

SC-8649
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BRITAIN RIVER 7.1km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 50°1'50.8"
Longitude -124°3'30.7"

Site Status Active

Insp. Status Inspect

Crossing Name Unnamed

FSR # 6104 Branch # 1

Road Name BRITAIN RIVER

User km 7.1

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) 5569400.7 Accuracy (m)

600

700

Inspection

Date of Inspection 2022-09-27 10:35:57 AM

Inspector Name Richard Mills

Inspector Comments

Check fill, might need more

Recommended Next Inspection

Inspection Company MoF

P.Eng Comments

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

Load Rating: L165 or 150 tonnes

Next Inspection: 2025

Comments: Ensure culvert has a minimum of 700mm gravel fill above pipe.



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 **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	Fair	100mm gap at couple roof. Coupler is dented. Pipes seem ok. Monitor.
Embedment Materials	Good	
Fill	Good	
Floor	Good	
Footing	Good	
Head Walls	N/A	
Inlet	Good	
Outlet	Good	
Overall	Good	
Rip Rap	Good	
Roof	Fair	
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	1.2	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Monitor coupler	Routine Inspection

2

3

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Culvert coupler



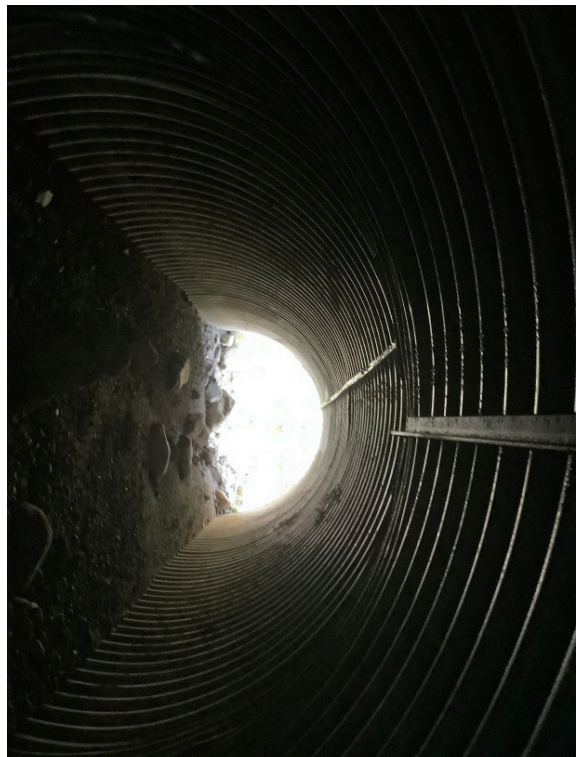
Inlet



Upstream Profile



Inlet

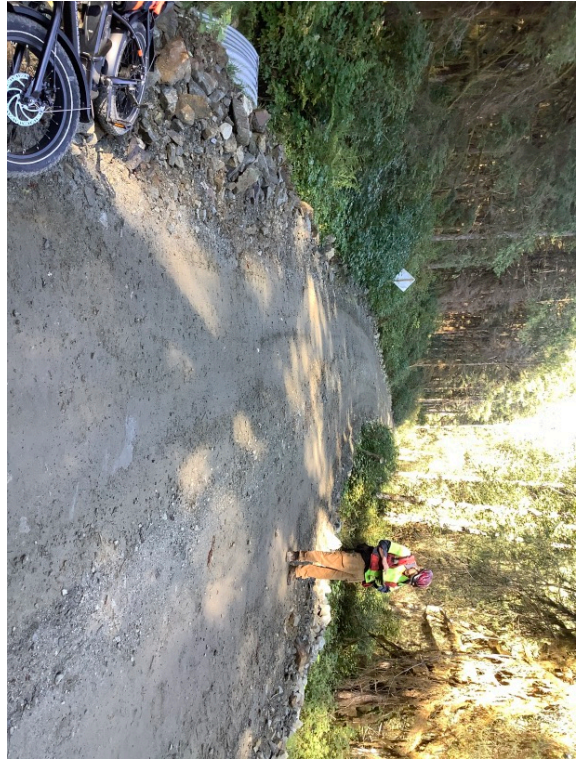


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Approach from Right Bank when facing downstream