

SQ-3150

BRITANNIA 01 2.8km

2019 Inspection

CBR iPad Offline Ver 0.31



CBR Data

Latitude	Longitude
49°36'34.3"	-123°11'34.8"
Crossing Name	Thistle Creek
FSR #	8321
Branch #	1
Road Name	BRITANNIA 01
User km	2.8
Previous Load Rating (tonnes)	136
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2400
Opening Width (mm)	2400
Inlet Cover (mm)	1900
Outlet Cover (mm)	2100
Culvert Gradient %	5
Culvert Length (m)	16.1

Updated Data

Latitude	Longitude
°0'0"	°0'0"
HD Diff. (m)	5522507.4
Accuracy (m)	

Inspection

Date of Inspection 2019-09-16 1:02:51 PM

Inspector Name Richard Mills

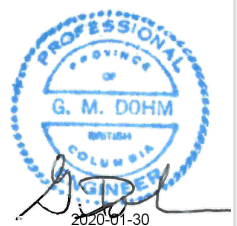
Recommended Next Inspection Year

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

SQ-3150

BRITANNIA 01 2.8km

2019 Inspection



CBR iPad Offline Ver 0.31

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 Good

Bearings

Corrosion Protection

SQ-3150

BRITANNIA 01 2.8km

2019 Inspection

CBR iPad Offline Ver 0.31

**Culvert**

Baffles	N/A	
Bolted Connections	N/A	
Coating	Fair	
Coupled Connections	Fair	6" gap floor of coupler
Embedment Materials	N/A	
Fill	Good	
Floor	Fair	
Footing	Good	
Head Walls	N/A	
Inlet	Good	
Outlet	Good	
Overall	Good	
Rip Rap	Good	
Roof	Good	
Sidewalls	Good	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	

SQ-3150

BRITANNIA 01 2.8km

2019 Inspection

CBR iPad Offline Ver 0.31



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

SQ-3150

BRITANNIA 01 2.8km

2019 Inspection

CBR iPad Offline Ver 0.31



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
-------------	----------	--------------------

1

2

3

Item	Monitor Description	Frequency
------	---------------------	-----------

1

2

3

Sketch
(Select Signature)

SQ-3150

BRITANNIA 01 2.8km

2019 Inspection

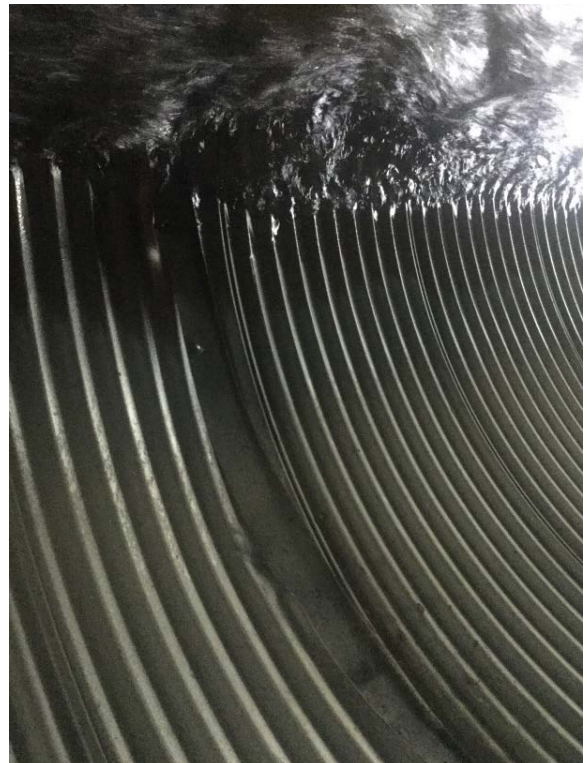
CBR iPad Offline Ver 0.31



Inlet



Connection



SQ-3150

BRITANNIA 01 2.8km

2019 Inspection

CBR iPad Offline Ver 0.31



SQ-3150

BRITANNIA 01 2.8km

2019 Inspection

CBR iPad Offline Ver 0.31



SQ-3150

BRITANNIA 01 2.8km

2019 Inspection

CBR iPad Offline Ver 0.31



SQ-3150

BRITANNIA 01 2.8km

2019 Inspection

CBR iPad Offline Ver 0.31

