

CK - 2204



BC Ministry of
Forests and Range

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Bridge Register Structure Inventory Data Form CULVERTS

STRUCTURAL DETAILS		
*Culvert Number: of 1	*Culvert Length (metres): 22 ⁰	Gradient: -4%
*Culvert Type: ☐ Box ☐ Elliptical ☐ Open Bottom ☒ Round		*Culvert Material: ☐ Concrete ☒ Corrugated Steel ☐ Log ☐ Other ☐ Steel Non-Corrugated)
*Inlet Cover Depth (mm): 1300	*Outlet Cover Depth (mm): 1300	
*Opening Height (mm): 2400	*Opening Width (mm): 2400	
*Headwall Location: ☐ Both ☐ Inlet ☒ None ☐ Outlet		Open Bottom Substructure: ☐ Cast in Place Concrete Footing ☐ Lock-Block Footing ☐ Piles ☐ Precast Concrete Footing ☒ Steel Footing
Comments: OLD W/1 STRINGER BRIDGE SEEMS TO HAVE BEEN REPLACE w/ CULVER.		



Routine Condition Culvert Inspection Form

GENERAL INFORMATION				(enter either long/lat or UTM – not both)		
Site #	CK 2204			Structure #		
FSR Name	N. H. Ain / sic CRK			User km	—	
Project File ID	8019			Branch	01	
Longitude: (ddd / mm / ss.s)	50 01 32.6			OR	UTM Zone	UTM Easting
Latitude: (ddd / mm / ss.s)	121 23 42.4					UTM Northing
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>(F)</u> P					
Bridge Ahead Signs Missing	0 1 <u>(2)</u>					
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 P <u>(None)</u>			NEEDS FENDER DIS !		
Posted Load Rating (tonnes)	—			NOT POSTED		
Road Surface	E G <u>(F)</u> P					
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>					
Coupled Connections	E <u>(G)</u> F P N/A					
Coating	E <u>(G)</u> F P N/A					
Embedment Materials	E G F P <u>(N/A)</u>					
Fill	E <u>(G)</u> <u>(F)</u> P			12m OF FILL. ON TOP STRUCTURE. DIS		
Roof	E <u>(G)</u> F P					
Side Walls	E <u>(G)</u> F P					
Floor	E <u>(G)</u> <u>(F)</u> P N/A			SOME RUST		
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			BIT OF SCOUR. UNDER THE CSP.		
Overall	E <u>(G)</u> F P					
Riprap	E <u>(G)</u> F P N/A					
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						

FULL SLOPE
RAVELING



Routine Condition Culvert Inspection Form

GENERAL INFORMATION									
Site #			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) 0.3		Est. Present Water Level Width (m) 3.0		Est. High Water Level Clearance (m) 1.4					
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		FENDER FOR D/S						
2	H M L								
3	H M L								
ITEMS TO MONITOR									
#	Description								
1									
2									
PHOTO LOG									
Photo #	Description	Photo #	Description						
	L TO W		W TO L						
	RAN. D/S FILL SLATE		INLET						
	D/S		OUTLET						
	U/C XL		SLUR @ OUTLET						
INSPECTOR TO COMPLETE THIS SECTION									
As-built Drawings Checked? Yes ☐ No ☒		P Eng Inspection Required? Yes ☐ No ☒	Date of Inspection (yyyy/mm/dd) 2009-10-26						
Inspection Company Name Forster Eng + Geo		Inspector's Name (print) Ali Sadeghi	Inspector's Signature 						
Comments									
PROFESSIONAL ENGINEER (PEng) TO COMPLETE THIS SECTION									
Current Load Rating GVW (tonnes):		Date of Next Inspection							
Reviewer Company Name MFR	Reviewed by - PEng's Name (print) L. Stevanovic	Reviewed by - PEng's Signature Digitally signed by L. Stevanovic Date: 2010.01.19 16:52:39 -08'00'	Date Reviewed (yyyy/mm/dd)						
Comments									

ACCESS:

Access past structure is limited due to slope failure. ATV access only