



Routine Condition Culvert Inspection Form

GENERAL INFORMATION

(enter either long/lat or UTM below - not both)

*Site #: CK 2309

*Crossing Name:

*Type/Class: ☒ Major Culvert
☐ Woodbox/Log Culvert*Project File ID# 7972

*Structure #:

*Br. 02

*FSR Name:

WILKINS - ANDERSON

*Forest District:

CK

*Kilometres:

User km:

Longitude: (ddd / mm / ss.s) 119° 43' 03.6"

OR

UTM Zone

UTM Easting

UTM Northing

Latitude: (ddd / mm / ss.s) 121° 13' 43.3"

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	<u>(0)</u> 1 2	<u>NONE REQD</u>
Brushing Required	<u>(Yes)</u> No	<u>MINOR</u>
Delineator Missing Left	<u>(0)</u> 1 2	<u>NONE REQD</u>
Delineator Missing Right	<u>(0)</u> 1 2	
Fender Condition	E G F P <u>(None)</u> UR	
Posted Load Rating	(tonnes) or <u>(None)</u>	
Road Surface	E G <u>(F)</u> P UR	<u>POT Holes / MINOR RUTS</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 N/A UR	<u>1</u>
Coating (N/A to woodbox/log culvert)	E <u>(G)</u> F P N/A UR	
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	
Roof	E <u>(G)</u> F P UR	
Side Walls	E <u>(G)</u> F P UR	
Floor	E <u>(G)</u> F P N/A UR	
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>BEDLOAD ACCUMULATED & BREAKING 1/3 AREA</u>
Outlet	E <u>(G)</u> F P UR	
Overall	E G <u>(F)</u> P UR	
Riprap	E <u>(G)</u> F 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 #: CK2309

*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 0.75 (m)

*Est. Present Water Level Width 1 (m)

*Est. High Water Level Clearance 1 (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		CLEAN INLET CHANNEL
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
L-R			CATLET
R-L			INLET
U-S			
D-S			

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): 2050

(P Eng to review and evaluate inspector's estimate, sign to approve or reject and Traffic Replacement (years) on structure details screen in CBR)

*Date of Inspection (yyyy/mm/dd)

2011/11/11

*Inspection Company Name

ONSITE ENG LTD

*Inspector's Name (print)

J. C. P. ARAKI



Inspector's Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 68 tonnes
(PEng to update structure details screen in CBR as necessary)

Date of Next Planned Inspection (yyyy/mm/dd)

2014/09/30

Reviewer Company Name

MoF

Reviewed by - PEng's Name (print) T. Miller

Reviewed by - PEng's Signature

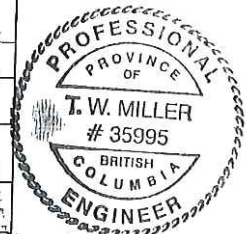
Date Reviewed (yyyy/mm/dd)

2012/02/07

PEng Reviewer's Comments

Clean our inlet at first opportunity. Present load rating of L75 or 68 tonnes to continue.

* Denotes Mandatory Information for Corporate Bridge Register





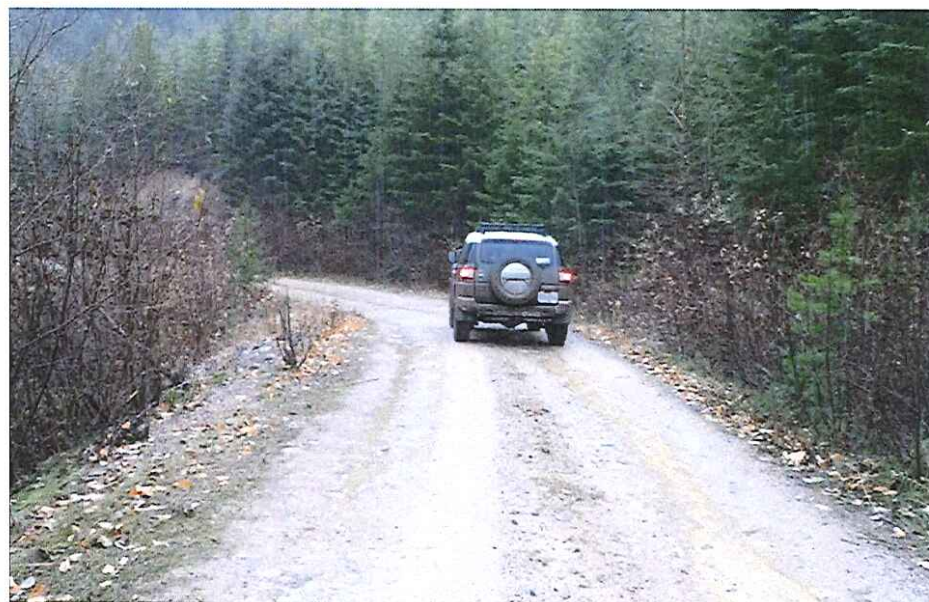
CK2309 Right to Left Approach



CK2309 Downstream



CK2309 Upstream



CK2309 Left to Right Approach



CK2309 Outlet



CK2309 Inlet