

BC Timber Sales - Kamloops Clearwater Field Team

## David Lake Visual Assessment A89947 (DL7SM) 2014 Amendment

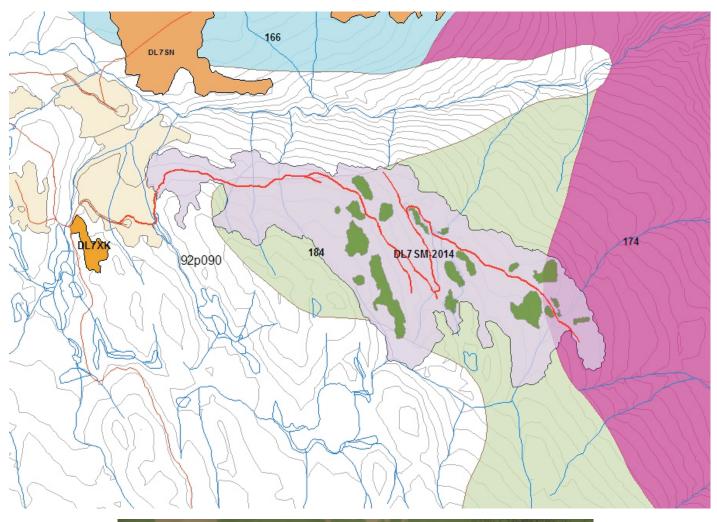
with Reference to September 2012 Report Blocks DL7SM, DL7SN, DL7UJ, DL7UP, DL7XK, DL7XL, DL7R6, DL7R8, DL7UU

produced by RDI Resource Design Inc January, 2014

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DL7SM 2014 with WTPAs and Roads

## **Visual Impact Assessment Summary Table**

#### **Clearwater Field Team**

#### **BCTS Kamloops Business Area**

Licence	A89947	CP# &	DL7SM	Мар	92p090	Proposed year	2014	Proposed Silv	CC with
Number	A89948	BLK	DL7SN	Reference		of Harvest		System	WTPAs
		#, or	DL7UJ	#:				-	
		RP#:	DL7UP						
			DL7XK						
			DL7XL						
	A90519		DL7R6						
			DL7R8						
			DL7UU						
Type of Proposed Alteration					Cutblock		•		
lo a Cuthi	ook Bood o	r Dinalina	D/M Oil loose o	to \					

<sup>(</sup>e.g. Cutblock, Road or Pipeline R/W, Oil lease, etc.)

Licence	Block	Mapsheet	VSU#
A89947	DL7SM	92p090	184-174
	DL7SN	92p090	166
	DL7UJ	92p090	144-NVS**
A89948	DL7UP	92p090	144-NVS*
	DL7XK	92p090	NVS*
	DL7XL	92p090	NVS*
	DL7R6	92p090	NVS*
A90519	DL7R8	92p090	166-NVS*
	DL7UU	92p090	NVS*

<sup>\*</sup>NVS in VSU column means entire area is outside of VSU coverage.

#### VISUAL LANDSCAPE INVENTORY LABEL

#### Kamloops LRMP

VSU#	VSC	VAC	EVC	eVQO
166	3	М	R	М
144	3	М	М	М
174	2	М	R	PR
184	2	L	R	PR

# EVC does not exceed eVQO in any VSU VIEWPOINTS & VIEWING CONDITIONS

	I			
Block	VP 3rd*	VP21	VP22	VP24
(View			(4km-	
Dist.)	(5km-MG)	(3km-MG)	MG)	(8+km-BG)
VP Type	Road	Road	Road	Road
	Informal;	Informal;	Informal;	Informal;
	Canyon	Buffalo	Minor	Wells
	Feat.;	Ranch;		Gray
	Significant	Significant		Guest
				Ranch;
				Significant
DL7SM	VIS	VIS	VIS	VIS**
DL7SN	VIS	VIS	VIS	VIS**
DL7UJ	VIS	VIS	NVS	NVS
DL7UP	NVS	NVS	NVS	NVS
DL7XK	NVS	NVS	NVS	NVS
DL7XL	NVS	NVS	NVS	NVS
DL7R6	NVS	NVS	NVS	NVS
DL7R8	NVS	NVS	NVS	NVS
DL7UU	NVS	NVS	NVS	NVS

