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BC Ministry of
Forests and Range

Corporate Bridge Register (CBR) Structure Inventory Data Form "CULVERTS"

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GENERAL	
*Structure #:	*Site #: CK-2339
*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert	Crossing Name:
*Forest District: CULLIWACK	Management Area:
*Forest Service Road: STAVE LAKE	Kilometres: 13.6
*Project File ID#: 8013	*Br. 61
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

CK-2339



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STRUCTURAL DETAILS			
*Culvert Number: 1 of 1	*Culvert Length (metres): 14.0	Gradient: -2 1/4	
*Culvert Type (not required for woodbox/log): ☐ Box ☐ Elliptical ☐ Open Bottom ☒ Round		*Culvert Material: ☐ Concrete ☐ Corrugated Steel ☐ Log ☐ Other ☐ Steel Non-Corrugated	
Inlet Cover Depth (mm): 300	Outlet Cover Depth (mm): 500		
*Opening Height (mm): 2000	*Opening Width (mm): 2000		
Headwall Location: ☐ 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: NOT ENOUGH FILL			



Routine Condition Culvert Inspection Form

GENERAL INFORMATION

*Site #:CLC-2339

*Structure #:

*FSR Name:STAGE LAKE

Longitude: (ddd / mm / ss.s)A9 30 20.1

Latitude: (ddd / mm / ss.s)122 16 14.9

*Crossing Name:

*Forest District:CHILWICK

*Type/Class:

☐ Major Culvert

☒ Woodbox/Log Culvert

*Kilometres:13.6

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

*Project File ID#8013

*Bt:01

User km:

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	NOT POSTED

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	GALV., SOME RUST ON FLOOR.
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	SOME RUST
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-2339					*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 2 (m)		*Est. Present Water Level Depth 2 (m)		*Est. Present Water Level Depth 2 (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								
	LEFT TO RIGHT								
	INLET								
	OUTLET								
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): (P Eng 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) 2010-09-10	*Inspection Company Name On-site Engineering Ltd	*Inspector's Name (print) Ali Sadeghi	Inspector's Signature						
Inspector's Comments									
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION									
Current Load Rating GWV (tonnes): (P Eng to update structure details screen in CBR as necessary)		68		Date of Next Planned Inspection (yyyy/mm/dd)			2013/09/01		
Reviewer Company Name MNRO		Reviewed by - P Eng's Name (print) G. Dohm		Reviewed by - P Eng's Signature Greg Dohm			Date Reviewed (yyyy/mm/dd) 2010/12/09		
P Eng Reviewer's Comments									

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