



Routine Condition Culvert Inspection Form

GENERAL INFORMATION				(enter either long/lat or UTM below - not both)			
*Site #: <u>CK-2211</u>	*Crossing Name: <u>Side Creek</u>	*Type/Class: ☒ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# <u>8117</u>		*Br. <u>01</u>		
*Structure #:	*Forest District: <u>CK</u>	*Kilometres:	User km: <u>2.8</u>				
*FSR Name: <u>North Emory Creek</u>							
Longitude: (ddd / mm / ss.s) <u>W 120° 26' 23.1"</u>	<u>N 19° 30' 41.8"</u>	<u>OR</u>	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s)							
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 <u>(P)</u> UR		<u>sharp curve and grade dip</u>				
Bridge Ahead Signs Missing	0 1 <u>(2)</u>						
Brushing Required	Yes <u>(No)</u>						
Delineator Missing Left	0 1 <u>(2)</u>						
Delineator Missing Right	0 1 <u>(2)</u>						
Fender Condition	E G F P <u>(None)</u> UR						
Posted Load Rating	(tonnes) or <u>(None)</u>						
Road Surface	E <u>(G)</u> F P UR		<u>well graded & compacted</u>				
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 <u>(G)</u> F P <u>(N/A)</u> UR						
Coating (N/A to woodbox/log culvert)	E <u>(G)</u> F P <u>(N/A)</u> UR						
Embedment Materials (N/A to woodbox/log culvert)	E G F P <u>(N/A)</u> UR						
Fill	E G F <u>(P)</u> UR		<u>Falling fill slope on outlet left side</u>				
Roof	E <u>(G)</u> F P UR		<u>inlet cover 0.8m, outlet 1.2m</u>				
Side Walls	E <u>(G)</u> F P UR						
Floor	E G <u>(P)</u> P <u>(N/A)</u> 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 <u>(G)</u> F P UR						
Outlet	E G <u>(P)</u> P UR		<u>Erosion on left approach & left side outlet</u>				
Overall	E <u>(G)</u> F P UR						
Riprap	E <u>(G)</u> F P <u>(N/A)</u> UR		<u>BT FAIR OUTLET</u>				
Trash Rack	E G F P <u>(N/A)</u> UR						
Weirs/Backwater Structures	E G F P <u>(N/A)</u> UR						
Footings (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							
6							
7							
8							
9							
10							
11							
12							



Routine Condition Culvert Inspection Form

GENERAL INFORMATION

*Site #: CK-2211

*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 0.05 (m)*Est. Present Water Level Width 0.8 (m)*Est. High Water Level Clearance 0.8 (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	H M L		
2	H M L		
3	H M L		

*Monitoring Status: ☐ Recommended ☐ Not required

Monitor Item #	*Monitor Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
1	R->L	5	Inlet
2	L->R		
3	Left approach fill		
4	Outlet		

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): <u>2040</u> (P Eng to review and evaluate Inspector's estimate, and to provide replacement (year) on structure details screen in CBR)
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*Date of Inspection (yyyy/mm/dd) <u>2011/11/08</u>	*Inspection Company Name <u>ONSITE ENG LTD</u>	*Inspector's Name (print) <u>Jerem Araki</u>	Inspector's Signature <u>J. C. R. ARAKI</u> # 29756 PROFESSIONAL ENGINEER BRITISH COLUMBIA
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Inspector's Comments
LEFT APPROACH PRIOR TO INDUSTRIAL ACTIVITY

PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 91 tonnes (PEng to update structure data's screen in CBR as necessary)		Date of Next Planned Inspection (yyyy/mm/dd) 2012/09/30	
Reviewer Company Name MoF	Reviewed by - PEng's Name (print) T. Miller	Reviewed by - PEng's Signature 	Date Reviewed (yyyy/mm/dd) Jan 24, 2012

P Eng Reviewer's Comments

Stabilize left approach prior to industrial activity. Present load rating of L100 or 91 tonnes to continue.

* Denotes Mandatory Information for Corporate Bridge Register





CK2211 Right Approach Fill erosion



CK2211 Right to Left Approach



CK2211 Outlet



CK2211 Left to Right Approach



CK2211 Inlet