ACTIVE (H) Cyp6

BC Ministry of Forests and Range

Corporate Bridge Register (CBR)

Structure Inventory Data Form "CULVERTS"

GENERAL	
*Structure #:	*Site #: CK-2005
*Type/Class: ☑ Major Culvert ☐ Woodbox/Log Culvert	Crossing Name:
*Forest District: CHILLIWACK	Management Area:
*Forest Service Road: ANDERSON RIVER	Kilometres: 2.70
*Project File ID#: 8047	*Br. 01
Built For: ☐ BC Timber Sales ☐ Other Commercial Users ☐ Road Use Permit Holder ☐ Operations Division ☐ Road Permit Holder	
*Source: ☐ Inherited: Found Structure ☐ Inherited: Non-Status Road ☐ Inherited: Reallocation ☐ New Structure ☐ Replacement Structure ☐ Inherited: From Oil & Gas/ Other Ministry ☐ Inherited: Transfers from Other Ministries	
Year Built:	Year Added to Inventory:
Current Load Rating GVW (tonnes): (PEng to enter / update this value on structure details screen in CBR)	Design Load Rating GVW (tonnes): (Typically obtained from design drawings)
Design Vehicle Configuration: ☐ BCL625 ☐ CL625 ☐ L100 ☐ L120 ☐ L150 ☐ L165 ☐ L45 ☐ L60 ☐ L75 ☐ L90 ☐ Other	
*Primary User Client Number:	*Client Location Code:
Primary User Name:	
As Built Information on File? ☐ Yes ☐ No	
Installation Cost ($):	Material Cost ($):
Portable Structure? ☐ Yes ☐ No	
REPLACEMENT DETAILS	
Original Replacement (year):	Estimated Closure (year):
Light Vehicle Traffic Replacement (year):	*Full Log Haul Traffic Replacement (year): (PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR).
Estimated Replacement Cost ($):	
Replacement Cost Comments:	

* Denotes Mandatory Information for Corporate Bridge Register

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Structure Inventory Data Form "CULVERTS"

CK-2005

STRUCTURAL DETAILS

*Culvert Number: 1 of 1	*Culvert Length (metres):	Gradient: -5%

*Culvert Type (not required for woodbox/log):	*Culvert Material:
☐ Box ☐ Elliptical ☐ Open Bottom ☐ Round	☐ Concrete ☐ Corrugated Steel ☐ Log ☐ Other ☐ Steel Non-Corrugated)
Inlet Cover Depth (mm): 5mm	Outlet Cover Depth (mm): 5mm
*Opening Height (mm): 4900 ??wrong	*Opening Width (mm): 4900 ??wrong
Headwall Location: file shows 2700mm dia. ☐ Both ☐ Inlet ☑ None ☐ Outlet	Open Bottom Substructure (not required for woodbox/log culvert): ☐ Cast in Place Concrete Footing ☐ Lock-Block Footing ☐ Piles ☐ Precast Concrete Footing ☐ Steel Footing

Comments:

22

Sep 6

ACTIVE

BC Ministry of Forests and Range

Routine Condition Culvert Inspection Form

GENERAL INFORMATION

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

*Site #: CK 2005 *Structure #:	*Crossing Name:	*Type/Class: ☑ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# 8047 *Br. 01
*FSR Name: ANDERSON RIVER	*Forest District: CHILLIWACK	*Kilometres: 2.7	User km:

Longitude: (ddd / mm / ss.s) 49 41 30.4 Latitude: (ddd / mm / ss.s) 121 23 48.6	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	NOT POSTED.
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	SLIGHT FLOOR RUST.
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	OUTLET ROOF DAMAGED
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				

BC Ministry of Forests and Range

Routine Condition Culvert Inspection Form

GENERAL INFORMATION

*Site #: CK 2005 | *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 0.1 (m) | *Est. Present Water Level Depth ~~WIDTH~~ 5.0 (m) | *Est. Present Water Level Depth HWD 3.5 (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		
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
	RIGHT TO LEFT		DOWN STREAM
	LEFT TO RIGHT		
	UPSTREAM		
	INSIDE		

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):
(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
2010-09-06	Onsite Engineering Ltd	Ali Sadeghi	

Inspector's Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 41
(PEng to update structure details screen in CBR as necessary)

Date of Next Planned Inspection (yyyy/mm/dd) 2013/09/01

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
MNRO	G. Dohm	Greg Dohm	2010/11/15

PEng Reviewer's Comments: Continue with current load rating

* Denotes Mandatory Information for Corporate Bridge Register

CK2005 Right to left

CK2005 Left to right

CK2005 Outlet-1

CK2005 INSDIE CSP

CK2005 Outlet