



Routine Condition Culvert Inspection Form

GENERAL INFORMATION				(enter either long/lat or UTM below-- not both)			
*Site #: <u>CK 2208</u>	*Crossing Name: <u>Side Crk</u>	*Type/Class: ☒ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# <u>8019</u>				
*Structure #: _____	*Forest District: <u>CK</u>	*Kilometres: _____	*Br. <u>02</u>				
*FSR Name: <u>NORTH ALASKA</u> <u>MOUNTAIN</u>	*Forest District: <u>CK</u>	*Kilometres: _____	User km: <u>403 22.5</u>				
Longitude: (ddd / mm / ss.s) <u>50° 05' 59.5"</u>	Latitude: (ddd / mm / ss.s) <u>121° 24' 11.3"</u>	OR ☐ 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., UR = Unrated							
Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)					
Alignment	E G <u>(F)</u> P UR	<u>Moderate curve & incline</u>					
Bridge Ahead Signs Missing	0 1 <u>(2)</u>						
Brushing Required	Yes <u>(No)</u>						
Delineator Missing Left	0 <u>(1)</u> 2						
Delineator Missing Right	0 <u>(1)</u> 2						
Fender Condition	E G <u>(F)</u> P None UR						
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>FLOOR HAS RUST</u>					
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>OUTLET FILL BRACING LOGS INSTALLED PARALLEL TO CULVERT</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>RUST</u>					
Head Walls	E G F <u>(P)</u> N/A UR	<u>ROTTEN LOGS</u>					
Wing Walls	E G F P <u>(N/A)</u> UR						
Inlet	E G <u>(F)</u> P UR	<u>0.9m cover</u>					
Outlet	E G F <u>(P)</u> UR	<u>0.9m COVER & CURB</u>					
Overall	E G <u>(F)</u> P UR						
Riprap	E G <u>(F)</u> P N/A UR						
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 2208

*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 0.1 (m) *Est. Present Water Level Width 1 (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	H M <u>L</u>		REPAIR HEADWALLS
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	Left to right	5	Right to left
2	Right to left	6	Outlet fill
3	Inlet		
4	Outlet		

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked? Yes No P Eng Inspection Required? Yes No Inspector's Estimate of Full Log Haul Traffic Replacement Date (year):

(P Eng to review and evaluate Inspector's estimate, and to update "Replacement (year)" on structure data/s screen in CBR)

*Date of Inspection (yyyy/mm/dd) 2011/11/07	*Inspection Company Name ONSITE ENGINEERING LTD	*Inspector's Name (print) JERRY ARSKI	Inspector's Signature J. C. P. ARAKI # 29756
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Inspector's Comments
IF YOU ARE GOING TO FIX THE HEADWALLS I SUGGEST FULL REPAIR

PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): (P Eng to update structure data/s screen in CBR as necessary) 136 tonnes	Date of Next Planned Inspection (yyyy/mm/dd) 2014/09/30		
Reviewer Company Name MoF	Reviewed by - P Eng's Name (print) T. Miller	Reviewed by - P Eng's Signature (Signature)	Date Reviewed (yyyy/mm/dd) 2012/03/05

P Eng Reviewer's Comments
Present load rating of L150 or 136 tonnes to continue.

* Denotes Mandatory Information for Corporate Bridge Register



CK2208 Right to Left Approach



CK2208 Floor Rust



CK2208 Inlet



CK2208 Left to Right Approach



CK2208 Outlet



CK2208 Outlet Fill hole and logs