

(H)

Sep 10

ACTIVE

7

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

BC Ministry of
Forests and Range

GENERAL	
*Structure #:	*Site #: CK-233B
*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert	Crossing Name:
*Forest District: CHILLIWACK	Management Area:
*Forest Service Road: STAVE LAKE	Kilometres: 12.2
*Project File ID#: 8013	*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): <small>(PEng to enter / update this value on structure details screen in CBR)</small>	Design Load Rating GVW (tonnes): <small>(Typically obtained from design drawings)</small>
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 (\$):	
Portable Structure? ☐ Yes ☐ No	
REPLACEMENT DETAILS	
Original Replacement (year):	
Light Vehicle Traffic Replacement (year):	
*Full Log Haul Traffic Replacement (year): <small>(PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR).</small>	
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

* Denotes Mandatory Information for Corporate Bridge Register

CK-2338



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STRUCTURAL DETAILS			
*Culvert Number: <u>1</u> of 1	*Culvert Length (metres): <u>8.5</u>	Gradient: <u>- 2 1/8</u>	
*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): <u>800</u>	Outlet Cover Depth (mm): <u>900</u>		
*Opening Height (mm): <u>200</u>	*Opening Width (mm): <u>3000</u>		
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: <u>VERY LOW CLEARANCE</u>			



BC Ministry of Forests and Range
Routine Condition Culvert Inspection Form

GENERAL INFORMATION									
*Site #: <u>CK-2338</u>		*Crossing Name:		*Type/Class: ☐ Major Culvert ☒ Woodbox/Log Culvert		(enter either long/lat or UTM below- not both)			
*Structure #:						*Project File ID# <u>B013</u>		*Br. <u>01</u>	
*FSR Name: <u>STAG LAKE</u>		*Forest District: <u>CHILLIWACK</u>		*Kilometres: <u>12.2</u>		User km:			
Longitude: (ddd / mm / ss.s) <u>49 29 51.3</u>		UTM Easting		UTM Zone <u>OR</u>		UTM Northing			
Latitude: (ddd / mm / ss.s) <u>122 15 35.3</u>									
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)			<u>NOT POSTED</u>					
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	? } NOT VISIBLE					
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	INLET HAS VERY LOW CLEARANCE					
Outlet	E	G	F (P) UR	FILL ON LEFT APP. ACTUALLY RAUDELING INTO STREAM					
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						
Footings (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				NOT VISIBLE					
7									
8									
9									
10									
11									
12									



BC Ministry of Forests and Range
Routine Condition Culvert Inspection Form

GENERAL INFORMATION									
*Site #: <u>CK-2338</u>		*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 <u>0.2</u> (m)		*Est. Present Water Level Depth <u>3</u> (m)		*Est. Present Water Level Depth <u>0</u> (m)					
HAZARDS (circle yes or no for each item)									
High Water?	(Yes) No	Scour?	(Yes) No	Ice?	Yes	No	Debris?	Yes	No
Comments <u>FILL SCOPE ON DOWNSTREAM.</u>									
REPAIRS:									
Repair Item #	*Priority (circle)	☐ Recommended		☐ Not required		(H = High, M = Medium, L = Low)			
1	(H)	M	L			*Estimate (\$)			
2	H	M	L						
3	H	M	L						
*Monitoring Status: ☐ Recommended ☐ Not required									
Monitor Item #	*Monitor Description								
1	<u>RIGHT</u>								
2									
PHOTO LOG									
Photo #	Description			Photo #	Description				
	<u>RIGHT TO LEFT</u>				<u>RIGHT ABUT</u>				
	<u>LEFT TO RIGHT</u>				<u>FROM UPSTREAM</u>				
	<u>FROM DOWNSTREAM</u>								
	<u>LEFT ABUT</u>								
INSPECTOR TO COMPLETE THIS SECTION									
As-built Drawings Checked?	Yes <u>No</u>			P Eng Inspection Required?		Yes <u>No</u>		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)									
*Data of Inspection (yyyy/mm/dd)	<u>2010-09-10</u>			*Inspection Company Name		*Inspector's Name (print)		Inspector's Signature	
Inspector's Comments <u>VERY LOW HW CLEARANCE. FILL ON LEFT ABUT. DOWNSTREAM RAVELING CAUSE STRIKE ANY</u>									
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION									
Current Load Rating GVW (tonnes): <u>unknown</u>				Date of Next Planned Inspection (yyyy/mm/dd)			NA		
(P Eng to update structure details screen in CBR as necessary)									
Reviewer Company Name		Reviewed by - P Eng's Name (print)		Reviewed by - P Eng's Signature		Date Reviewed (yyyy/mm/dd)			
MNRO		G. Dohm		<u>Greg Dohm</u>		2010/12/09			
P Eng Reviewer's Comments									
CBR shows this as a CSP culvert - not a WBC which is									

* Denotes Mandatory Information for Corporate Bridge Register
what was inspected. Reinspect next year looking for CSP culvert or else figure out discrepancy.



CK2338 Right to left



CK2338 Left to right



CK2338 From downstream



CK2338 Left abutment



CK2338 Right abutment



CK2338 From upstream



CK2338 scour downstream fill slope