

QC-7023

MORESBY 1.7km

2019 Inspection

CBR iPad Offline Ver



CBR Data

Latitude	Longitude		
53°6'23.29"	-132°2'19.4"		
Crossing Name	Unknown		
FSR #	10308	Branch #	01
Road Name	MORESBY		
User km	1.7		
Previous Load Rating (tonnes)	150		
Structure Class	Major Culvert		
Culvert Type	Open Bottom		
Culvert Material	Corrugated Steel		
Opening Height (mm)	1100		
Opening Width (mm)	2100		
Inlet Cover (mm)	35		
Outlet Cover (mm)	75		
Culvert Gradient %	5		
Culvert Length (m)	7.3		

Updated Data

Latitude	Longitude		
53°6'21.91"	-132°2'24.59"		
HD Diff. (m)	105.5	Accuracy (m)	5
350			
600			
7.6			

Inspection

Date of Inspection 2019-09-14 11:27:05 AM

Inspector Name Lindsey McGill

Recommended Next Inspection Year 2022

Inspection Company Chartwell Consultants Ltd.

Inspector Comments

Coordinates have been updated.

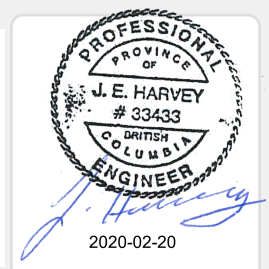
P.Eng Comments

Load Rated by: FLNRORD, J. Harvey P.Eng., February 11, 2020

Load Rating: 150 Tonnes GVW

Next Inspection: September 1, 2021

Comments:



P.Eng Seal

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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 Unrated Add guidelogs

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 N/A

Bracing

Hardware

Fill Good

Riprap Fair

Bearings

Corrosion Protection

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**Culvert**

Baffles N/A

Bolted Connections Good

Coating Fair Minor corrosion in places

Coupled Connections Good

Embedment Materials N/A

Fill Good

Floor Good

Footing Fair Perched footing and subject to scour, although none present due to limited flows.

Head Walls Good

Inlet Good

Outlet Good

Overall Good

Rip Rap Fair

Roof Good

Sidewalls Good

Trash Rack N/A

Weirs/Backwater Structures N/A

Wing Walls N/A

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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) .05

High Water ☐Debris ☐

Estimated Present Water Level Width (m) .5

Aggradation ☐Scour ☐

Estimated High Water Level Clearance (m) 1.2

Ice ☐

Comments

Repairs and Monitoring

Repair

Item Priority

Repair Description

1 Medium Add guidelogs on both sides of road above arch.

2

3

Item

Monitor Description

Frequency

1

2

3

Sketch
(Select Signature)

Left Bank Abutment when facing downstream



Upstream Profile



Downstream Profile



Right Bank Abutment when facing downstream





Downstream from Crossing



Upstream from Crossing



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream