

CK-2005
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ANDERSON 2.7km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°41'30.4" Longitude -121°23'48.6"

Site Status Active

Insp. Status Inspect

Crossing Name Gilt Creek

FSR # 8074 Branch # 1

Road Name ANDERSON

User km 2.7

Previous Load
Rating (tonnes) 64

Structure Class Major Culvert

Culvert Type Round

Culvert Material Corrugated Steel

Opening Height (mm) 2700

Opening Width (mm) 2700

Inlet Cover (mm) 5000

Outlet Cover (mm) 5000

Culvert Gradient % 5

Culvert Length (m) 24

Updated Data

Latitude 49°41'30.23" Longitude -121°23'48.77"

HD Diff. (m) 6.4 Accuracy (m) 10

Inspection

Date of Inspection 2022-09-12 11:32:18 AM

Inspector Name Cameron VandenBrink, EIT

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

Inspector Comments

Waterline is running through culvert.

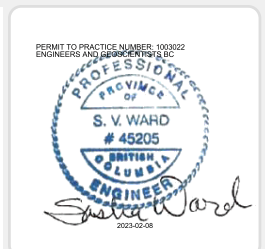
P.Eng Comments

Load rated by: MoF Sasha Ward RPF P.Eng Feb 6 2023

Load rating: maintain 64 tonne load rating

Comments: monitor fill slopes on approaches and oversteepened fill slopes at inlet and outlet.
Sediment likely entering creek during heavy rainfall as fill slopes erode.

Next inspection: 2024



PERMIT TO
PRACTICE: 1003022

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Approach

Alignment Fair

HC both approaches

Bridge Ahead Signs
Missing ☐ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☐ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☐ 0 ☐ 1 ☐ 2

Fender Condition

Posted Load Rating

Not posted

Road Surface

Good

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Fair

Oversteepened at both outlet and inlet. Actively eroding. Currently not impacting running width.

Riprap Fair

Bearings

Corrosion Protection

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Culvert

Baffles

Bolted Connections

Coating Fair

Coupled Connections Fair Wood shims both side walls are tight

Embedment Materials

Fill Fair Oversteepened at both outlet and inlet. Actively eroding. Currently not impacting running width.

Floor Fair Corrosion on floor.

Footing

Head Walls

Inlet Fair 50cm of material stacked directly upstream of inlet.

Outlet Fair Damage from large rock falling onto outlet. One large rock still perched directly above

Overall Fair

Rip Rap Fair

Roof Fair Damage at outlet

Sidewalls Good

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)	.35	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance	2.2	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	Oversteepened slopes at both inlet and outlet	Routine Inspection

2

3



Approach from Right Bank when facing downstream



Approach from Left Bank when facing downstream



Inlet



Inlet



Timber shims



Culvert Floor



Outlet



Outlet