

SC-8636
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MCNAB-POTLATCH 7.03km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°34'52.6" Longitude -123°20'27.5"

Site Status Active

Insp. Status Inspect

Crossing Name Unnamed

FSR # 10209 Branch # 4

Road Name MCNAB-POTLATCH

User km 7.03

Previous Load Rating (tonnes) 150

Structure Class Major Culvert

Culvert Type Round

Culvert Material Corrugated Steel

Opening Height (mm) 2400

Opening Width (mm) 2400

Inlet Cover (mm) 1540

Outlet Cover (mm) 1650

Culvert Gradient % 3

Culvert Length (m) 19

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5519362.6 Accuracy (m)

Inspection

Date of Inspection 2022-09-28 9:31:24 AM

Inspector Name Richard Mills

Recommended Next Inspection

Inspection Company MoF

Inspector Comments

Large channel. No change since last inspection. Evidence of significant past bed load movement in channel. Monitor bedload at inlet.

P.Eng Comments

Load Rated by: Richard Mills, P.Eng. Jan 30, 2023

Load Rating: L165 or 150 tonnes

Next Inspection: 2025

Comments: Records indicate that this structure was intended to be removed within 5 years of installation (2017). Moderate risk site due to high bed load / debris movement in stream. Recommend this structure is removed.



PERMIT TO PRACTICE: 1003022

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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 **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 **Good**

Bearings

Corrosion Protection

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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 Sump at inlet

Outlet Good

Overall Good

Rip Rap Good

Roof Good

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	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	0	Aggradation	☒	Scour	☐
Estimated High Water Level Clearance	2	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item	Monitor Description	Frequency
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1

2

3

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Inlet



Outlet



Inlet



Approach from Right Bank when facing downstream



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Inlet



Inlet



Inlet



Outlet



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Approach from Left Bank when facing downstream



Upstream Profile



Inlet

