ck2399

BC Ministry of Forests and Range

Bridge Register

Structure Inventory Data Form
CULVERTS

STRUCTURAL DETAILS		
*Culvert Number: 1 of 1	*Culvert Length (metres): 10	Gradient: -2%

*Culvert Type: ☐ Box ☐ Elliptical ☐ Open Bottom ☑ Round	*Culvert Material: ☐ Concrete ☑ Corrugated Steel ☐ Log ☐ Other ☐ Steel Non-Corrugated)
*Inlet Cover Depth (mm): 0.70	*Outlet Cover Depth (mm): 0.70
*Opening Height (mm): 1000	*Opening Width (mm): 1000
*Headwall Location: ☐ Both ☐ Inlet ☑ None ☐ Outlet	Open Bottom Substructure: ☐ Cast in Place Concrete Footing ☐ Lock-Block Footing ☐ Piles ☑ Precast Concrete Footing ☐ Steel Footing

Comments:

* Structure completely plugged. The inlet should be cleaned immediately

BC Ministry of Forests and Range

Routine Condition Culvert Inspection Form

GENERAL INFORMATION

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

Site # ck 2399		Structure #		
FSR Name Lost Murdo	User km 2 km	Project File ID 8466		Branch OT
Longitude: (ddd / mm / ss.s) 49°17'59.8" OR		UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) 122°13'20.5"				

LEFT/RIGHT APPROACHES (as seen facing downstream)

E = excellent; G = good; F = fair; P = poor; N/A = not appl.

Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)
Alignment	E G F (P)	Tight Horizontal Curve
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)	
Posted Load Rating (tonnes)		
Road Surface	E G F (P)	Woody Debris + Debris deposited on Road Surface. No 4x4 Access beyond this point

GENERAL CULVERT ITEMS

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Baffles	E G F P (N/A)	
Bolted Connections	E G F P (N/A)	
Coupled Connections	E G F P (N/A)	
Coating	E G (F) (P) N/A	Rusted @ Floor
Embedment Materials	E G F P (N/A)	
Fill	E G (F) P	Road Surface slightly skewed.
Roof	E (G) F P	
Side Walls	E (G) F P	
Floor	E G (F) P N/A	Rusted
Head Walls	E G F P (N/A)	
Wing Walls	E G F P (N/A)	
Inlet	E G F (P)	Plugged w/ Debris, 0 high water clearance
Outlet	E (G) F P	
Overall	E G F (P)	Inlet needs to be cleared.
Riprap	E (G) F P N/A	
Trash Rack	E G F P (N/A)	
Weirs/Backwater Structures	E G F P (N/A)	

LOG CULVERTS ONLY

Stringer #	Ave. rot depth (mm)	Diameter (mm)	Wood Species	Comments (a comment is mandatory if condition "Poor" is selected)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				

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Routine Condition Culvert Inspection Form

GENERAL INFORMATION

Site # Ok2399 | Structure #

LOG CULVERTS ONLY (continued)

Stringer #	Ave. rot depth (mm)	Diameter (mm)	Wood Species	Comments (a comment is mandatory if condition "Poor" is selected)
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

Comments

CHANNEL

Est. Present Water Level Depth (m) 0.10 | Est. Present Water Level Width (m) 0.2 | Est. High Water Level Clearance (m) 02

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 Clean Inlet. Structure Completely Plugged.

REPAIRS (H = High, M= Medium, L = Low)

#	Priority (circle)	Estimate ($)	Description
1	(H) M L		Clean Inlet
2	H M L		
3	H M L		

ITEMS TO MONITOR

#	Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	Wood in Ramp?		Inlet
	US XR		Outlet
	DS		Road Surface Erosion
	Crimped in Inlet		Redlodd Ton Road

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked?	P Eng Inspection Required? Yes No	Date of Inspection (yyyy/mm/dd)
Yes (No)		2009-10-10
Inspection Company Name	**Inspector's Name (print)**	**Inspector's Signature**
Eagle Eng & Geo. Ltd.	Ali Sadeghi	

Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes):		Date of Next Inspection	
Reviewer Company Name	**Reviewed by - PEng's Name (print)**	**Reviewed by - PEng's Signature**	**Date Reviewed (yyyy/mm/dd)**
	L. Stevanovic	Digitally signed by L. Stevanovic Date: 2010.03.05 17:11:40 -08'00'	

Comments