



Routine Condition Culvert Inspection Form

GENERAL INFORMATION

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

*Site #: <u>CK-2355</u>	*Crossing Name: <u>SIDE CREEK</u>	*Type/Class: ☒ Major Culvert ☐ Woodbox/Log Culvert	*Project File ID#: <u>5748</u>
*Structure #: <u>CK-2355</u>			*Br. <u>02</u>
*FSR Name: <u>MAKESON LAKE BASIN - COCKEY CREEK</u>	*Forest District: <u>CHILLIWACK</u>	*Kilometres:	User km: <u>2.0</u>
Longitude: (ddd / mm / ss.s) <u>W 121° 41' 56.0"</u>	OR	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s) <u>N 49° 32' 54.7"</u>			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	right horizontal curve, moderate gradient
Bridge Ahead Signs Missing	0 1 <u>(2)</u>	
Brushing Required	Yes <u>(No)</u>	
Delineator Missing Left	<u>(0)</u> 1 2	
Delineator Missing Right	<u>(0)</u> 1 2	none seen
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 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	
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	1.0m inlet cover, 0.6m outlet cover
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 <u>(G)</u> F P UR	
Outlet	E <u>(G)</u> F P UR	
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 #: CX-2355

*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 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 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	Right to Left		
2	Left to Right		
3	Outlet		
4	Inlet		

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, and to replace "Replacement (year)" on structure details screen in CURR)*Date of Inspection (yyyy/mm/dd) 2011/11/08 *Inspection Company Name Onsite Engineering *Inspector's Name (print) Jeremy Araki Inspector's Signature [Signature] # 29756
Inspector's Comments

PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 136 tonnes

(P Eng to update structure details screen in CURR as necessary)

Date of Next Planned Inspection (yyyy/mm/dd) 2014/09/30

Reviewer Company Name

Reviewed by - P Eng's Name (print) T. MillerReviewed by - P Eng's Signature [Signature]Date Reviewed (yyyy/mm/dd) 2012/02/08

P Eng Reviewer's Comments

Present load rating of L150 or 136 tonnes to continue.

* Denotes Mandatory Information for Corporate Bridge Register



CK2355 Right to Left Approach



CK2355 Inlet



CK2355 Outlet



CK2355 Left to Right Approach