

CK-2457

NORRISH CREEK 13.6km

2018 Inspection

CBR iPad Offline Ver 0.26



CBR Data

Latitude	Longitude		
49°16'31.69"	-122°5'23.8"		
Crossing Name	Unknown		
FSR #	10326	Branch #	1
Road Name	NORRISH CREEK		
User km	13.6		
Current Load Rating (tonnes)	63		
Structure Class	Major Culvert		
Culvert Type	Open Bottom		
Culvert Material	Corrugated Steel		
Opening Height (mm)	1440		
Opening Width (mm)	2740		
Inlet Cover (mm)	600		
Outlet Cover (mm)	700		
Culvert Gradient %			
Culvert Length (m)	10		

Updated Data

Latitude	Longitude		
49°16'31.73"	-122°5'24.49"		
HD Diff. (m)	14.0	Accuracy (m)	5
BCL-625 or 63 tonnes			
700			
900			

Inspection

Date of Inspection 2018-08-21 11:16:15 AM

Recommended Next Inspection Year 2019

Inspector Name Tyson Miller

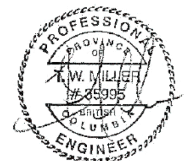
Inspection Company MFLNRO

Inspector Comments

Wrong structure for crossing location. Consider replacing the structure.

P.Eng Comments

Clean the inlet and monitor future aggradation, especially following heavy precipitation or rain on snow events. Consider replacing the structure. Current load rating of BCL-625 or 63 tonnes to continue.



01/02/2019

P.Eng Seal

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Approach

Alignment **Good**

Bridge Ahead Signs
Missing X 0 ☐ 1 ☐ 2

Brushing Required **N**

Delineator Missing
Left X 0 ☐ 1 ☐ 2

Delineator Missing
Right X 0 ☐ 1 ☐ 2

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

Good

Coating

Good

Coupled Connections

Embedment Materials

Fair

Fill

Fair

Floor

Footing

Fair

Settling on left bank side

Head Walls

Inlet

Fair

Aggrading and 50% blocked

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)	0	Ice	☐		

Comments Stream aggrades annually. This structure should be replaced

Repairs and Monitoring

Repair

Item	Priority	Repair Description
1	High	Clean the inlet

2

3

Item	Monitor Description	Frequency
1	Monitor aggradation	Anually

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



Downstream from Crossing



Upstream from Crossing



Approach from Right Bank when facing downstream



Inlet



Outlet



Outlet



Consistent bearing on both footings, right bank settlement of left footing noted

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Organics and lack of riprap at inlet