

CK-2125
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HARRISON EAST 71km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°49'56.6"
Longitude -121°45'29.4"

Site Status Active

Insp. Status Inspect

Crossing Name Not Known

FSR # 5748 Branch # 1

Road Name HARRISON EAST

User km 71

Previous Load
Rating (tonnes) 136

Structure Class Major Culvert

Culvert Type Round

Culvert Material Corrugated Steel

Opening Height (mm) 1800

Opening Width (mm) 1800

Inlet Cover (mm) 5000

Outlet Cover (mm) 8000

Culvert Gradient % 8

Culvert Length (m) 25

Updated Data

Latitude 49°49'56.06"
Longitude -121°45'29.46"

HD Diff. (m) 16.6 Accuracy (m) 6

Inspection

Date of Inspection 2022-08-29

Inspector Name Cameron VandenBrink, EIT

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

Inspector Comments

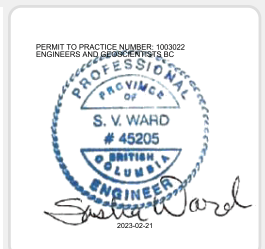
P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng Feb 17 2023

Load rating: 136 tonnes, L150

Comments: monitor for debris build up at inlet, high risk of plugging.

Next inspection: 2024



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

Posted Load Rating

Road Surface **Fair**

Appears to have puddles on running surface. Crowning road recommended.

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill **Fair** grading to control surface water on road, some fill movement on upstream fill slope.

Riprap **Good**

Bearings

Corrosion Protection

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Culvert

Baffles

Bolted Connections

Coating Fair

Coupled Connections Unrated Could not see couples, pipe appears straight with no bends

Embedment Materials

Fill Fair grading to control surface water on road, some fill movement on upstream fill slope.

Floor Fair

Footing

Head Walls

Inlet Fair Bent, increased risk of plugging

Outlet Good

Overall Fair

Rip Rap Good

Roof Good

Sidewalls Good

Trash Rack

Weirs/Backwater
Structures

Wing Walls

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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) .7

Aggradation ☐

Scour ☐

Estimated High Water Level Clearance .9

Ic ☐

Comments Bent inlet increases risk of plugging. Monitor upstream fill slope for continued erosion. Road to crossing is 4x4 access only.

Repairs and Monitoring

Repair Item	Repair Description
1 Approach. Approach surfacing grading. m. Priority:Low	Grade to control surface water

2

3

4

5

6

7

Item	Monitor Description	Frequency
1 Upstream fill slop		Routine Inspection

2

3



Upstream from Crossing



Downstream from Crossing



Road over culvert



Inlet



Debris guard



Culvert Floor



Outlet



Fill slope instability