



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2339		*Site Status ☒ Active ☐ Barricaded/Closed ☐ Deactivated/Closed ☐ Proposed ☐ Transferred ☐ Under Construction	
*Site Type: ☐ Crossing ☐ Storage			
*Project File ID#: 8613		*Br. 01	
*Forest District: CHILLIWACK			
Management Area:			
*Forest Service Road: STAVE			
*Kilometres:		User Kilometres: 12.6	
*Crossing Name: SIDE CRK		Close Proximity Inspection Required? ☐ Yes ☐ No	
*Inspection Status: ☒ Inspect ☐ Do Not Inspect			
*BCTS Business Area (if applicable):			
Trim Map Sheet #:		1:50,000 Map Sheet #:	
Special Access Requirements: ☐ ATV ☐ Boat ☐ 4-Wheel Drive ☐ Gate Key ☒ Helicopter ☐ Isolated Public Access		Special Equipment Requirements: ☐ Peeper Truck ☐ Scuba	
Point of Access Description:			
Coordinates Longitude: (ddd / mm / ss.s)		Latitude: (ddd / mm / ss.s)	
UTM Zone: 10	UTM Easting: 552771	UTM Northing: 548007	

*Denotes Mandatory Information for Corporate Bridge Register



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

GENERAL	
*Structure #: CK-2339	*Site #: CK-2339
*Type/Class: ☒ Major Culvert ☐ Woodbox/Log Culvert	Crossing Name: SIDE CRK
*Forest District: CHILLIWACK	Management Area:
*Forest Service Road: STAVE	Kilometres: 12.6
*Project File ID#: 8013	*Br. 01
Built For: <div style="display: flex; justify-content: space-between;"> <div> ☐ BC Timber Sales ☐ Other Commercial Users ☐ Road Use Permit Holder </div> <div> ☐ Operations Division ☐ Road Permit Holder </div> </div>	
*Source: <div style="display: flex; justify-content: space-between;"> <div> ☐ Inherited: Found Structure ☐ Inherited: Non-Status Road ☐ Inherited: Reallocation ☒ New Structure ☐ Replacement Structure </div> <div> ☐ Inherited: From Oil & Gas/ Other Ministry ☐ Inherited: Transfers from Other Ministries </div> </div>	
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: <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">☐ BCL625</div> <div style="width: 33%;">☐ CL625</div> <div style="width: 33%;">☐ L100</div> <div style="width: 33%;">☐ L120</div> <div style="width: 33%;">☐ L150</div> <div style="width: 33%;">☐ L165</div> <div style="width: 33%;">☐ L45</div> <div style="width: 33%;">☐ L60</div> <div style="width: 33%;">☐ L75</div> <div style="width: 33%;">☐ L90</div> <div style="width: 33%;">☐ Other</div> </div>	
*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): <small>(PEng to review and evaluate inspector's estimate, and to enter /update this value on structure details screen in CBR).</small> 2045
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

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

STRUCTURAL DETAILS		
*Culvert Number: <u>1</u> of 1	*Culvert Length (metres): <u>14.0</u>	Gradient: <u>2.07</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>300</u>	Outlet Cover Depth (mm): <u>500</u>	
*Opening Height (mm): <u>2000</u>	*Opening Width (mm): <u>2000</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:		



Routine Condition Culvert Inspection Form

GENERAL INFORMATION				(enter either long/lat or UTM below - not both)		
*Site #: CK 2339	*Crossing Name: Side Creek	*Type/Class: ☒ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# 8013			
*Structure #: CK 2339			*Br. 01			
*FSR Name: Stave River	*Forest District: Chilliwack	*Kilometres: 13.60	User km: 13.60			
Longitude: (ddd / mm / ss.s)		OR	UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s)			10	552771	548007	
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	Galvanized, 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					
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						
7						
8						
9						
10						
11						
12						



Routine Condition Culvert Inspection Form

GENERAL INFORMATION

*Site #: CL-2339*Structure #: CL-2339

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 0.0 (m)*Est. High Water Level Clearance 1 (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
1	Inlet	5	Outlet
2	from left		
3	inside		
4	from right		

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): <u>2045</u> (PEng to review and evaluate inspector's estimate against the Haul Traffic Replacement (year) on structure details sheet (table))
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*Date of Inspection (yyyy/mm/dd) <u>2013/09/25</u>	*Inspection Company Name <u>ONSITE</u>	*Inspector's Name (print) <u>Jeremy Araki</u>	Inspector's Signature <u>J. P. Araki</u> # 29756 PROFESSIONAL ENGINEER BRITISH COLUMBIA
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) 2016/09/30	
Reviewer Company Name MoF	Reviewed by - PEng's Name (print) T. Miller	Reviewed by - PEng's Signature 	Date Reviewed (yyyy/mm/dd) 2014/01/14

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

* Denotes Mandatory Information for Corporate Bridge Register





CK-2339 Inlet



CK-2339 From Left



CK-2339 Inside



CK-2339 From Right



CK-2339 Outlet

25-Sep-13