<sup>\*</sup>VP 3rd is at Third Canyon

<sup>\*\*</sup> Block is in previously unmapped visible area

<sup>\*\*</sup> Potentially Visible Only

#### **ASSESSING BASIC VQO DEFINITION**

Do the proposed alterations, in combination with any existing Non-Veg alterations, achieve the basic VQO definition for the established VQO from each of the identified viewpoints?

VP 3rd Canyon	VP 21	VP 22	VP 24
VSU 184-174	VSU 184-174	VSU 184-174	VSU 184-174
(PR)	(PR)	(PR)	(PR)
Yes	Yes	Yes	No*
VSU 166-	VSU 166-174(PR)	VSU 166-174(PR)	VSU 166-174(PR)
174/144(PR)	Yes	Yes	Yes
Yes			
	VSU144 (M)-NVS		
VSU144 (M)-NVS	Yes		
Yes			

If applicable state reasons why the proposal does not achieve the basic definition.

Rationale for combining VSUs.

\*VSU 184 is a narrow ridgetop sliver seen together with the much larger VSU 174 at the base. Block DL7SM crosses both VSUs. The VSUs were combined for logical analysis (landform as seen from viewpoints). The alteration is somewhat large from VP 24 but well-designed. The viewpoint offers only potential viewing towards the blocks, in background view.

Although VSUs 166 and 144 have M VQO, these were combined along with the north portion of VSU 174 laying at the base of VSU 166 for logical analysis, with the aim of meeting PR. Block DL7SN is fully located in VSU 166. Block DL7UJ is fully located in an area marked in Visual Landscape Inventory as NVS (not visible) adjacent to VSU 144.

Partial Retention is defined as "an alteration of a forest landscape resulting from the presence of cutblocks or roads, such that, when assessed from a viewpoint that is representative of significant public viewing opportunities, the

alteration (a) angular or ge		e, (b) is sm	all to mode	rate in	scale	, and (d	c) has a	a desigi	n that ap	pears	natural and is not
If applicable, alterations m		VQO defini	ion would t	he prop	osec	l alterat	ion in o	combina	ation with	any (	existing Non-VEG
<b>N/A</b> □ or	P 🗆	R□	PR	X 🗆	M	<b>X</b> * □	MM		EM		
The propose	ed alteration	s in their e	ntirety me	et PR f	rom	all view	vpoints	s with t	the exce	ption	of the "potential" view
from VP 24 v	which is a ba	ackground	view (8.5k	m) and	only	/ poten	tial if	seen th	rough t	ne tre	es
<b>ASSESSING</b>	VISUAL DES	SIGN									
Do the propos	sed alteration	ns exhibit el	ements of g	good vis	sual c	lesign?					YES X□ NO □
Do the propos	sed alteration	ns respond	to the lines	of force	ana	lysis?					YES X NO
If No why?											
Design princip	oles and prac	ctices used	to blend the	propo	sed a	Iteratio	n(s) wi	th the la	andscape	Э	
le a edae tre	atment & fea	thering irre	gular houn	daries	leave	traas/r	natche	s etc ).	·		

(e.g. edge treatment & teathering, irregular boundaries, leave trees/patches, etc.):

The blocks are screened for the most part by intervening trees and topography along the Wells Grey Park Road. Blocks DL7SM and DL7SN are most evident, with possible glimpses DL7UJ further away in glimpse views from 3rd Canyon, and the first two from longer-term views from VP 21 (Buffalo Ranch), VP22 - a roadway view, and in background view from VP24 (Blackhorse Guest Ranch). The blocks are well-designed, following lines of force. The planned WTPAs in DL7SM break up the block considerably. A recommended addition of two more WTPAs designed by RDI would further the reduction of overall form and scale.

