

SC-8060

MCNEILL LAKE 1.5km

2020 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°36'59.5"	-123°59'10"
Crossing Name	Not Known
FSR #	8344
Branch #	1
Road Name	MCNEILL LAKE
User km	1.5
Previous Load Rating (tonnes)	150
Structure Class	Major Culvert
Culvert Type	Elliptical
Culvert Material	Corrugated Steel
Opening Height (mm)	2080
Opening Width (mm)	2690
Inlet Cover (mm)	450
Outlet Cover (mm)	1910
Culvert Gradient %	
Culvert Length (m)	18.5

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5523286.6
Accuracy (m)	

Inspection

Date of Inspection 2020-11-06 12:44:12 PM

Inspector Name Richard Mills

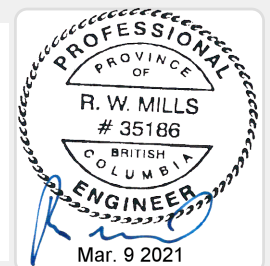
Inspector Comments

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Feb 23, 2021
Load Rating: L165 or 150 tonnes
Next Inspection: 2023



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 Na

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 Good

Bracing

Hardware

Fill Good

Riprap N/A

Bearings

Corrosion Protection

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**Culvert**

Baffles	N/A	
Bolted Connections	Good	
Coating	Fair	Worn on bottom
Coupled Connections	N/A	
Embedment Materials	N/A	
Fill	Good	
Floor	Fair	Minor corrosion on floor
Footing	Good	
Head Walls	Good	
Inlet	Good	
Outlet	Good	
Overall	Good	
Rip Rap	N/A	
Roof	Good	
Sidewalls	Good	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	Good	

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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)	0.1	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	1.2	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2.0	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

2

3

Sketch
(Select Signature)

Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Inlet



Inlet



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Outlet



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