



Routine Condition Culvert Inspection Form

GENERAL INFORMATION				(enter either long/lat or UTM below- not both)		
*Site #: <u>CK-2358</u>	*Crossing Name:	*Type/Class: ☐ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# <u>8466</u>			
*Structure #:			*Br. <u>01</u>			
*FSR Name: <u>Lost Creek</u>	*Forest District: <u>DCK</u>	*Kilometres: <u>3.1 km</u>	User km: <u>3.0 km</u>			
Longitude: (ddd / mm / ss.s) <u>122 14 25.6</u>	OR	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s) <u>49 18 11.0</u>	<u>±5m</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 <u>G</u> F P UR					
Bridge Ahead Signs Missing	0 1 <u>2</u>		<u>Not req'd</u>			
Brushing Required	Yes <u>No</u>					
Delineator Missing Left	<u>0</u> 1 2					
Delineator Missing Right	<u>0</u> 1 2					
Fender Condition	E G F P <u>None</u> UR		<u>Not req'd</u>			
Posted Load Rating	_____ (tonnes) or <u>None</u>					
Road Surface	E <u>G</u> 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 <u>N/A</u> UR					
Bolted Connections (N/A to woodbox/log culvert)	E G F P <u>N/A</u> UR					
Coupled Connections (N/A to woodbox/log culvert)	E G F P <u>N/A</u> UR					
Coating (N/A to woodbox/log culvert)	E G <u>F</u> P N/A UR		<u>some rust on floor</u>			
Embedment Materials (N/A to woodbox/log culvert)	E G F P <u>N/A</u> UR					
Fill	E <u>G</u> F P UR		<u>0.7m @ inlet, 0.8m @ outlet</u>			
Roof	E <u>G</u> F P UR					
Side Walls	E <u>G</u> F P UR					
Floor	E G <u>F</u> P N/A UR		<u>some rust</u>			
Head Walls	E G F P <u>N/A</u> UR					
Wing Walls	E G F P <u>N/A</u> UR					
Inlet	E G F <u>P</u> UR		<u>woods culvert 2/3 plugged</u>			
Outlet	E G <u>F</u> P UR		<u>scour 12m plunge pool on town culvert</u>			
Overall	E G F <u>P</u> UR		<u>due to inlet of woods culvert & outlet of town</u>			
Riprap	E G <u>F</u> P N/A UR		<u>but poor @ outlet of town culvert - scour</u>			
Trash Rack	E G F P <u>N/A</u> UR					
Weirs/Backwater Structures	E G F P <u>N/A</u> UR					
Footing (N/A to woodbox/log culvert)	E G F P <u>N/A</u> 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				<u>2- 1800mm CSPs</u>		
6						
7						
8						
9						
10						
11						
12						



Routine Condition Culvert Inspection Form

GENERAL INFORMATION

*Site #: CK-2358

*Structure #:

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 (m) *Est. Present Water Level Width 0 (m) *Est. High Water Level Clearance 0.5 (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	<u>H</u> M L		clean inlet, unplug woods culvert
2	<u>H</u> M L		dig large sump
3	H M L		

*Monitoring Status: ☒ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	inlet aggradation
2	scour @ outlet of town culvert

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 Haul Traffic Replacement Date (year): (PEng to review and evaluate inspector's estimate, and to update "Full Log Haul Traffic Replacement (year)" on structure details screen in CBR)
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*Date of Inspection (yyyy/mm/dd) <u>2013/05/08</u>	*Inspection Company Name <u>MOF</u>	*Inspector's Name (print) <u>T. Miller</u>	Inspector's Signature <u>[Signature]</u>
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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)	
63 tonnes		2014/09/30	
Reviewer Company Name	Reviewed by - PEng's Name (print)	Reviewed by - PEng's Signature	Date Reviewed (yyyy/mm/dd)
MOF	T. Miller	[Signature]	2013/05/14

PEng Reviewer's Comments

Clean inlet, unplug woods culvert, dig large sump; monitor inlet aggradation as the channel will continue to transport bedload & debris. Monitor scour @ outlet. BCL-625 or 63 tonnes load rating.

* Denotes Mandatory Information for Corporate Bridge Register



