



Routine Condition Culvert Inspection Form

GENERAL INFORMATION				(enter either long/lat or UTM below - not both)		
*Site #: <u>CK-2268</u>	*Crossing Name: <u>Unknown</u>	*Type/Class: ☒ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID# <u>8013</u>			
*Structure #:			*Br: <u>01</u>			
*FSR Name: <u>Stave River</u>	*Forest District: <u>CK</u>	*Kilometres:	User km: <u>18.9</u>			
Longitude: (ddd / mm / ss.s) <u>W 122° 18' 25.5"</u>	<u>OR</u>	UTM Zone	UTM Easting	UTM Northing		
Latitude: (ddd / mm / ss.s) <u>N 49° 32' 52.1"</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 <u>(G)</u> F P UR	<u>straight & gentle</u>				
Bridge Ahead Signs Missing	0 1 <u>(2)</u>					
Brushing Required	Yes <u>NO</u>					
Delneator Missing Left	0 1 <u>(2)</u>					
Delneator 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					
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 <u>(G)</u> F P N/A 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					
Embedment Materials (N/A to woodbox/log culvert)	E <u>(G)</u> F P <u>N/A</u> UR	<u>Some bedload in left culvert</u>				
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 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 <u>(G)</u> F P UR	<u>Large boulder on right culvert</u>				
Outlet	E G <u>(F)</u> P UR	<u>Small plunge pool on right culvert</u>				
Overall	E <u>(G)</u> F 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 #: CK-2268

*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 5 (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		
2	H M L		
3	H M L		

*Monitoring Status:

☐ Recommended☐ Not required

Monitor Item #	*Monitor Description
1	RIGHT CULVERT OUTLET PLUNGE POOL
2	

PHOTO LOG

Photo #	Description	Photo #	Description
1	R→L		
2	U/S		inlet
3	d/s		outlet
	L→R		

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, or Replacement (year) on structure details screen in CBR as necessary)

*Date of Inspection

(yyyy/mm/dd)

2011/11/01

*Inspection Company Name

Onsite Engineering

*Inspector's Name (print)

Jeremy Araki

Inspector's Signature

J. C. P. ARAKI

29756

PROFESSIONAL ENGINEER

Inspector's Comments

PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION

Current Load Rating GWW (tonnes): 68 tonnes

(P Eng 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 - P Eng's Name

(print) T. Miller

Reviewed by - P Eng's Signature

Date Reviewed (yyyy/mm/dd)

Jan 26, 2012

P Eng Reviewer's Comments

Present load rating of L75 or 68 tonnes to continue.

* Denotes Mandatory Information for Corporate Bridge Register



CK2268 Downstream



CK2268 Right to Left Approach



CK2268 Left to Right Approach



CK2268 Upstream



CK2268 Inlet



CK2268 Outlet