



Routine Condition Culvert Inspection Form

GENERAL INFORMATION

(enter either long/lat or UTM below- not both)

*Site #: CK-2450	*Crossing Name:	*Type/Class: ☒ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# 10326
*Structure #:			*Br. 01
*FSR Name: Norrish	*Forest District: DCK	*Kilometres: 5.2 km	User km: 5.0 km
Longitude: (ddd / mm / ss.s) 122 08 34.2	OR	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s) 49 13 09.1	±5m		UTM Northing

LEFT/RIGHT APPROACHES (as seen facing downstream) E = excellent; G = good; F = fair; P = poor; N/A = not appl., UR = Unrated

Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)
Alignment	E G <u>F</u> P UR	tight HC @ both approaches
Bridge Ahead Signs Missing	<u>0</u> 1 2	
Brushing Required	Yes <u>No</u>	
Delineator Missing Left	<u>0</u> 1 2	
Delineator Missing Right	<u>0</u> 1 2	
Fender Condition	E G F P <u>None</u> UR	
Posted Load Rating	(tonnes) or <u>None</u>	
Road Surface	E G <u>F</u> P UR	

GENERAL CULVERT ITEMS

2200mm CSP

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Baffles (N/A to woodbox/log culvert)	E G F P <u>N/A</u> UR	
Bolted Connections (N/A to woodbox/log culvert)	E G F P <u>N/A</u> UR	
Coupled Connections (N/A to woodbox/log culvert)	E G F P <u>N/A</u> UR	
Coating (N/A to woodbox/log culvert)	E G <u>F</u> P N/A UR	
Embedment Materials (N/A to woodbox/log culvert)	E G F P <u>N/A</u> UR	
Fill	E G <u>F</u> P UR	0.3m fill, eroding Ds @ both approaches
Roof	E G <u>F</u> P UR	
Side Walls	E G <u>F</u> P UR	
Floor	E G <u>F</u> P N/A UR	
Head Walls	E G F P <u>N/A</u> UR	
Wing Walls	E G F P <u>N/A</u> UR	
Inlet	E G <u>F</u> P UR	
Outlet	E G F P <u>P</u> UR	steep, large log holding fill 5-6m below due to outlet condition
Overall	E G F <u>P</u> UR	
Riprap	E G <u>F</u> P N/A UR	
Trash Rack	E G F P <u>N/A</u> UR	
Weirs/Backwater Structures	E G F P <u>N/A</u> UR	
Footing (N/A to woodbox/log culvert)	E G F P <u>N/A</u> UR	

LOG CULVERTS ONLY

Stringer #	Stringer Rot Depth (mm)	Diameter (mm)	Stringer Species	Comments (a comment is mandatory if condition "Poor" is selected)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				



BC Ministry of Forests and Range
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GENERAL INFORMATION

*Site #: CK - 2450

*Structure #:

LOG CULVERTS ONLY (continued)

Stringer #	Stringer Rot Depth (mm)	Diameter (mm)	Stringer Species	Comments (a comment is mandatory if condition "Poor" is selected)
13				
14				
15				
16				
17				
18				
19				
20				
21				

Comments

Stream CHANNEL

*Est. Present Water Level Depth 0.2 (m)

*Est. Present Water Level Width 2.5 (m)

*Est. High Water Level Clearance 0.5 (m)

HAZARDS (circle yes or no for each item)

High Water? Yes No Scour? Yes No Ice? Yes No Debris? Yes No Aggradation? Yes No

Comments

REPAIRS:

☒ Recommended

☐ Not required (H = High, M = Medium, L = Low)

Repair Item #	*Priority (circle)	*Estimate (\$)	*Repair Description
1	H <u>M</u> L		add 200mm gravel fill over culvert; blend in.
2	H M L		
3	H M L		

*Monitoring Status: ☒ Recommended

☐ Not required

Monitor Item #	*Monitor Description
1	log holding fill @ outlet
2	eroding fill @ both approaches

PHOTO LOG

Photo #	Description	Photo #	Description

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked?

Yes No

P Eng Inspection Required? Yes No

Inspector's Estimate of Full Log Haul Traffic Replacement

Date (year): 2020

(PEng to review and evaluate inspector's estimate, and to update "Full Log Haul Traffic Replacement (year)" on structure details screen in CBR)

*Date of Inspection
(yyyy/mm/dd)

2013/05/22

*Inspection Company Name

MoF

*Inspector's Name (print)

T-Miller

Inspector's Signature

Inspector's Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes):

63 tonnes

Date of Next Planned Inspection (yyyy/mm/dd)

2014/09/30

Reviewer Company Name

MoF

Reviewed by - PEng's Name (print)

T-Miller

Reviewed by - PEng's Signature

Date Reviewed (yyyy/mm/dd)

2013/06/13

PEng Reviewer's Comments

Add 200mm gravel fill over culvert - blend into existing grade. Consider pinning log to bedrock (the log holding fill @ outlet) or alternatively removing log; adding riprap. Present load rating of BCL-625 or 63 tonnes to continue.

* Denotes Mandatory Information for Corporate Bridge Register







