BC Ministry of Forests and Range

Corporate Bridge Register (CBR)

SITE INVENTORY DATA FORM

*Site # CK-2336	*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: 7.2	User Kilometres:
*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: 556345 UTM Northing: 5485564

*Denotes Mandatory Information for Corporate Bridge Register

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Structure Inventory Data Form "CULVERTS"

GENERAL	
*Structure #: CK-2336	*Site #: CK-2336
*Type/Class: ☑ Major Culvert ☐ Woodbox/Log Culvert	Crossing Name: SIDE CRK
*Forest District: CHILLIWACK	Management Area:
*Forest Service Road: STAVE	Kilometres: 7.2
*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): (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). 2015
Estimated Replacement Cost ($):	
Replacement Cost Comments:	

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Structure Inventory Data Form "CULVERTS"

STRUCTURAL DETAILS		
*Culvert Number: 1 of 1	*Culvert Length (metres): 12.5	Gradient: 2.0 %

*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): 450	Outlet Cover Depth (mm): 800
*Opening Height (mm): 1800	*Opening Width (mm): 2300
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:	

BC Ministry of Forests and Range

Routine Condition Culvert Inspection Form

GENERAL INFORMATION

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

*Site #: CK-2336 *Structure #: CK-2336	*Crossing Name: Side Creek	*Type/Class: ☐ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# 8013 *Br. 01
*FSR Name: Stave River	*Forest District: Chilliwack	*Kilometres: 7.20	User km: 7.20

Longitude: (ddd / mm / ss.s) _____ OR

Latitude: (ddd / mm / ss.s) _____

UTM Zone	UTM Easting	UTM Northing
10	556345	5480564

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)	But not narrowed
Brushing Required	Yes (No)	
Delineator Missing Left	0 1 (2)	But not narrowed
Delineator Missing Right	0 1 (2)	But not narrowed
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	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-23336 | *Structure #: CK-2336

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 1.2 (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
1	Inlet	5	Outlet
2	From left		
3	Inside		
4	From Right		

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): 2045

(PEng to review and evaluate inspector's estimate and complete Full Log Haul Traffic Replacement (year)" on structure details screen in CBR)

*Date of Inspection (yyyy/mm/dd)	*Inspection Company Name	*Inspector's Name (print)	Inspector's Signature
2013/09/25	ONSITE	Jeremy Araki	

J. C. F. ARAKI # 29756 BRITISH COLUMBIA ENGINEER

Inspector's Comments

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)
68 tonnes	2016/09/30

Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
MoF	T. Miller		2014/01/14

PEng Reviewer's Comments

Present load rating of L75 or 68 tonnes to continue.

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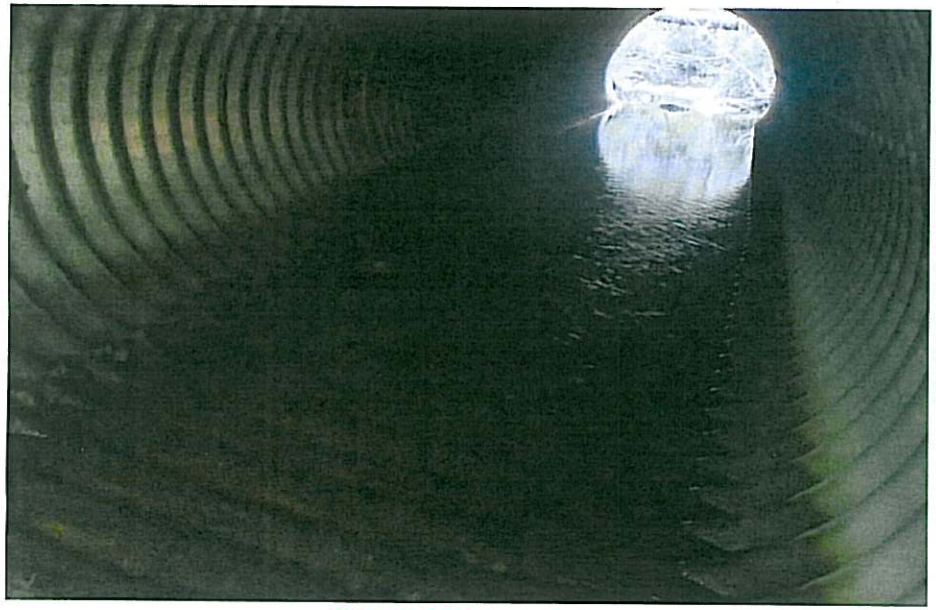
PROFESSIONAL PROVINCE OF T. W. MILLER # 35995 BRITISH COLUMBIA ENGINEER

CK-2336 Inlet

CK-2336 From Left



CK-2336 Inside

CK-2336 From Right

CK-2336 Oultet