CK 2358

ACTIVE

BC Ministry of Forests and Range

Bridge Register

Structure Inventory Data Form
CULVERTS

STRUCTURAL DETAILS		
*Culvert Number: 2 of #2	*Culvert Length (metres): ? SEE NOTE	Gradient: ? SEE NOTE

*Culvert Type: ☐ Box ☐ Elliptical ☐ Open Bottom ☑ Round	*Culvert Material: ☐ Concrete ☑ Corrugated Steel ☐ Log ☐ Other ☐ Steel Non-Corrugated)
*Inlet Cover Depth (mm): 600	*Outlet Cover Depth (mm):
*Opening Height (mm): 1850	*Opening Width (mm): 1800
*Headwall Location: ☐ Both ☐ Inlet ☑ None ☐ Outlet	Open Bottom Substructure: ☐ Cast in Place Concrete Footing ☐ Lock-Block Footing ☐ Piles ☐ Precast Concrete Footing ☐ Steel Footing

Comments:
INLET IN 90% PLUGGED. FLOW NOT POSSIBLE

CL23558 ACTIVE

BC Ministry of Forests and Range

Bridge Register

Structure Inventory Data Form
CULVERTS

STRUCTURAL DETAILS		
*Culvert Number: 1 of 2	*Culvert Length (metres): 18	Gradient: -3%

*Culvert Type: ☐ Box ☐ Elliptical ☐ Open Bottom ☑ Round	*Culvert Material: ☐ Concrete ☑ Corrugated Steel ☐ Log ☐ Other ☐ Steel Non-Corrugated)
*Inlet Cover Depth (mm): 900	*Outlet Cover Depth (mm):
*Opening Height (mm): 1800	*Opening Width (mm): 1800
*Headwall Location: ☐ Both ☐ Inlet ☑ None ☐ Outlet	Open Bottom Substructure: ☐ Cast in Place Concrete Footing ☐ Lock-Block Footing ☐ Piles ☐ Precast Concrete Footing ☐ Steel Footing

Comments:

TWO CSP INSTALLED @ THIS LOCATION. THIS CSP'S INLET IS ~ 90% CLEAR.

DEBRI HAS BEEN DEPOSITED IMMEDIATELY UPSTREAM. VERY CLOSE TO INLET.

BC Ministry of Forests and Range

Routine Condition Culvert Inspection Form

GENERAL INFORMATION

(enter either long/lat or UTM – not both)

Site # CK 2358			Structure #		
FSR Name LOST CRK FSR	User km 33	Project File ID 8466			Branch 01
Longitude: (ddd / mm / ss.s) 49 18 09.1	OR	UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) 121 14 23.5					

LEFT/RIGHT APPROACHES (as seen facing downstream)

E = excellent; G = good; F = fair; P = poor; N/A = not appl.

Item	Present Condition (circle or fill-in)	Comments (a comment is mandatory if condition "Poor" is selected)
Alignment	E G (F) P	
Bridge Ahead Signs Missing	0 1 (2)	
Brushing Required	Yes (No)	
Delineator Missing Left	0 1 (2)	
Delineator Missing Right	0 1 (2)	
Fender Condition	E G F P (None)	
Posted Load Rating (tonnes)	—	NOT POSTED
Road Surface	E G (P) P	POTHOLES

GENERAL CULVERT ITEMS

Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)
Baffles	E G F P (N/A)	
Bolted Connections	E G F P (N/A)	
Coupled Connections	E G F P (N/A)	
Coating	E G (F) P N/A	SLIGHT RUST ON FLOOR
Embedment Materials	E G F P (N/A)	
Fill	E (G) F P	
Roof	E (G) F P	
Side Walls	E (G) F P	
Floor	E (G) F P N/A	
Head Walls	E G F P (N/A)	
Wing Walls	E G F P (N/A)	
Inlet	E G F (P)	ONE CSP IS ALMOST ENTIRELY PLUGGED THE OTHER ONLY 90% CLEAR
Outlet	E G F (P)	POSSIBLE SCOUR @ OUTLET DUE TO LACK OF RIPRAP
Overall	E G F (P)	SCOUR + DEBRI
Riprap	E G F (P) N/A	POOR SCOUR @ OUTLET DUE TO LACK OF RIPRAP
Trash Rack	E G F P (N/A)	
Weirs/Backwater Structures	E G F P (N/A)	

LOG CULVERTS ONLY

Stringer #	Ave. rot depth (mm)	Diameter (mm)	Wood Species	Comments (a comment is mandatory if condition "Poor" is selected)
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				

BC Ministry of Forests and Range

Routine Condition Culvert Inspection Form

GENERAL INFORMATION

Site # CK 2358 | Structure #

LOG CULVERTS ONLY (continued)

Stringer #	Ave. rot depth (mm)	Diameter (mm)	Wood Species	Comments (a comment is mandatory if condition "Poor" is selected)
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

Comments

CHANNEL

Est. Present Water Level Depth (m) 0 | Est. Present Water Level Width (m) 0 | Est. High Water Level Clearance (m) 10

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 (H = High, M= Medium, L = Low)

#	Priority (circle)	Estimate ($)	Description
1	(H) M L		AND CLEAN THE INLETS
2	(H) M L		REMOVE DEBRIS FROM INLET & INSTALL LARGE SUMP ↓ ACTIVE CHANNELS WILL CONTINUE TO TRANSPORT DEBRIS
3	H M L		

ITEMS TO MONITOR

#	Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	LEFT TO RIGHT.		DEBRIS JAM CSP 1
	INLET		RIGHT TO LEFT
	DEBRI JAM. CSP2 x2		OUTLET CSP2
	OUTLET CSP1		RIGHT TO LEFT

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked? Yes (No) | P Eng Inspection Required? Yes (No) | Date of Inspection (yyyy/mm/dd) 2010-08-09

Inspection Company Name: Oiste Engineering Ltd. | Inspector's Name (print): ALI SADEGHI | Inspector's Signature

Comments

PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes): 54 | Date of Next Inspection 2013/09/01

Reviewer Company Name	Reviewed by - PEng's Name (print)	Signature	Date Reviewed (yyyy/mm/dd)
MNRO	G. Dohm	Greg Dohm	2010/12/09

Comments: One CSP culvert inlet is 90% plugged. The other 10% plugged. Needs to be cleaned.

CK2358 Debris jam CSP2

CK2358 Left to right

CK2358 Debris jam CSP2-1

CK2358 Inlet

CK2358 Debris jam CSP1

CK2358 outelt CSP1

CK2358 Right to left

CK2358 outelt CSP2