

CK-2450

NORRISH CREEK 5.1km

2018 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°13'9.23"	-122°8'52.4"
Crossing Name	Unknown
FSR #	10326
Branch #	1
Road Name	NORRISH CREEK
User km	5.1
Current Load Rating (tonnes)	63
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2200
Opening Width (mm)	2200
Inlet Cover (mm)	300
Outlet Cover (mm)	400
Culvert Gradient %	5
Culvert Length (m)	8

Updated Data

Latitude	Longitude
49°13'8.28"	-122°8'52.82"
HD Diff. (m)	30.8
Accuracy (m)	10
BCL-625 or 63 tonnes	
9	

Inspection

Date of Inspection 2018-08-21 8:37:38 AM

Recommended Next Inspection Year 2019

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

There aren't any indications that that the riprap slope at downstream right bank has moved since last inspection. No indication that the large log retaining fill has moved either. Continue to monitor.

P.Eng Comments

Continue to monitor the log retaining the road fill below the outlet of the culvert. Consider replacing the fill retaining log with permanent materials or replace the entire structure. Current load rating of BCL-625 or 63 tonnes to continue.



P.Eng Seal

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Approach

Alignment Fair

HC 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

Posted Load Rating

Not posted

Road Surface Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

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

Fair

Coupled Connections

Embedment Materials

Fill

Fair

Fair to poor as the fill slope below culvert is held in place by large log

Floor

Fair

Footing

Head Walls

Inlet

Fair

Lock blocks and riprap

Outlet

Fair

Overall

Fair

Rip Rap

Fair

Roof

Fair

Sidewalls

Fair

Trash Rack

Weirs/Backwater
Structures

Wing Walls

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Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	1.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.2	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
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1

2

3

Item	Monitor Description	Frequency
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1 Large log retaining fill

Anually

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Looking upstream from road



Approach from Left Bank when facing downstream



Looking downstream from road



Approach from Right Bank when facing downstream



Inlet



Downstream right approach fill slope repair



Outlet



Log retaining much of the fill below culvert



Log retaining fill anchored in middle (approx) and left bank



Log retaining fill not anchored on right bank



Bedrock, boulders, stones, gravel and organics in fill



Downstream right bank fill repair immediately above large log retaining fill



Outlet