Are there existing NO X	human	made altera	ations visible in the unit showing no or poor design?

<sup>1</sup> Forest and Range Evaluation Program, 2008. Protocol for Visual Quality Effectiveness Evaluation Procedures and Standards, p.10.

### ASSESSING SCALE OF ALTERATION - see viewpoint image sheets for details

Danaant Altanation					
Percent Alteration					
		VSUs 166-			
	VSUs 184-174	174/144/NVS			
3rd Canyon	0.03	6.12			
VP21	0.9	5.74			
VP22	6.95	3.57			
VP24	11.19	1.20			

See rationale for combining VSUs on previous page

### FOREGROUND ALTERATIONS AND SCREEN DESIGN

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#### ADDITIONAL CONSIDERATIONS

Does the EVC in adjacent units exceed the established VQO for	those units and	how would this affe	ect
the management of the present unit proposed for alteration? Comments:	YES 🗆	NO X	
Has this VIA submission incorporated all known alterations proportyears? (i.e. all blocks proposed by the same or different licensees		/isual Sensitivity Ur YES X□	nit for the next 5
Comments:			

Completed by: Ken B. Fairhurst, R.P.F.

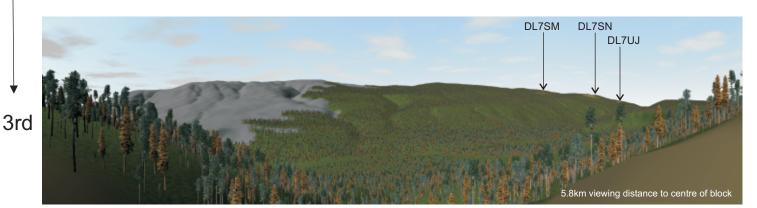
Ka B. Fair hunt

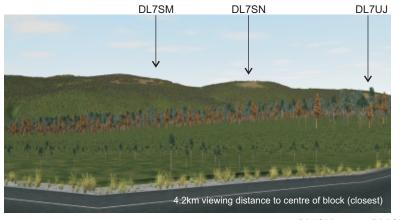
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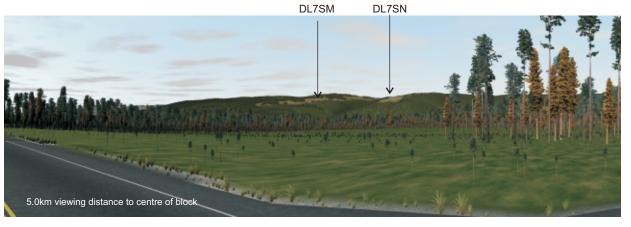
21

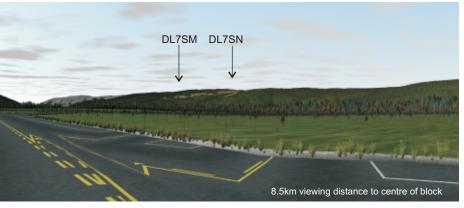
22

24

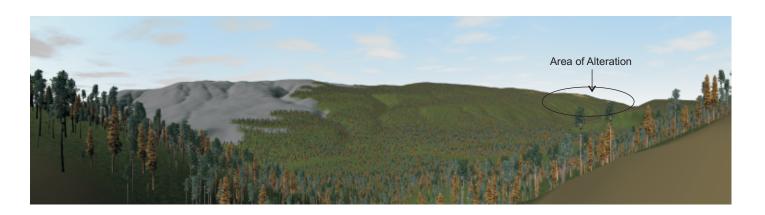






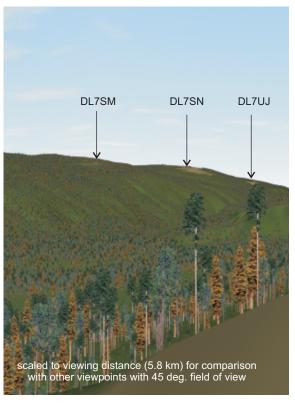


All views scaled to viewing distance for comparison , 45 deg. field of view. See next pages for detailed viewpoint analyses.

