

CK-2321
CK-2321A

BLUE MOUNTAIN 300 2.2km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°14'28.7"	-122°28'45.7"
Crossing Name	Martyn Creek 2
FSR #	5913
Branch #	2
Road Name	BLUE MOUNTAIN 300
User km	2.2
Previous Load Rating (tonnes)	64
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Steel (non-corrugated)
Opening Height (mm)	700
Opening Width (mm)	700
Inlet Cover (mm)	0
Outlet Cover (mm)	0
Culvert Gradient %	
Culvert Length (m)	9

Updated Data

Latitude	Longitude
49°14'29.06"	-122°28'45.45"
HD Diff. (m)	12.1
Accuracy (m)	5

BCL-625 or 64 tonnes

Inspection

Date of Inspection 2020-06-11 10:16:34 AM

Inspector Name Tyson Miller

Recommended Next Inspection Year 2023

Inspection Company FLNRORD

Inspector Comments

3 - 670mm diameter heavy gauge steel pipes
Modified ford

P.Eng Comments

Add 300mm gravel surfacing prior to industrial activity. Remove debris accumulations at the inlet. Send record drawings and crossing assurance statements to the Coast Engineering Group. The current load rating of BCL-625 or 64 tonnes to continue.



2020-12-02

P.Eng Seal

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Approach

Alignment Fair

HC and VC both approaches

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2 NA

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2 NA

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2 NA

Fender Condition NA

Posted Load Rating Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill

Riprap

Bearings

Corrosion Protection

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Culvert

Baffles

Bolted Connections

Coating

Coupled Connections

Embedment Materials

Fill Poor Very little over culverts

Floor Fair

Footing

Head Walls

Inlet Fair Monitor aggrading material and remove debris accumulations

Outlet Fair

Overall Fair

Rip Rap Good

Roof Fair

Sidewalls Fair

Trash Rack

Weirs/Backwater
Structures

Wing Walls

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Hazards

Estimated Present Water Level Depth (m)	0.3	High Water	☒	Debris	☒
Estimated Present Water Level Width (m)	4.0	Aggradation	☒	Scour	☐
Estimated High Water Level Clearance (m)		Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
1 High	add 300mm gravel surfacing
2 Medium	remove debris accumulations
3	
4	
5	
6	
7	

Item	Monitor Description	Frequency
1 Inlet aggradation		Routine Inspection
2		
3		



Approach from Right Bank when facing downstream



Approach from Right Bank when facing downstream



Upstream from Crossing



Downstream from Crossing



Approach from Left Bank when facing downstream



Outlet



Inlet



Debris accumulations at inlet