

QC-7026

MORESBY 3.8km

2015 Inspection



CBR iPad Offline Ver 0.20

CBR Data

Latitude	Longitude		
53°5'48.5"	-132°3'38.3"		
Crossing Name	12		
FSR #	10308	Branch #	01
Road Name	MORESBY		
User km	3.8		
Current Load Rating (tonnes)	150		
Structure Class	Major Culvert		
Culvert Type	Open Bottom		
Culvert Material	Corrugated Steel		
Opening Height (mm)	1200		
Opening Width (mm)	2100		
Inlet Cover (mm)	300		
Outlet Cover (mm)	400		
Culvert Gradient %	5		
Culvert Length (m)	7.3		

Updated Data

Latitude	Longitude	
°0'0"	-132°3'38.3"	
HD Diff. (m)	5910709.4	Accuracy (m)

1100

Inspection

Date of Inspection 2015-07-07 3:10 PM

Inspector Name Rick MacDonald

Inspection Company Chartwell Consultants Ltd.

Inspector Comments

Mini-Span IV structure. Min. Cover for L-165 is 250 mm.

P.Eng Comments

Load Rated By: MFLNRO, Richard Mills P.Eng., Dec 1, 2015

Load Rating: L165 or 150 tonnes

Next Inspection: Sept 1, 2018

P.Eng Seal

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Approach

Alignment **Good**

Bridge Ahead Signs Missing 0 1 2

Brushing Required **Y** Rush encroaching on road from around structure

Delineator Missing Left 0 1 2

Delineator Missing Right 0 1 2

Fender Condition **None**

Posted Load Rating **None posted**

Road Surface **Good**

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall **N/A**

Bracing

Hardware

Fill **Good**

Riprap **Fair**

Bearings

Corrosion Protection

Culvert

Baffles	N/A	
Bolted Connections	Good	
Coating	Fair	Painted
Coupled Connections	N/A	
Embedment Materials	N/A	
Fill	Good	
Floor		N/A
Footing	Fair	Steel footing protected with small riprap
Head Walls	Fair	Steel
Inlet	Good	
Outlet	Good	
Overall	Fair	
Rip Rap	Fair	
Roof	Fair	
Sidewalls	Fair	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	

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Hazards

Estimated Present Water Level Depth (m)	0.02	High Water	<input type="checkbox"/>	Debris	<input checked="" type="checkbox"/>
Estimated Present Water Level Width (m)	0.65	Aggradation	<input type="checkbox"/>	Scour	<input checked="" type="checkbox"/>
Estimated High Water Level Clearance (m)	0.7	Ice	<input type="checkbox"/>		

Comments Risk of scour of footings.

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		

2

3

Item	Monitor Description	Frequency
1		

2

3

Sketch
(Select Signature)

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Approach from Left Bank when facing downstream



Outlet



Inlet



Footing riprap

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Arch structure



Approach from Right Bank when facing downstream