

CK-2164

ACTIVE

BC Ministry of
Forests and Range

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Bridge Register
Structure Inventory Data Form
CULVERTS

STRUCTURAL DETAILS

*Culvert Number: of 1	*Culvert Length (metres): 20	Gradient: 10°/o
*Culvert Type: ☐ Box ☒ Elliptical ☐ Open Bottom ☐ Round		*Culvert Material: ☐ Concrete ☒ Corrugated Steel ☐ Log ☐ Other ☐ Steel Non-Corrugated)
*Inlet Cover Depth (mm): 600	*Outlet Cover Depth (mm): 900	
*Opening Height (mm): 1200	*Opening Width (mm): 1800	
*Headwall Location: ☐ Both ☐ Inlet ☒ None ☐ Outlet		Open Bottom Substructure: ☐ 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 - not both)

Site #	CK 2164	Structure #	
FSR Name	LST CK FSR	User km	1.5
Project File ID	8461	Branch	C1
Longitude: (ddd / mm / ss.s)	49 17 26.7	OR	
Latitude: (ddd / mm / ss.s)	122 13 41.6	UTM Zone	
		UTM Easting	
		UTM Northing	

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 VERTICAL 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)	NEEDED, STEEP FILL SLOPE
Posted Load Rating (tonnes)		
Road Surface	E G (F) P	SOME POTHOLES FORMING

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	SLIGHT RUST ON FLOOR
Embedment Materials	E G F P (N/A)	
Fill	E (G) F P	
Roof	E (G) F P	
Side Walls	E (G) F P	
Floor	E G (F) P N/A	
Head Walls	E G F P (N/A)	
Wing Walls	E G F P (N/A)	
Inlet	E G (F) P	CONSIDER INSTALLING A SUMP, CHANNEL
Outlet	E G (F) P	SCORE AT OUTLET
Overall	E G (F) P	
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				



Routine Condition Culvert Inspection Form

GENERAL INFORMATION				
Site # <u>CK2164</u>			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) <u>0.1</u>		Est. Present Water Level Width (m) <u>0.5</u>		Est. High Water Level Clearance (m) <u>0.8</u>
HAZARDS (circle yes or no for each item)				
High Water?	Yes <u>No</u>	Scour?	Yes <u>No</u>	Ice?
				Yes <u>No</u>
Debris?	Yes <u>No</u>	Aggradation?	Yes <u>No</u>	
Comments <u>RES. GROUND WAT. AT OUTLET AS CSP. INSTALLED ON A VERY STEEP FULL SLOPE</u>				
REPAIRS (H = High, M = Medium, L = Low)				
#	Priority (circle)	Estimate (\$)	Description	
1	H M L			
2	H M L			
3	H M L			
ITEMS TO MONITOR				
#	Description			
1				
2				
PHOTO LOG				
Photo #	Description	Photo #	Description	
	<u>LEFT TO RIGHT</u>			
	<u>INLET</u>			
	<u>RIGHT TO LEFT</u>			
	<u>OUTLET</u>			
INSPECTOR TO COMPLETE THIS SECTION				
As-built Drawings Checked? Yes <u>No</u>		P Eng Inspection Required? Yes <u>No</u>	Date of Inspection (yyyy/mm/dd) <u>2010-08-09</u>	
Inspection Company Name		Inspector's Name (print) <u>ALI SADEGH</u>	Inspector's Signature <u>[Signature]</u>	
Comments				
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION				
Current Load Rating GVW (tonne):		Date of Next Inspection <u>2013/09/01</u>		
Reviewer Company Name <u>MNRO</u>	Reviewed by - P Eng's Name (print) <u>G. Dohm</u>	Reviewed by - P Eng's Signature <u>[Signature]</u>	Date Reviewed (yyyy/mm/dd) <u>2010/10/30</u>	
Comments				



CK2164 Right to left



CK2164 Left to right



CK2164 Outlet



CK2164 Inlet