CK-2531
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HARRISON EAST 48.2km

2022 Inspection

CBR iPad Offline Ver 0.36

BRITISH COLUMBIA

CBR Data

Latitude	Longitude
49°42'54.5"	-121°51'4.2"

Site Status	Active
Insp. Status	Inspect
Crossing Name	unknown
FSR #	5748
Branch #	1
Road Name	HARRISON EAST
User km	48.2
Previous Load Rating (tonnes)	136
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2000
Opening Width (mm)	2000
Inlet Cover (mm)	1100
Outlet Cover (mm)	1400
Culvert Gradient %	2
Culvert Length (m)	22

Updated Data

Latitude	Longitude
49°42'54.7"	-121°51'4.01"

HD Diff. (m)	7.3	Accuracy (m)	7

Inspection

Date of Inspection: 2022-08-29 12:17:45 PM

Inspector Name: Cameron VandenBrink, EIT

Recommended Next Inspection

Inspection Company: Chartwell Resource Group Ltd

Inspector Comments

P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 17 2023
Load rating: 136 tonnes
Comments: should be inspected again in 2023, and ensure cover over pipe is measured in order to confirm load rating.
Next inspection: 2023

PERMIT TO PRACTICE: 1003022

Approach

Alignment: Good

Bridge Ahead Signs Missing: ○ 0 ○ 1 ○ 2

Brushing Required:

Delineator Missing Left: ○ 0 ○ 1 ○ 2

Delineator Missing Right: ○ 0 ○ 1 ○ 2

Fender Condition:

Posted Load Rating:

Road Surface: Good

Abutment

Log/Timber Cribs:

Tie Backs:

Bin Wall:

Pier:

Concrete:

Caps or Sills:

Piles or Posts:

Ballast Wall:

Wing Wall:

Bracing:

Hardware:

Fill: Good

Riprap: Good

Bearings:

Corrosion Protection:

Culvert

Baffles		
Bolted Connections		
Coating	Fair	Floor rusting
Coupled Connections	Good	
Embedment Materials		
Fill	Good	
Floor	Fair	Rusting
Footing		
Head Walls		
Inlet	Good	
Outlet	Good	
Overall	Good	
Rip Rap	Good	
Roof	Good	
Sidewalls	Good	
Trash Rack		
Weirs/Backwater Structures		
Wing Walls		

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	High Water ☐	Debris ☐
Estimated Present Water Level Width (m)	0	Aggradation ☐	Scour ☐
Estimated High Water Level Clearance	1.7	Ic ☐	

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1		
2		
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1		
2		
3		

Culvert Floor

Upstream from Crossing

Downstream from Crossing

Inlet

Outlet

Running surface over culvert