BC Ministry of Forests and Range

Routine Condition Culvert Inspection Form

GENERAL INFORMATION

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

*Site #: CK-2337	*Crossing Name: Unknown	*Type/Class: ☑ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# 8013
*Structure #:			*Br. 01
*FSR Name: Stave River	*Forest District: CK	*Kilometres: 10.8km	User Num:

Longitude: (ddd / mm / ss.s) W122° 15' 5.4"	OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) N49° 29' 17.7"				

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 (F) P UR	Horizontal curve
Bridge Ahead Signs Missing	0 1 (2)	
Brushing Required	Yes (No)	
Delineator Missing Left	0 1 (2)	
Delineator Missing Right	0 1 (2)	
Fender Condition	E G F P (None) UR	
Posted Load Rating	_____(tonnes) or (None)	
Road Surface	E (G) F P UR	

GENERAL CULVERT ITEMS

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 (N/A) UR	
Bolted Connections (N/A to woodbox/log culvert)	E G F P N/A UR	
Coupled Connections (N/A to woodbox/log culvert)	E G F P (N/A) UR	
Coating (N/A to woodbox/log culvert)	E G F P N/A UR	
Embedment Materials (N/A to woodbox/log culvert)	E G F P (N/A) UR	
Fill	E (G) F P UR	~1.0m road
Roof	E (G) F P UR	
Side Walls	E (G) F P UR	
Floor	E G (F) P N/A UR	Rusty
Head Walls	E G F P (N/A) UR	
Wing Walls	E G F P (N/A) UR	
Inlet	E G (F) P UR	
Outlet	E G (F) P UR	Downcut & flow around
Overall	E (G) F P UR	
Riprap	E G F P (N/A) UR	None
Trash Rack	E G F P (N/A) UR	
Weirs/Backwater Structures	E G F P (N/A) UR	
Footing (N/A to woodbox/log culvert)	E G F P (N/A) 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				

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Routine Condition Culvert Inspection Form

GENERAL INFORMATION

*Site #: CK-2337 | *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 0.0 (m) | *Est. Present Water Level Width 4.0 (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 M L		CLEAN BEAVER DAM
2	H M L		
3	H M L		

*Monitoring Status: ☐ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	L->R		Inlet
	R->L		outlet
	U/G		
	d/G		

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): 2050
(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)	*Inspection Company Name	*Inspector's Name (print)	Inspector's Signature
2011/11/09	Onsite Engineering	Jeremy Araki	[signature]

Inspector's Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 68 tonnes
(PEng to update structure details screen in CBR as necessary)

Date of Next Planned Inspection (yyyy/mm/dd): 2014/09/30

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
MoF	T. Miller	[signature]	2012/05/08

PEng Reviewer's Comments
Clean inlet. Present load rating of L75 or 68 tonnes to continue.

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — J. C. P. ARAKI # 29756

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — T. W. MILLER # 35995

* Denotes Mandatory Information for Corporate Bridge Register

CK2337 Right to Left Approach

CK2337 Downstream

CK2337 Upstream

CK2337 Left to Right Approach

CK2337 Outlet

CK2337 Inlet