

SC-8644
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BRITAIN RIVER 4.82km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 50°1'9.69" Longitude -124°2'19.8"

Site Status Active

Insp. Status Inspect

Crossing Name Unnamed

FSR # 6104 Branch # 1

Road Name BRITAIN RIVER

User km 4.82

Previous Load Rating (tonnes) 150

Structure Class Major Culvert

Culvert Type Embedded Round

Culvert Material Corrugated Steel

Opening Height (mm) 2200

Opening Width (mm) 2200

Inlet Cover (mm)

Outlet Cover (mm)

Culvert Gradient % 0

Culvert Length (m) 12

Updated Data

Latitude °0'0" Longitude °0'0"

HD Diff. (m) 5568129.8 Accuracy (m)

550

800

Inspection

Date of Inspection 2022-09-27 11:50:35 AM

Inspector Name Richard Mills

Recommended Next Inspection

Inspection Company MoF

Inspector Comments

Roof has slight sag (approx 30cm.) likely installation related. Check fill depth to confirm, appears too low.

P.Eng Comments

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

Load Rating: L165 or 150 tonnes

Next Inspection: 2025

Comments: Add gravel to achieve a minimum of 700mm total fill on road surface above culvert.



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 **Good**

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

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Culvert

Baffles N/A

Bolted Connections N/A

Coating Good

Coupled Connections Good

Embedment Materials Good

Fill Good

Floor Good

Footing Good

Head Walls N/A

Inlet Good

Outlet Good

Overall Good

Rip Rap Good

Roof Fair Slight sag (approx 30mm. At centre)

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	1.5	Ic	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor roof	Routine Inspection

2

3

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Inlet



Outlet

