



BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2273		*Site Status ☒ Active ☐ Barricaded/Closed ☐ Deactivated/Closed ☐ Proposed ☐ Transferred ☐ Under Construction	
*Site Type: ☒ Crossing ☐ Storage			
*Project File ID#: 8013		*Br. 61	
*Forest District: CHILLIWACK			
Management Area:			
*Forest Service Road: STAVE			
*Kilometres: 30.90		User Kilometres: 29	
*Crossing Name:		Close Proximity ☐ Yes ☐ No Inspection Required?	
*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: 16	UTM Easting: 543334	UTM Northing: 5493223	

*Denotes Mandatory Information for Corporate Bridge Register



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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>17.6</u>	Gradient: <u>2.0 %</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>1,100</u>	Outlet Cover Depth (mm): <u>1,000</u>	
*Opening Height (mm): <u>2,200</u>	*Opening Width (mm): <u>3,700</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-2273		*Crossing Name:		*Type/Class: ☒ Major Culvert ☐ Woodbox/Log Culvert		*Project File ID# 8013	
*Structure #: CK-2273		not known				*Br. 01	
*FSR Name: Stave River		*Forest District: Chilliwack		*Kilometres: 30.90		User km: 29.0	
Longitude: (ddd / mm / ss.s)				OR	UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s)					10	543334	5493223
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	Slight 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							



Routine Condition Culvert Inspection Form

GENERAL INFORMATION

*Site #: CK-2273

*Structure #: CK-2273

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 Width 6.0 (m) *Est. High Water Level Clearance 1.5 (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
1	From Left	5	Inlet
2	From Right	6	Outlet
3	Inside		
4	Km sign		

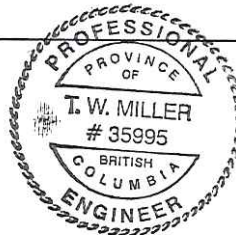
INSPECTOR TO COMPLETE THIS SECTION

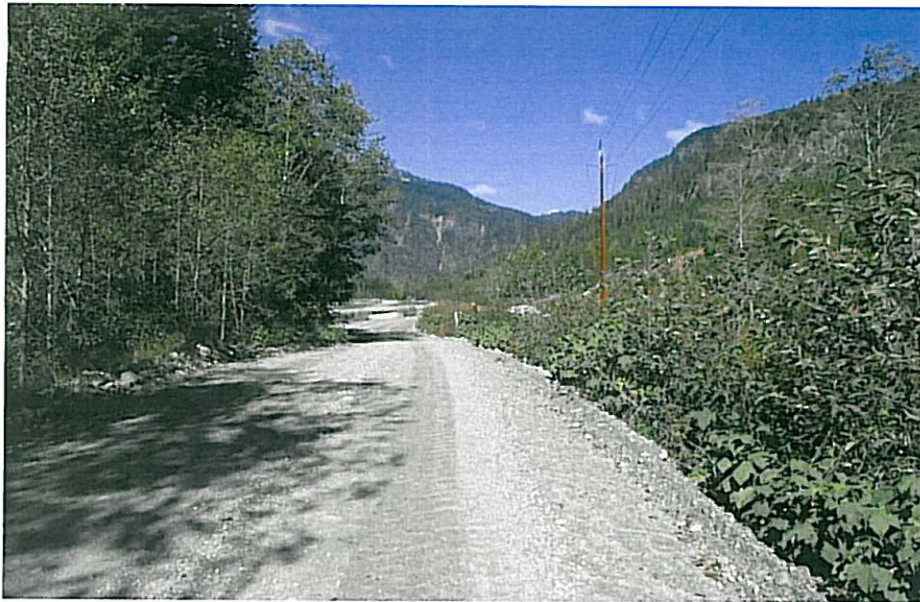
As-built Drawings Checked? Yes (No) P Eng Inspection Required? Yes (No) Inspector's Estimate of Full Log Haul Traffic Replacement Date (year):
(PEng to review and evaluate inspector's estimate, and to update "Full Log Haul Traffic Replacement (year)" on structure details screen in CBR as necessary)*Date of Inspection (yyyy/mm/dd) 2013/09/25 *Inspection Company Name ONSITE *Inspector's Name (print) Jeremy Araki Inspector's Signature J. C. P. ARAKI # 29756
Inspector's Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 68 tonnes Date of Next Planned Inspection (yyyy/mm/dd) 2016/09/30
(PEng to update structure details screen in CBR as necessary)
Reviewer Company Name MoF Reviewed by - PEng's Name (print) T. Miller Reviewed by - PEng's Signature Date Reviewed (yyyy/mm/dd) 2014/01/14PEng Reviewer's Comments
Present load rating of L75 or 68 tonnes to continue.

* Denotes Mandatory Information for Corporate Bridge Register





CK-2273 From Left



CK-2273 From Right



CK-2273 Inside



CK-2273 Km Sign

SEP 25 2013



Ck-2273 Inlet



CK-2273 Outlet

SEP 25 2013