

CK-2211
CK-2211

EMORY 2.8km

2022 Inspection

CBR iPad Offline Ver 0.36



CBR Data

Latitude 49°30'41.79"
Longitude -121°26'23.1"

Site Status Active

Insp. Status Inspect

Crossing Name Side Creek

FSR # 8147 Branch # 1

Road Name EMORY

User km 2.8

Previous Load
Rating (tonnes) 68

Structure Class Major Culvert

Culvert Type Round

Culvert Material Corrugated Steel

Opening Height (mm) 2400

Opening Width (mm) 2400

Inlet Cover (mm) 1000

Outlet Cover (mm) 1400

Culvert Gradient % 3

Culvert Length (m) 18

Updated Data

Latitude 49°30'41.98"
Longitude -121°26'24.19"

HD Diff. (m) 22.5 Accuracy (m) 8

Inspection

Date of Inspection 2022-09-12 12:38:48 PM

Inspector Name Cameron VandenBrink, EIT

Inspector Comments

Recommended Next Inspection 2024

Inspection Company Chartwell Resource Group Ltd

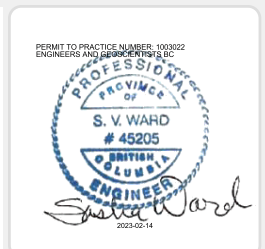
P.Eng Comments

Load rated by: MoF Sasha Ward RPF, P.Eng, Feb 13 2023

Load rating: 68 tonnes

Comments: depth of cover should be measured during
next inspection, to ensure load rating can continue.

Next inspection: 2023



PERMIT TO
PRACTICE: 1003022

CK-2211
CK-2211

EMORY 2.8km

2022 Inspection

CBR iPad Offline Ver 0.36



Approach

Alignment Fair

HC both approaches. In trough of vc

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 Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Pier

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Fair Monitor downstream fill

Riprap Fair

Bearings

Corrosion Protection

CK-2211
CK-2211

EMORY 2.8km

2022 Inspection

CBR iPad Offline Ver 0.36



Culvert

Baffles

Bolted Connections

Coating Good

Coupled Connections Good

Embedment Materials

Fill Fair Monitor downstream fill

Floor Fair Minor corrosion

Footing

Head Walls

Inlet Fair Some damage and material built up in pipe

Outlet Good

Overall Fair Minor damage at inlet, material In upstream third. Minor corrosion on floor

Rip Rap Fair

Roof Good

Sidewalls Good

Trash Rack

Weirs/Backwater
Structures

Wing Walls

CK-2211
CK-2211

EMORY 2.8km

2022 Inspection

CBR iPad Offline Ver 0.36



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

CK-2211
CK-2211

EMORY 2.8km

2022 Inspection

CBR iPad Offline Ver 0.36



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 2.2 Ic ☐

Comments Upstream third of pipe has rocky debris. Downstream fill slopes require monitoring. Consider installing fenders . CMP is at the junction of 2 drainages, both dry during inspection.

Repairs and Monitoring

Repair Item Repair Description

1

2

3

4

5

6

7

Item	Monitor Description	Frequency
1	Aggradation of material into pipe	Routine Inspection
2	Downstream fill slopes	Routine Inspection
3		



Approach from Left Bank when facing downstream



Upstream from Crossing



Upstream from Crossing



Downstream from Crossing



Approach from Right Bank when facing downstream



Inlet



Culvert Floor



Left bank downstream fill slope



Outlet