

CK2402



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): 13.1	Gradient: -2%
*Culvert Type: ☐ Box ☐ Elliptical ☐ Open Bottom ☒ Round		*Culvert Material: ☐ Concrete ☒ Corrugated Steel ☐ Log ☐ Other ☐ Steel Non-Corrugated)
*Inlet Cover Depth (mm): 0.5		*Outlet Cover Depth (mm): 0.70
*Opening Height (mm): 1700		*Opening Width (mm): 1700
*Headwall Location: ☐ Both ☐ Inlet ☒ None ☐ Outlet		Open Bottom Substructure: ☐ Cast in Place Concrete Footing ☐ Lock-Block Footing ☐ Piles ☐ Precast Concrete Footing ☒ Steel Footing
Comments: FAILSAFE CROSS DITCH INSTALLED		



Routine Condition Culvert Inspection Form

GENERAL INFORMATION

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

Site #	25402	Structure #	
FSR Name	Lost Murdo	User km	3.7
Project File ID	8466	Branch	02
Longitude: (ddd / mm / ss.s)	49°18'44.1"	OR	
Latitude: (ddd / mm / ss.s)	122°13'01.5"	UTM Zone	
		UTM Easting	
		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 <u>G</u> F 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>	
Posted Load Rating (tonnes)		None
Road Surface	E <u>G</u> F P	

GENERAL CULVERT ITEMS

Item	Present Condition (circle or fill-in)	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 G <u>F</u> P N/A	2" gap b/w CMPS
Coating	E G F <u>P</u> N/A	Rusted @ Fluv.
Embedment Materials	E G F P <u>N/A</u>	
Fill	E <u>G</u> F P	
Roof	E <u>G</u> <u>F</u> P	Damaged most likely during inst.
Side Walls	E <u>G</u> F P	
Floor	E G <u>F</u> P N/A	Rusted
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 G <u>F</u> P	Scour @ inlet below pipe.
Overall	E G <u>F</u> P	
Riprap	E G <u>F</u> P N/A	Not ripraped well @ outlet
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 # <u>CK2402</u>		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) <u>0.10</u>		Est. Present Water Level Width (m) <u>1.2</u>		Est. High Water Level Clearance (m) <u>1.10</u>
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 <u>Scour @ outlet</u>				
REPAIRS (H = High, M = Medium, L = Low)				
#	Priority (circle)	Estimate (\$)	Description	
1	H M L <u>L</u>			
2	H M L <u>L</u>			
3	H M L <u>L</u>			
ITEMS TO MONITOR				
#	Description			
1	<u>Scour @ outlet, not rip raped well</u>			
2				
PHOTO LOG				
Photo #	Description	Photo #	Description	
	<u>Inlet</u>		<u>wood to camp</u>	
	<u>Outlet</u>			
	<u>Scour to outlet y. 2</u>			
	<u>camp to Inlet</u>			
INSPECTOR TO COMPLETE THIS SECTION				
As-built Drawings Checked? Yes ☐ No ☒		P Eng Inspection Required? Yes ☐ No ☒		Date of Inspection (yyyy/mm/dd) <u>2009-10-10</u>
Inspection Company Name <u>Forster Eng & Geo. Ltd.</u>		Inspector's Name (print) <u>Ali Sadeghi</u>		Inspector's Signature
Comments <u>Poor access to structure. Road in terrible shape only Quad arrived.</u>				
PROFESSIONAL ENGINEER (PENG) TO COMPLETE THIS SECTION				
Current Load Rating GVW (tonnes):			Date of Next Inspection	
Reviewer Company Name		Reviewed by - PEng's Name (print) <u>L. Stevanovic</u>	Reviewed by - PEng's Signature Digitally signed by L. Stevanovic Date: 2010.03.05 17:09:03 -08'00'	Date Reviewed (yyyy/mm/dd)
Comments				