SC-8637
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MCNAB-POTLATCH 7.55km

2022 Inspection

CBR iPad Offline Ver 0.36

CBR Data

Latitude	Longitude
49°35'.89"	-123°20'14.5"

Site Status	Active
Insp. Status	Inspect
Crossing Name	Unnamed
FSR #	10209
Branch #	4
Road Name	MCNAB-POTLATCH
User km	7.55
Previous Load Rating (tonnes)	150
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2200
Opening Width (mm)	2200
Inlet Cover (mm)	1050
Outlet Cover (mm)	1100
Culvert Gradient %	3
Culvert Length (m)	16

Updated Data

Latitude	Longitude
°0'0"	°0'0"

HD Diff. (m)	5519619.2	Accuracy (m)	

Inspection

Date of Inspection	2022-09-28 9:47:48 AM
Inspector Name	Richard Mills

Recommended Next Inspection

Inspection Company MoF

Inspector Comments

Add rock protection to outlet the next time machine in area. Monitor.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Jan 30, 2023
Load Rating: L165 or 150 tonnes
Next Inspection: 2025

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
R. W. MILLS
35186
2023-02-14
PERMIT TO PRACTICE NUMBER 1003022
ENGINEERS AND GEOSCIENTISTS BC

PERMIT TO PRACTICE: 1003022

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: Fair

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: Fair

Bearings:

Corrosion Protection:

Culvert

Baffles	N/A	
Bolted Connections	N/A	
Coating	Good	
Coupled Connections	Good	
Embedment Materials	N/A	
Fill	Good	
Floor	Good	
Footing	Good	
Head Walls	N/A	
Inlet	Good	
Outlet	Fair	Scoured
Overall	Good	
Rip Rap	Fair	
Roof	Good	
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)	1.0	Aggradation	☒	Scour	☐
Estimated High Water Level Clearance	1.5	Ic	☐		

Comments

Repairs and Monitoring

	Repair Item	Repair Description
1		
2		
3		
4		
5		
6		
7		

Item	Monitor Description	Frequency
1	Monitor outlet for erosion	Routine Inspection
2		
3		

Approach from Right Bank when facing downstream

Inlet

Inlet

Inlet

Inlet