



BC Ministry of
Forests and Range

Page 1 of 1

Corporate Bridge Register (CBR) SITE INVENTORY DATA FORM

*Site # CK-2422		*Site Status ☒ Active ☐ Barricaded/Closed ☐ Deactivated/Closed ☐ Proposed ☐ Transferred ☐ Under Construction	
*Site Type: ☒ Crossing ☐ Storage			
*Project File ID#: 8013		*Br. 01	
*Forest District: CHILLIWACK			
Management Area:			
*Forest Service Road: STAVE			
*Kilometres: 25.20		User Kilometres: 24	
*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: 10	UTM Easting: 546103	UTM Northing: 5490786	

*Denotes Mandatory Information for Corporate Bridge Register



BC Ministry of
Forests and Range

Page 1 of 2

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

GENERAL	
*Structure #: CK-2422	*Site #: CK-2422
*Type/Class: ☒ Major Culvert ☐ Woodbox/Log Culvert	Crossing Name:
*Forest District: CHILLIWACK	Management Area:
*Forest Service Road: STAVE	Kilometres: 24
*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> 2022
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

* Denotes Mandatory Information for Corporate Bridge Register



BC Ministry of
Forests and Range

Page 2 of 2

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

STRUCTURAL DETAILS		
*Culvert Number: <u>1</u> of 1	*Culvert Length (metres): <u>15.0</u>	Gradient: <u>5.0 %</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>2000</u>	Outlet Cover Depth (mm): <u>3000</u>	
*Opening Height (mm): <u>1200</u>	*Opening Width (mm): <u>1400</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-2422	*Crossing Name: not known	*Type/Class: ☒ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# 8013			
*Structure #: CK-2422			*Br. 01			
*FSR Name: Stave River	*Forest District: Chilliwack	*Kilometres: 25.20	User km: 24			
Longitude: (ddd / mm / ss.s) _____		OR	UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) _____			10	546103	5490786	
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	slight curve through culverts
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	
Embedment Materials (N/A to woodbox/log culvert)	E	G	F	P	N/A UR	
Fill	E	G	F	P	UR	Some sloughing between inlets
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	Left buried and partly crushed; right damaged
Outlet	E	G	F	P	UR	FILL RAVELLING
Overall	E	G	F	P	UR	
Riprap	E	G	F	P	N/A UR	Sloughed off above left inlet and at outlet
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-2422

*Structure #: CK-2422

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 1.0 (m) *Est. High Water Level Clearance 0.0 (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	\$1.00	Fix left inlet
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	Outlet
2	Culvert 1	6	Outlet Fill
3	From Right	7	Culvert 2
4	Inlet		

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): 2026

(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)

2013/09/25

*Inspection Company Name

ONSITE

*Inspector's Name (print)

Jeremy Araki

Inspector's Signature

J.C. PARAKI

Inspector's Comments

clean inlet

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes):

(PEng to update structure details screen in CBR as necessary)

Date of Next Planned Inspection (yyyy/mm/dd)

NA

Reviewer Company Name

MoF

Reviewed by - PEng's Name

(print) T. Miller

Reviewed by - PEng's Signature

T. Miller

Date Reviewed (yyyy/mm/dd)

2014/01/15

PEng Reviewer's Comments

This is not a major/engineered structure, inspect with regular road inspections. Clean inlet and outlet.

* Denotes Mandatory Information for Corporate Bridge Register

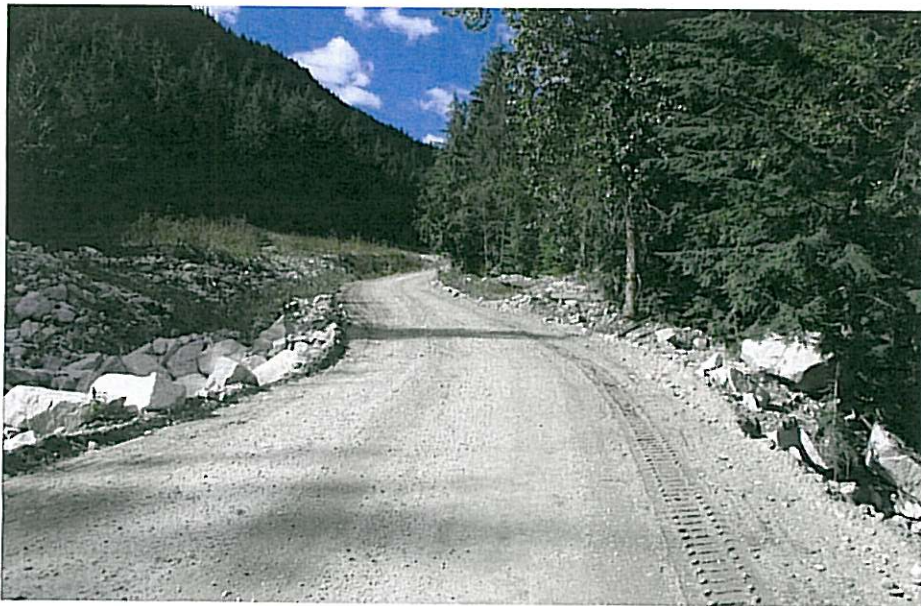




CK-2422 From Left



CK-2422 Culvert 1



CK-2422 From Right



CK-2422 Inlet



CK-2422 Outlet



CK-2422 Outlet Fill



CK-2422 Culvert 2