

CK-2320
CK-2320

NAHATLATCH 22.5km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 50°0'11.49" Longitude -121°43'53.2"

Site Status Active

Insp. Status Inspect

Crossing Name Not Known

FSR # 6996 Branch # 1

Road Name NAHATLATCH

User km 22.5

Previous Load Rating (tonnes) 68

Structure Class Major Culvert

Culvert Type Elliptical

Culvert Material Corrugated Steel

Opening Height (mm) 1900

Opening Width (mm) 2700

Inlet Cover (mm) 700

Outlet Cover (mm) 900

Culvert Gradient % 3

Culvert Length (m) 16

Updated Data

Latitude 50°0'12.1" Longitude -121°43'52.54"

HD Diff. (m) 22.8 Accuracy (m) 8

Inspection

Date of Inspection 2022-11-01 1:59:11 PM

Inspector Name Cameron VandenBrink, EIT

Recommended Next Inspection

Inspection Company Chartwell Resource Group Ltd

Inspector Comments

Pipe possibly fit for salvage. Stream has re routed to the right, requires new structure and removal of failed pipe. Overtopped road and deposited material for roughly 100m to right approach. Requires site plan to be shot.

P.Eng Comments

Load Rated by: MoF, M.Lowe, RPF, PEng, February 16, 2023

Load Rating: 0 Tonnes GVW

Next Inspection: September 1, 2025

Comments: Full structure replacement required. Site survey and design prior to increase in load rating.



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

Slight vc both approaches

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☐ 2

Brushing Required Y

Left approach

Delineator Missing
Left ☐ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☐ 0 ☐ 1 ☐ 2

Fender Condition

Posted Load Rating

Not posted

Road Surface Fair

Poor-Pipe plugged, stream re router to right. 100 meters of right approach is rocky debris and timber

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Fair

Poor-Eroded

Riprap Fair

Bearings

Corrosion Protection

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Culvert

Baffles

Bolted Connections Good What is visible

Coating Fair What is visible

Coupled Connections

Embedment Materials

Fill Fair Poor-Eroded

Floor Fair What is visible

Footing

Head Walls

Inlet Fair Poor-Fully covered

Outlet Fair Fair condition

Overall Fair Poor-Inlet plugged, stream re routed 15m to right bank

Rip Rap Fair

Roof

Sidewalls

Trash Rack

Weirs/Backwater
Structures

Wing Walls

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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)	.1	High Water	☒	Debris	☐
Estimated Present Water Level Width (m)	3	Aggradation	☐	Scour	☒
Estimated High Water Level Clearance	0	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



Upstream from Crossing



Approach from bridge deck of Left bank approach when facing downstream



Approach from Left Bank when facing downstream



Approach from Left Bank when facing downstream



Downstream from Crossing



Outlet



Approach from bridge deck of Right bank approach when facing downstream



Right bank approach beyond new channel



Approach from Right Bank when facing downstream



Inlet