● 0 ○ 1 ○ 2	
Fender Condition	Good	
Posted Load Rating		90680
Road Surface	Fair	Potholes each end of structure

Abutment

Log/Timber Cribs		
Tie Backs		
Bin Wall		
Pier		
Concrete		
Caps or Sills	Fair	Single sill
Piles or Posts		
Ballast Wall	Fair	Ballast logs
Wing Wall		
Bracing		
Hardware		
Fill	Fair	Ravelling below fill retainment logs on both sides.
Riprap	N/A	Bed rock
Bearings	Fair	
Corrosion Protection		

Deck

Running Surface		Potholes each end of structure
Running Planks	Good	Sediment accumulating on deck
Sub Deck	Fair	
Ties	Fair	
Nails	Good	
Deck to Girder Bolts	Good	
Concrete Deck		
Grout Pockets		
Deck Joints		
Steel Deck Plate		
Gravel Surface		
Curb Rail/Blocks/Posts	Fair	Slightly loose. All hardware present, likely due to age
Hand Rails/Walkouts		
Hardware	Good	
Overall Deck Condition	Fair	Water runs onto deck from left approach.
Gravel Depth (mm)		
Pier Deck		

Steel/Concrete

Girders	Fair	Painted superstructure
Diaphragms	Fair	4 welded bays
Bracing	Fair	
Under Trussing		
Hardware	Fair	
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)	2	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	15	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance	10	Ic ☐	

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1	Approach. Bridge Ahead Signs. # of signs. Priority:Low	Left approach
2		
3		
4		
5		
6		
7		

	Item	Monitor Description	Frequency
1	Erosion on both banks		Routine Inspection
2			
3			

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Approach from Left Bank when facing downstream

Upstream from Crossing

Downstream from Crossing

Approach from bridge deck of Left bank approach when facing downstream

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Approach from bridge deck of Right bank approach when facing downstream

Load Rating Sign

Approach from Right Bank when facing downstream

Downstream Profile

Left Bank Abutment when facing downstream

Bearing

Deck

Right Bank Abutment when facing downstream