

CK-2048

CHILLIWACK RIVER 1km

2017 Inspection



CBR iPad Offline Ver 0.26

CBR Data

Latitude	Longitude
49°5'33.29"	-121°26'32.5"
Crossing Name	Side Creek
FSR #	5127
Branch #	1
Road Name	CHILLIWACK RIVER
User km	1
Current Load Rating (tonnes)	54
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	2300
Opening Width (mm)	2300
Inlet Cover (mm)	900
Outlet Cover (mm)	900
Culvert Gradient %	
Culvert Length (m)	14.5

Updated Data

Latitude	Longitude
49°5'33.38"	-121°26'31.68"
HD Diff. (m)	16.9
Accuracy (m)	5

Inspection

Date of Inspection 2017-07-26 12:59:54 PM

Recommended Next Inspection Year 2020

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Brush approaches and clean inlet. Present load rating of L60 or 54 tonnes to continue.



07/09/2017

P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition NA

Posted Load Rating Not posted

Road Surface Fair

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall

Bracing

Hardware

Fill Good

Riprap Fair

Bearings

Corrosion Protection

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Culvert

Baffles

Bolted Connections

Good

Coating

Fair

Coupled Connections

Embedment Materials

Fill

Good

Floor

Fair

Footing

Unrated

Buried

Head Walls

Inlet

Poor

Debris buildup

Outlet

Fair

2m drop

Overall

Rip Rap

Fair

Roof

Good

Sidewalls

Good

Trash Rack

Weirs/Backwater
Structures

Wing Walls

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Hazards

Estimated Present Water Level Depth (m)	0.2	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	1.5	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments

Repairs and Monitoring

Repair

Item	Priority	Repair Description
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1	Medium	Clean inlet
2	Low	Brush approaches

3

Item	Monitor Description	Frequency
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1

2

3

Sketch
(Select Signature)



Approach from Right Bank when facing downstream



Inlet



Approach from Left Bank when facing downstream



Inlet



Looking through culvert from outlet



Outlet and water line



Outlet



Water holding tank