SC-8610
SC-8610A

DUCK LAKE 0.15km

2022 Inspection

CBR iPad Offline Ver

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°52'9.18"	-124°28'19"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Unknown
FSR #	3477
Branch #	1
Road Name	DUCK LAKE
User km	0.15
Previous Load Rating (tonnes)	150
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)	12
Deck Width (m)	6.5

Updated Data

Latitude	Longitude
49°52'8.9"	-124°28'18.7"

HD Diff. (m)	10.6	Accuracy (m)	5

Inspection

Date of Inspection: 2022-07-26 7:19:48 AM

Inspector Name: Jonathon Harvey

Recommended Next Inspection: 2025

Inspection Company: MoF

Inspector Comments: Serial/ID Plate

Will require brushing in 2 years maximum

P.Eng Comments

Load Rated by: MoF, J. Harvey P.Eng., November 2022
Load Rating: 150 Tonnes GVW
Next Inspection Year: 2025
Comments:

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. E. HARVEY
33433

2023-01-05

PERMIT TO PRACTICE: 1003022

Approach

Alignment	Good	
Bridge Ahead Signs Missing	• 0 ○ 1 ○ 2	
Brushing Required	N	Will require brushing in 2 years maximum
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	N/A
Tie Backs	N/A
Bin Wall	N/A
Pier	N/A
Concrete	Good
Caps or Sills	Good
Piles or Posts	Good
Ballast Wall	Good
Wing Wall	N/A
Bracing	N/A
Hardware	Good
Fill	Good
Riprap	Fair
Bearings	Good
Corrosion Protection	Good

Deck

Running Surface	Good	
Running Planks	N/A	
Sub Deck	N/A	
Ties	N/A	
Nails	N/A	
Deck to Girder Bolts	N/A	
Concrete Deck	Unrated	Covered in gravel
Grout Pockets	N/A	
Deck Joints	Unrated	Covered in gravel
Steel Deck Plate	N/A	
Gravel Surface	N/A	
Curb Rail/Blocks/Posts	Good	Treated timber
Hand Rails/Walkouts	N/A	
Hardware	Good	
Overall Deck Condition	Good	
Gravel Depth (mm)		
Pier Deck	N/A	

Steel/Concrete

Girders	Good	
Diaphragms	N/A	
Bracing	N/A	
Under Trussing	N/A	
Hardware	Good	
Welded/grouted shear connectors	Unrated	Covered in gravel

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)	0.1	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	4.0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance	3.0	Ic ☐	

Comments

Repairs and Monitoring

Repair Item	Repair Description
1	
2	
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1		
2		
3		

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Approach from Left Bank when facing downstream

Approach from Right Bank when facing downstream

Deck

Guard Rail

Upstream from Crossing

Right Bank Abutment when facing downstream

Downstream from Crossing

Left Bank Abutment when facing downstream

Upstream Profile

Superstructure

Structure ID