

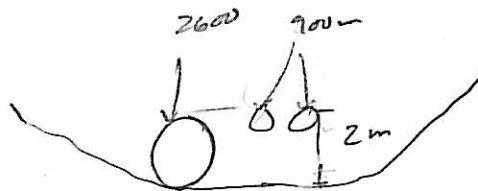
ck2471

BC Ministry of
Forests and Range

Page 2 of 2

Bridge Register Structure Inventory Data Form CULVERTS

STRUCTURAL DETAILS		
*Culvert Number: 1 of 1	*Culvert Length (metres): 32.1	Gradient: -7%
*Culvert Type: ☐ Box ☐ Elliptical ☐ Open Bottom ☒ Round		*Culvert Material: ☐ Concrete ☒ Corrugated Steel ☐ Log ☐ Other ☐ Steel Non-Corrugated)
*Inlet Cover Depth (mm): Approx 5m		*Outlet Cover Depth (mm): Approx 5m
*Opening Height (mm): 2600		*Opening Width (mm): 2600
*Headwall Location: ☐ Both ☐ Inlet ☒ None ☐ Outlet		Open Bottom Substructure: ☐ Cast in Place Concrete Footing ☐ Lock-Block Footing ☐ Piles ☒ Precast Concrete Footing ☐ Steel Footing
Comments: 2 Fail Safe Culverts (900mm x 2) Approx. 2m from Culvert Inlet.		





Routine Condition Culvert Inspection Form

GENERAL INFORMATION				(enter either long/lat or UTM - not both)			
Site #	CK2471			Structure #			
FSR Name	Chehalis Mts. FSR		User km	3.1	Project File ID	8241	
Longitude: (ddd / mm / ss.s)	121° 59' 14.7"		OR	UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s)	49° 24' 24.4"						
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)	On a hairpin. Actively eroding cut slope on Camp approach			
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			
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	Gaps at Joints		
Coating	E	G	(F)	P	LSP showing signs of NSI		
Embedment Materials	E	G	F	P	(N/A)		
Fill	E	(G)	F	P	Culvert placed in large amount of fill (N5em)		
Roof	E	(G)	F	P			
Side Walls	E	(G)	F	P			
Floor	E	G	(F)	P	Rust		
Head Walls	E	G	F	P	(N/A)		
Wing Walls	E	G	F	P	(N/A)		
Inlet	E	(G)	F	P			
Outlet	E	G	(F)	P	outlet not well armored, some slough		
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>ck2471</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</u>		Est. Present Water Level Width (m) <u>0</u>		Est. High Water Level Clearance (m) <u>3.2</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>Large amount of bedload present upstream.</u> <u>Due to bedload deposit U.S.</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	<u>Traveling slope on camp side could impede access</u>			
2				
PHOTO LOG				
Photo #	Description	Photo #	Description	
	<u>Wood to Camp</u>		<u>Traveling Camp approach</u>	
	<u>v/s</u>		<u>Inlet</u>	
	<u>D/S</u>		<u>Outlet</u>	
	<u>Camp to Wined</u>		<u>Pipe</u>	
INSPECTOR TO COMPLETE THIS SECTION				
As-built Drawings Checked? Yes <u>No</u>		P Eng Inspection Required? Yes No	Date of Inspection (yyyy/mm/dd) <u>2009-10-07</u>	
Inspection Company Name <u>FRASER ENGINEERING & MECHANICAL LTD.</u>		Inspector's Name (print) <u>Ali Sadeghi</u>	Inspector's Signature <u>[Signature]</u>	
Comments				
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION				
Current Load Rating GVW (tonnes):		Date of Next Inspection		
Reviewer Company Name <u>MFR</u>	Reviewed by - PEng's Name (print) <u>L. Stevanovic</u>	Reviewed by - PEng's Signature Digitally signed by L. Stevanovic Date: 2010.02.15 13:58:39 -08'00'	Date Reviewed (yyyy/mm/dd)	
Comments <u>Clean channel at inlet.</u>				