SQ-3133	MAMQUAM 01 14.2km	2019 Inspection

CBR iPad Offline Ver 0.31

CBR Data

Latitude	Longitude
49°43'2.08"	-123°0'.97"

Crossing Name	Trib to Mamquam
FSR #	9283
Branch #	1
Road Name	MAMQUAM 01
User km	14.2
Previous Load Rating (tonnes)	150
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Steel (non-corrugated)
Opening Height (mm)	1830
Opening Width (mm)	1830
Inlet Cover (mm)	900
Outlet Cover (mm)	1000
Culvert Gradient %	8
Culvert Length (m)	11

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5534498.6	Accuracy (m)	

Inspection

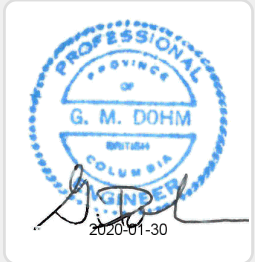
Date of Inspection	2019-09-16 3:37:11 PM	Recommended Next Inspection Year	
Inspector Name	Richard Mills	Inspection Company	FLNRORD

Inspector Comments

Old riveted thick - walled pipe in Fair condition. Undersized for flow.

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., January 30, 2020
Load Rating: L165 or 150 tonnes
Next Inspection: 2022
Comments:



P.Eng Seal

Approach

Alignment	Good	
Bridge Ahead Signs Missing	(•) 0 ( ) 1 ( ) 2	
Brushing Required	Y	
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	

Culvert

Baffles	N/A	
Bolted Connections	N/A	
Coating	N/A	
Coupled Connections	Good	
Embedment Materials	Good	
Fill	Good	
Floor	Unrated	Buried
Footing	Good	
Head Walls	N/A	
Inlet	Good	
Outlet	Good	
Overall	Fair	
Rip Rap	N/A	
Roof	Fair	
Sidewalls	Good	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	

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

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)	0.6	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
1		
2		
3		

Item	Monitor Description	Frequency
1		
2		
3		

Sketch
(Select Signature)

SQ-3133

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Outlet

Inlet

Approach from Right Bank when facing downstream

Inlet