BC Ministry of Forests and Range

Routine Condition Culvert Inspection Form

GENERAL INFORMATION

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

*Site #: CL 2048 *Structure #: CL 2048	*Crossing Name:	*Type/Class: ☐ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# 5127 *Br. 01
*FSR Name: Chilliwack River	*Forest District: Chilliwack	*Kilometres:	User km:

Longitude: (ddd / mm / ss.s) 121 26 32.5 Latitude: (ddd / mm / ss.s) 49 5 33.7	OR	UTM Zone	UTM Easting	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) F P UR	
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	
Roof	E (G) F P UR	
Side Walls	E (G) F P UR	
Floor	E (G) F P N/A UR	
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	
Overall	E (G) F P UR	
Riprap	E (G) F P N/A UR	
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 #: CV 2048 | *Structure #: CV 2048

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 Width 1.8m HW Clearance 1.5m

*Est. Present Water Level Depth 0.1 (m) | *Est. Present Water Level Depth ____ (m) | *Est. Present Water Level Depth ____ (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		Brush out at inlet and up creek
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

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): 2021
(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
2011/11/18	Onsite Eng Ltd	Greg Hengst	Greg Hengst

Inspector's Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 54 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		March 5, 2012

PEng Reviewer's Comments

Provide depth of fill at inlet and outlet, corrugation profile and steel thickness at next inspection. Clean inlet & outlet. Present load rating of L60 or 54 tonnes to continue.

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

* Denotes Mandatory Information for Corporate Bridge Register

CK-2048 Brush at inlet

CK-2048 Approach Left Bank

CK-2048 Interior

CK-2048 Approach Right Bank

CK-2048 Interior looking at inlet

CK-2048 Outlet