



Routine Condition Culvert Inspection Form

GENERAL INFORMATION				(enter either long/lat or UTM below- not both)			
*Site #: CK-2457		*Crossing Name:		*Type/Class: ☒ Major Culvert ☐ Woodbox/Log Culvert		*Project File ID# 10326	
*Structure #:				*Br. 01			
*FSR Name: Norrish		*Forest District: DCK		*Kilometres: 13.8km		User km: 13.8km	
Longitude: (ddd / mm / ss.s) 122 05 23.1		OR		UTM Zone		UTM Easting	
Latitude: (ddd / mm / ss.s) 49 16 31.4		±6m				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						
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 1440 x 2740 open bottom							
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 <u>G</u> F P N/A 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 <u>G</u> F P N/A UR						
Embedment Materials (N/A to woodbox/log culvert)	E G F <u>P</u> N/A UR			flushing out			
Fill	E G <u>F</u> P UR			0.6m @ inlet, 0.6m @ outlet			
Roof	E <u>G</u> F P UR						
Side Walls	E <u>G</u> F P UR						
Floor	E G F P <u>N/A</u> 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			starting to infill just above			
Outlet	E G F <u>P</u> UR			eroding footing			
Overall	E G F <u>P</u> UR			due to footing			
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 <u>P</u> N/A UR			concrete footing eroding under north			
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-2457			*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 ±1.0 (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 M L			
2	H M L			
3	H M L			
*Monitoring Status: ☒ Recommended ☐ Not required				
Monitor Item #	*Monitor Description			
1	eroded footings			
2				
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): 2047 (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 [Signature]	
Inspector's Comments				
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION				
Current Load Rating GVW (tonnes): 63 tonnes (PEng to update structure details screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd) 2014/07/30		
Reviewer Company Name MOF	Reviewed by - PEng's Name (print) T. Miller	Reviewed by - PEng's Signature [Signature]	Date Reviewed (yyyy/mm/dd) 2013/06/13	
PEng Reviewer's Comments				

* Denotes Mandatory Information for Corporate Bridge Register

Consider burying riprap across stream w/ top exposed 0.1m above steel footing plate of culvert to help slow stream & further erosion of concrete footing pads. The riprap should be located approximately 2m from outlet of culvert. Either way need to monitor eroding footing pads. BCL-625 or 63 tonnes load rating.





