

CK-2125

SHOVEL CREEK 11.1km

2016 Inspection



CBR iPad Offline Ver 0.23

CBR Data

Latitude	Longitude
49°49'56.6"	-121°45'29.4"
Crossing Name	Not Known
FSR #	5748
Branch #	6
Road Name	SHOVEL CREEK
User km	11.1
Current Load Rating (tonnes)	136
Structure Class	Major Culvert
Culvert Type	Round
Culvert Material	Corrugated Steel
Opening Height (mm)	1800
Opening Width (mm)	1800
Inlet Cover (mm)	5000
Outlet Cover (mm)	8000
Culvert Gradient %	
Culvert Length (m)	25

Updated Data

Latitude	Longitude
49°49'55.33"	-121°45'29.94"
HD Diff. (m)	40.6
Accuracy (m)	5

8

Inspection

Date of Inspection 2016-08-09 9:41:43 AM

Inspector Name Tyson Miller

Inspection Company MFLNRO

Inspector Comments

P.Eng Comments

Monitor debris accumulations at the inlet and the stream plunge height at the outlet. Present load rating of L150 or 136 tonnes to continue.



27/02/2017

P.Eng Seal

CK-2125

SHOVEL CREEK 11.1km

2016 Inspection



CBR iPad Offline Ver 0.23

Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required N

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Unrated NA

Posted Load Rating not posted

Road Surface Fair road not being used and should be graded prior to industrial work

Abutment

Log/Timber Cribs

Tie Backs

Bin Wall

Concrete

Caps or Sills

Piles or Posts

Ballast Wall

Wing Wall N/A

Bracing

Hardware

Fill Fair

Riprap Fair

Bearings

Corrosion Protection

CK-2125

SHOVEL CREEK 11.1km

2016 Inspection

CBR iPad Offline Ver 0.23



Culvert

Baffles	N/A	
Bolted Connections	N/A	
Coating	Fair	
Coupled Connections	Fair	
Embedment Materials	N/A	
Fill	Fair	
Floor	Fair	
Footing	Unrated	buried
Head Walls	N/A	
Inlet	Fair	minor damage, most likely from install
Outlet	Fair	1.0m plunge pool
Overall	Fair	
Rip Rap	Fair	
Roof	Fair	minor damage, most likely from install
Sidewalls	Fair	
Trash Rack	N/A	
Weirs/Backwater Structures	N/A	
Wing Walls	N/A	

CK-2125

SHOVEL CREEK 11.1km

2016 Inspection

CBR iPad Offline Ver 0.23



Hazards

Estimated Present Water Level Depth (m)	0.5	High Water	☐	Debris	☒
Estimated Present Water Level Width (m)	4.0	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	1.0	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Priority	Repair Description
-------------	----------	--------------------

1

2

3

Item	Monitor Description	Frequency
------	---------------------	-----------

1	monitor debris accumulations at the inlet and scour at the outlet	
---	---	--

2

3

Sketch
(Select Signature)



Approach from Left Bank when facing downstream



looking downstream from road



looking upstream from road



Approach from Right Bank when facing downstream



Inlet



Outlet



debris catcher



looking through culvert from outlet