

ACTIVE

BC Ministry of
Forests and Range

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Corporate Bridge Register (CBR) Structure Inventory Data Form "CULVERTS"

GENERAL	
*Structure #:	*Site #: CK-2329
*Type/Class: ☒ Major Culvert ☐ Woodbox/Log Culvert	Crossing Name:
*Forest District:	Management Area:
*Forest Service Road: LOST CRK	Kilometres: 1.1
*Project File ID#: 8466	*Br. 01
Built For: ☐ BC Timber Sales ☐ Operations Division ☐ Other Commercial Users ☐ Road Permit Holder ☐ Road Use Permit Holder	
*Source: ☐ Inherited: Found Structure ☐ Inherited: From Oil & Gas/ ☐ Inherited: Non-Status Road Other Ministry ☐ Inherited: Reallocation ☐ Inherited: Transfers from ☐ New Structure Other Ministries ☐ Replacement Structure	
Year Built:	Year Added to Inventory:
Current Load Rating GVW (tonnes): (PEng to enter / update this value on structure details screen in CBR)	Design Load Rating GVW (tonnes): (Typically obtained from design drawings)
Design Vehicle Configuration: ☐ BCL625 ☐ CL625 ☐ L100 ☐ L120 ☐ L150 ☐ L165 ☐ L45 ☐ L60 ☐ L75 ☐ L90 ☐ Other	
*Primary User Client Number:	*Client Location Code:
Primary User Name:	
As Built Information on File? ☐ Yes ☐ No	
Installation Cost (\$):	Material Cost (\$):
Portable Structure? ☐ Yes ☐ No	
REPLACEMENT DETAILS	
Original Replacement (year):	Estimated Closure (year):
Light Vehicle Traffic Replacement (year):	*Full Log Haul Traffic Replacement (year): (PEng to review and evaluate inspector's estimate, and to enter / update this value on structure details screen in CBR).
Estimated Replacement Cost (\$):	
Replacement Cost Comments:	

* Denotes Mandatory Information for Corporate Bridge Register

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CK 2329



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Bridge Register Structure Inventory Data Form CULVERTS

STRUCTURAL DETAILS

*Culvert Number: 1 of 1		*Culvert Length (metres): 24.7	Gradient: 5%
*Culvert Type: ☐ Box ☒ Elliptical ☐ Open Bottom ☐ Round		*Culvert Material: ☐ Concrete ☒ Corrugated Steel ☐ Log ☐ Other ☐ Steel Non-Corrugated)	
*Inlet Cover Depth (mm): 2000		*Outlet Cover Depth (mm): 1800	
*Opening Height (mm): 2700		*Opening Width (mm): 4000	
*Headwall Location: ☐ Both ☐ Inlet ☒ None ☐ Outlet		Open Bottom Substructure: ☐ Cast in Place Concrete Footing ☐ Lock-Block Footing ☐ Piles ☐ Precast Concrete Footing ☐ Steel Footing	
Comments:			



Routine Condition Culvert Inspection Form

GENERAL INFORMATION				(enter either longlat or UTM - not both)		
Site # <u>CK 2329</u>		Structure #				
FSR Name <u>LUST CCK</u>		User km <u>1.1</u>	Project File ID <u>94166</u>	Branch <u>01</u>		
Longitude: (ddd / mm / ss.s) <u>29 20 28.5</u>		OR		UTM Zone	UTM Easting	UTM Northing
Latitude: (ddd / mm / ss.s) <u>122 13. 58.8</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 <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)	<u>-</u>		<u>NOT POSTED</u>			
Road Surface	E G <u>(F)</u> P		<u>LARGE POTHOLE OVER STRUCTURE</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 <u>(G)</u> F P <u>(N/A)</u>					
Coupled Connections	E G F P <u>(N/A)</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 G <u>(F)</u> P <u>(N/A)</u>		<u>SOME PUST.</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> F P					
Overall	E <u>(G)</u> F P					
Riprap	E G <u>(F)</u> P <u>(N/A)</u>		<u>MUCK UP RIP RAP NEAR Q OUTLET.</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 # <u>CK 2329</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>0.2</u>		Est. Present Water Level Width (m) <u>3.5</u>		Est. High Water Level Clearance (m) <u>1.5</u>
HAZARDS (circle yes or no for each item)				
High Water?	Yes <u>No</u>	Scour?	Yes <u>No</u>	Ice? Yes <u>No</u>
Debris?	Yes <u>No</u>	Aggradation?	Yes <u>No</u>	
Comments				
REPAIRS (H = High, M = Medium, L = Low)				
#	Priority (circle)	Estimate (\$)	Description	
1	<u>H</u> M L		SIGNS (DELIA, NAKAW ST. VICTOR)	
2	<u>H</u> M L		CURB LOGS	
3	H M L			
ITEMS TO MONITOR				
#	Description			
1				
2				
PHOTO LOG				
Photo #	Description	Photo #	Description	
	RIGHT TO LEFT			
	LEFT TO RIGHT			
	FROM UPSTREAM			
	FROM DOWNSTREAM			
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) <u>2010-08-11</u>
Inspection Company Name <u>Onsite Engineering Ltd</u>		Inspector's Name (print) <u>Ali Sadeghi</u>		Inspector's Signature
Comments				
PROFESSIONAL ENGINEER (P Eng) TO COMPLETE THIS SECTION				
Current Load Rating GVW (tonnes): <u>136</u>		Date of Next Inspection <u>2013/09/01</u>		
Reviewer Company Name <u>MNRO</u>		Reviewed by - P Eng's Name (print) <u>G. Dohm</u>		Date Reviewed (yyyy/mm/dd) <u>2010/12/08</u>
Reviewed by - P Eng's Signature 				
Comments <u>Current load rating to continue.</u>				



CK2329 Inlet



CK2329 Right to left



CK2329 Outlet



CK2329 Left to right