



BC Ministry of Forests and Range

Log Stringer Bridge Inspection Report

Page 1 of 3
Date Printed: 2013/09/30
User Id: IDIR\TYSMILLE
Database: PROD
Report Id: CBR001B

Structure #:	CK-2315	Site #:	CK-2315	Road Name:	WRAY-BERKEY CREEK	Inspection Date:	2013/09/09
KM:	4.20	User km:	4.20	Crossing Name:	Berkey Creek	Next Inspection Date:	2015/09/09
Project File ID #:	8113	Br.	02	Forest District:	Chilliwack Forest District		
Deck Type:	Timber - Untreated			Running Surface:	Timber Planks		
Superstructure	Log Stringers			Abutments (Left/Right):	Crib, Log or Untreated Timber		
Total Length (metres):	8.5	# Spans:	1	Span Length(s) (metres):	0		
UTM Zone:	10	UTM Easting:	619997	UTM Northing:	5465054		
Inspector Name:	T. Miller			Year Built:	1986		
Access:	Updated by M.Kirk, Onsite Engineering Ltd, Feb 2011						

ABUTMENTS

Bearings	Fair	
Bracing	Not Applicable	
Ballast Wall	Fair	
Corrosion Protection	Not Applicable	
Caps or Sills	Fair	
Fill	Fair	
Hardware	Poor	loose lashing
Log/Timber Cribbs	Fair	3x closed face
Piles or Posts	Not Applicable	
Riprap	Poor	none in front of crib
Tie-backs	Fair	2x
Wing Wall	Not Applicable	

APPROACHES

Alignment	Good	
Bridge Ahead Signs Missing	2	
Brushing Required	Yes	
Delineator Missing Left	1	
Delineator Missing Right	1	
Fender Condition	None	
Posted Load Rating	not	not posted
Road Surface	Poor	road has not been used in some time

DECK

Span 1

Curb Rail/Blocks/Posts	Poor	rotten
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Deck to Girder Bolts	Poor	none								
Hardware	Not Applicable									
Hand Rails/Walkouts	Not Applicable									
Nails	Poor	protruding								
Overall Deck Condition	Poor	replace								
Running Planks	Poor	rotten								
Sub Deck	Unrated	none								
Ties	Poor	rotten								
STRINGERS										
Span 1										
Stringer #	Diameter or Width X Depth	Peeled	Rot Depth (Bottom)	Rot Depth (Side)	Rot Depth (Top)	Wood Species	Comments			
1	800	Yes	150	150	150	Fd				
2	800	Yes	100	100	100	Fd				
3	650	Yes	100	100	100	Fd				
4	700	Yes	100	100	100	Fd				
5	750	Yes	150	150	150	Fd	Conk			
Log Curbs	Poor	rotten								
Needle Beam(s) and Shims	Not Applicable									
CHANNEL	Estimated Present Water Level Depth:		0.3		Estimated Present Water Level Width:		3.0			
	Estimated High Water Level Clearance:		2.0							
HAZARDS	High Water:	No	Scour:	Yes	Ice:	No	Debris:	No	Aggradation:	No
	Comment:									
REPAIRS	#	Status	Priority	Estimate	Description					
	1	Recommended	High	\$1.00	replace with activity					
MONITORS	#	Description								
	1	for failure								
GENERAL	Professional Inspection Required?		No	Regional Review Date:		2013/09/30	P. Eng Reviewer Name:		Tyson Miller	
	Replacement Date for full log haul traffic (year):			2010	Replacement Date for light vehicle traffic (year):					
	Current Load Rating GVW (tonnes):		0	Design Load GVW (tonnes):			Design Vehicle Config.:			
	Inspector's Estimated Full Log Haul Replacement (year):									
Corporate Bridge Register (CBR)										



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Structure #:	CK-2315	Site #:	CK-2315	Road Name:	WRAY-BERKEY CREEK	Inspection Date:	2013/09/09
Inspector's Comment:							
PEng Reviewer's Comment:	Bridge condemned. Monitor for failure.						
District Staff Comment:							



T.W. Miller
Sept 30/2013







