

CK-2163

ACTIVE

BC Ministry of
Forests and Range

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Bridge Register
Structure Inventory Data Form
CULVERTS

STRUCTURAL DETAILS		
*Culvert Number: 1 of 2	*Culvert Length (metres): 11.1	Gradient: 10%
*Culvert Type: ☐ Box ☐ Elliptical ☐ Open Bottom ☒ Round		*Culvert Material: ☐ Concrete ☒ Corrugated Steel ☐ Log ☐ Other ☐ Steel Non-Corrugated)
*Inlet Cover Depth (mm): 3000	*Outlet Cover Depth (mm): 3000	
*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 FOR THE SAME CHANNEL		



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Bridge Register
Structure Inventory Data Form
CULVERTS

CK2163

STRUCTURAL DETAILS

*Culvert Number: 2 of 2

*Culvert Length (metres): 11.1

Gradient: 10%

*Culvert Type:

☐ Box

☐ Elliptical

☐ Open Bottom

☒ Round

*Culvert Material:

☐ Concrete

☒ Corrugated Steel

☐ Log

☐ Other

☐ Steel Non-Corrugated)

*Inlet Cover Depth (mm): 3000

*Outlet Cover Depth (mm): 3000

*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:

THIS IS THE 2nd CSP FOR THIS CROSSING. THIS CSP
INSTALLED AS BACKUP. MOST OF FLOW THROUGH THE OTHER
CSP.



Routine Condition Culvert Inspection Form

GENERAL INFORMATION				(enter either long/lat or UTM - not both)		
Site # <u>CK2163</u>		Structure #				
FSR Name <u>LOST CRK</u>		User km <u>1.2</u>	Project File ID <u>8446</u>	Branch <u>C1</u>		
Longitude: (ddd / mm / ss.s) <u>49 17 16.9</u>		OR	UTM Zone	UTM Easting	UTM Northing	
Latitude: (ddd / mm / ss.s) <u>122 13 48.2</u>						
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 <u>P</u>					
Bridge Ahead Signs Missing	<u>0</u> 1 2					
Brushing Required	Yes <u>No</u>					
Delineator Missing Left	0 1 <u>2</u>					
Delineator Missing Right	0 1 <u>2</u>					
Fender Condition	E G F <u>P</u> <u>None</u>	<u>NEED FENDERS</u>				
Posted Load Rating (tonnes)						
Road Surface	E G <u>F</u> <u>P</u>	<u>SMALL POTHOLES FORMING.</u>				
GENERAL CULVERT ITEMS						
Item	Present Condition (circle)	Comments (a comment is mandatory if condition "Poor" is selected)				
Baffles	E G F P <u>N/A</u>					
Bolted Connections	E G F P <u>N/A</u>	<u>7 ONE PIECE CSP</u>				
Coupled Connections	E G F P <u>N/A</u>	<u>3</u>				
Coating	E G <u>F</u> P <u>N/A</u>					
Embedment Materials	E G F P <u>N/A</u>					
Fill	E <u>G</u> F P					
Roof	E <u>G</u> F P					
Side Walls	E <u>G</u> F P					
Floor	E <u>G</u> F P <u>N/A</u>					
Head Walls	E G F P <u>N/A</u>					
Wing Walls	E G F P <u>N/A</u>					
Inlet	E <u>G</u> F P					
Outlet	E <u>G</u> <u>F</u> P					
Overall	E <u>G</u> F P					
Riprap	E <u>G</u> F P <u>N/A</u>					
Trash Rack	E G F P <u>N/A</u>					
Weirs/Backwater Structures	E G F P <u>N/A</u>					
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						



Routine Condition Culvert Inspection Form

GENERAL INFORMATION

Site # CK2163

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) 0.1Est. Present Water Level Width (m) 0.4Est. High Water Level Clearance (m) 1.8

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		
2	H M L		
3	H M L		

ITEMS TO MONITOR

#	Description
1	
2	

PHOTO LOG

Photo #	Description	Photo #	Description
	LEFT TO RIGHT		OUTLET 1st CSP
	INLET		OUTLET 2nd CSP
	INLET 1st CSP		OUTLET
	INLET 2nd CSP		RIGHT TO LEFT

INSPECTOR TO COMPLETE THIS SECTION

As-built Drawings Checked? Yes <u>No</u>	P Eng Inspection Required? Yes <u>No</u>	Date of Inspection (yyyy/mm/dd) 2010-08-09
Inspection Company Name	Inspector's Name (print) ALI SODESHI	Inspector's Signature <u>AR</u>

Comments

PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION

Current Load Rating GVW (tonnes):		Date of Next Inspection	
Reviewer Company Name		Reviewed by - P.Eng.'s Name	
MNRO	(print) G. Dohm	Reviewed by - P.Eng.'s Signature	Date Reviewed (yyyy/mm/dd)
			2010/10/30

Comments



CK2163 Inlet CSP 1



CK2163 Left to right



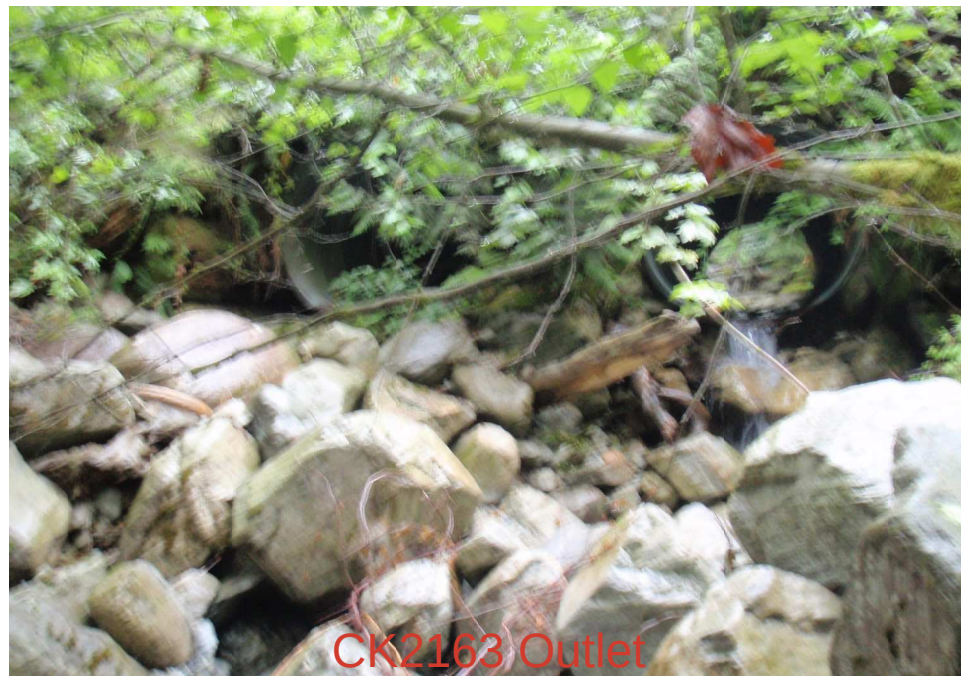
CK2163 Inlet CSP 2



CK2163 Inlet



CK2163 Outlet CSP 2



CK2163 Outlet



CK2163 Right to left



CK2163 Outlet CSP 1