

SQ-3151

BRITANNIA 01 2.9km

2019 Inspection



CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°36'38.7"	-123°11'35.3"
Crossing Name	Trib to Thistle Creek
FSR #	8321
Branch #	1
Road Name	BRITANNIA 01
User km	2.9
Previous Load Rating (tonnes)	136
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2000
Opening Width (mm)	2000
Inlet Cover (mm)	2800
Outlet Cover (mm)	3100
Culvert Gradient %	5
Culvert Length (m)	16.1

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5522643.4
Accuracy (m)	

Inspection

Date of Inspection 2019-09-16 12:52:53 PM

Inspector Name Richard Mills

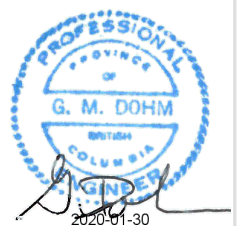
Recommended Next Inspection Year

Inspection Company FLNRORD

Inspector Comments

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 30, 2020
Load Rating: L150 or 136 tonnes
Next Inspection: 2022
Comments:



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 N/A

Bracing

Hardware

Fill Good

Riprap N/A

Bearings

Corrosion Protection

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**Culvert**

Baffles	N/A	
Bolted Connections	N/A	
Coating	Fair	
Coupled Connections	Fair	Approx 6" gap
Embedment Materials	N/A	
Fill	Good	
Floor	Fair	
Footing	Good	
Head Walls	N/A	
Inlet	Good	
Outlet	Good	
Overall	Good	
Rip Rap	N/A	
Roof	Fair	Slightly compressed, downstream side
Sidewalls	Good	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	

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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)	1.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.6	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 Left Bank when facing downstream



Structure ID



Inlet



Outlet



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Connection