

**Routine Condition Culvert Inspection Form**

GENERAL INFORMATION				(enter either long/lat or UTM below - not both)		
*Site #: <u>CK 2471</u>	*Crossing Name: <u>Side Crk</u>	*Type/Class: ☒ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# <u>8241</u>			
*Structure #: <u>CK 2471</u>	*Forest District: <u>Chuckle</u>	*Kilometres: <u>3.2 km</u>	*Br. <u>16</u>			
*FSR Name: <u>Chehalis - Main</u>	*User km: <u>3.2 km</u>					
Longitude: (ddd / mm / ss.s) <u>121 59 21.3</u>	OR	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s) <u>49 24 20.1</u>						
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	tough HC - both approaches have ravelled, slopes			
Bridge Ahead Signs Missing	0	1 2	culvert, not req'd			
Brushing Required	Yes	No				
Delineator Missing Left	0	1 2	culvert, not req'd			
Delineator Missing Right	0	1 2	culvert, not req'd			
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	~4m @ inlet : ~5m @ outlet			
Roof	E	G F P UR				
Side Walls	E	G F P UR				
Floor	E	G F P N/A UR	minor 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	outlet pitched ~ 1.5 m drop, some scour			
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						



Routine Condition Culvert Inspection Form

GENERAL INFORMATION

*Site #: CL 2471*Structure #: CL 2471

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 1.5 (m) *Est. High Water Level Clearance _____ (m)

HAZARDS (circle yes or no for each item)

High Water? Yes No Scour? Yes No Ice? Yes No Debris? Yes No Aggradation? Yes NoComments bedload present upstreamREPAIRS: ☐ 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	<u>③ Outlet scour</u>
2	<u>ravelling slopes on both approaches</u>
	<u>bedload @ inlet</u>

PHOTO LOG

Photo #	Description	Photo #	Description

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked? Yes <u>No</u>	P Eng Inspection Required? Yes <u>No</u>	Inspector's Estimate of Full Log Culvert Replacement Date (year): (P Eng to review and evaluate inspector's estimate and determine Log Haul Traffic Replacement (year) on structure details screen in CBR as necessary)
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*Date of Inspection (yyyy/mm/dd) <u>2011/11/16</u>	*Inspection Company Name <u>MoF</u>	*Inspector's Name (print) <u>Tyson Miller</u>	Inspector's Signature <u>[Signature]</u>
Inspector's Comments <u>2600mm x 3.5m thick</u>			

PROFESSIONAL ENGINEER (PENG) TO COMPLETE THIS SECTION

Current Load Rating GWW (tonnes): (P Eng to update structure details screen in CBR as necessary)	<u>136</u>	Date of Next Planned Inspection (yyyy/mm/dd)	<u>2014/09/30</u>
Reviewer Company Name <u>MoF</u>	Reviewed by - P Eng's Name (print) <u>T. Miller</u>	Reviewed by - P Eng's Signature <u>[Signature]</u>	Date Reviewed (yyyy/mm/dd) <u>2011/11/16</u>
P Eng Reviewer's Comments <u>Present load rating of 450 or 136 tonnes to</u>			

* Denotes Mandatory Information for Corporate Bridge Register

continue.



Town approach



Woods approach



Inlet



Inlet



Outlet



Outlet drop