Date Printed: 2013/08/26
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001C

BC Ministry of Forests and Range

Major Culvert Inspection Report

Structure #:	CK-2131	**Site #:**	CK-2131	**Road Name:**	STS'AILES	**Inspection Date:**	2013/06/05
KM:	16.40	**User km:**	16.40	**Crossing Name:**	Not Known	**Next Inspection Date:**	2016/06/05
Project File ID #:	6314	**Br.**	01	**Forest District:**	Chilliwack Forest District		

Culvert Type:	Round		**Culvert Material:**	Corrugated Steel	
Inlet Cover *(mm)*:	1,000		**Outlet Cover *(mm)*:**	1,200	
Footing Type:			**Gradient *(%)*:**	3.0	
Culvert Length *(metres)*:	15.5	**Opening Height *(mm)*:**	1,800	**Opening Width *(mm)*:**	1,800
UTM Zone:	10	**UTM Easting:**	583576	**UTM Northing:**	5476388
Inspector Name:	T. Miller		**Year Built:**	1900	

Access: Only a 1800mm diameter - inspect with regular road inspections. TM

Drive north on road north of Harrison Bay. This road connects with Harrison West FSR near the Weaver Creek spawning channels

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	0	
Brushing Required	Yes	
Delineator Missing Left	0	
Delineator Missing Right	0	
Fender Condition	None	
Posted Load Rating	not	not posted
Road Surface	Good	

CULVERT ELEMENT

Baffles	Not Applicable	
Bolted Connections	Good	
Coupled Connections	Not Applicable	
Coating	Good	
Embedment Materials	Not Applicable	
Fill	Fair	1.0m inlet - 1.2m outlet and eroding
Floor	Good	
Footing	Not Applicable	
Head Wall	Not Applicable	
Inlet	Good	
Outlet	Fair	2.0 m drop
Overall	Fair	
Riprap	Fair	

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Roof	Good	
Side Walls	Good	
Trash Rack	Not Applicable	
Wiers/Backwater Structures	Not Applicable	
Wing Wall	Not Applicable	

CHANNEL

Estimated Present Water Level Depth:	0.2	Estimated Present Water Level Width:	2.0
Estimated High Water Level Clearance:	1.0		

HAZARDS

High Water:	No	Scour:	No	Ice:	No	Debris:	No	Aggradation:	No

Comment:

REPAIRS

#	Status	Priority	Estimate	Description

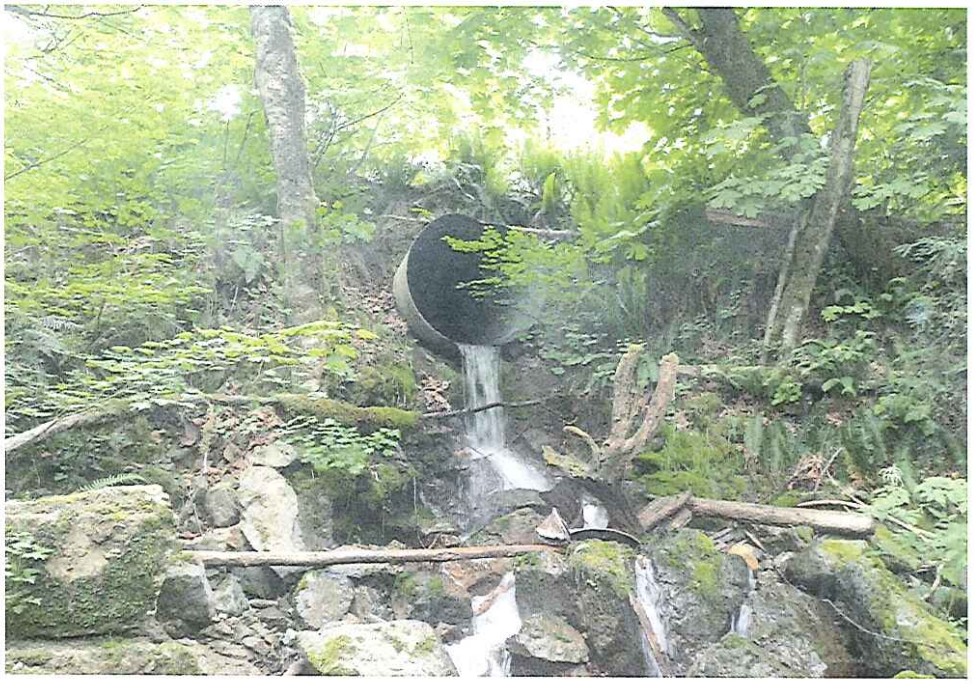
MONITORS

#	Description

GENERAL

Professional Inspection Required?	No	Regional Review Date:	2013/08/26	P. Eng Reviewer Name:	Tyson Miller
Replacement Date for full log haul traffic *(year)*:	2030	Replacement Date for light vehicle traffic *(year)*:			
Current Load Rating GVW *(tonnes)*:	136	Design Load GVW *(tonnes)*:	136	Design Vehicle Config.:	L150
Inspector's Estimated Full Log Haul Replacement *(year)*:					

Inspector's Comment:	
PEng Reviewer's Comment:	Culvert is 1800mm diameter - inspect with regular road inspections. Present load rating of L150 or 136 tonnes to continue.
District Staff Comment:	

Aug 26/2013

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
T. W. MILLER
35995