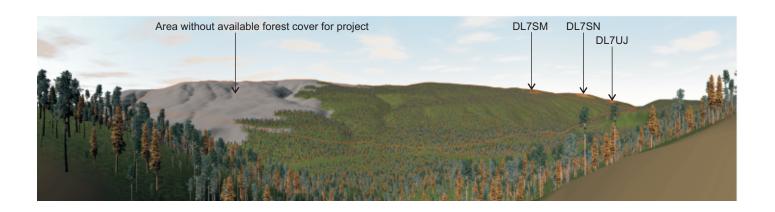


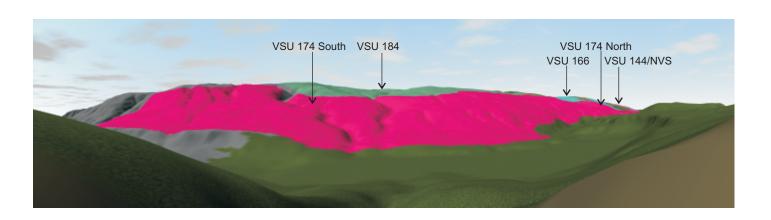


VP 3rd Canyon South (GPS 1796) South of Bridge 1522-1529



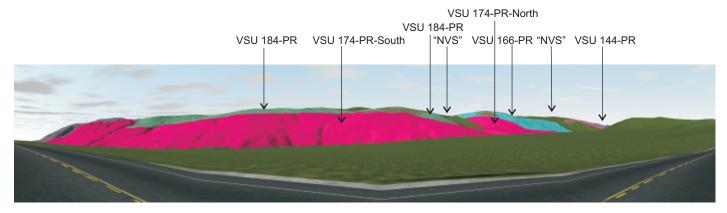
Viewpoint at Third Canyon





David Lake 3rd Canyon Viewpoint Percent Alteration						
Desc_	AREA2	% alt				
VSU174S/184	843970.38	0.03%				
DL7SM	248.38					
DL7SM	25.46					
DL7SM	17.73					
VSU174N/166/144/NVS	21177.11	6.12%				
DL7SN	1026.60					
DL7SN	24.90					
DL7UJ	245.58					

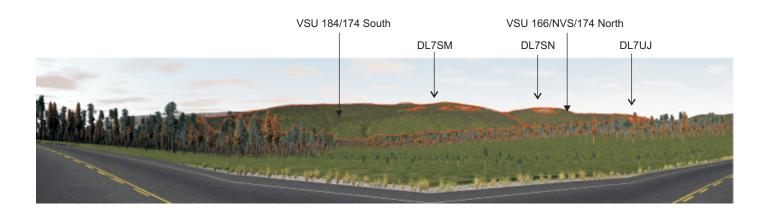




Visual Sensitivity Units with VQOs

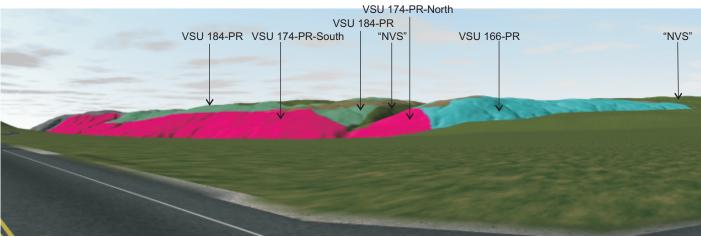


scaled to viewing distance (4.2 km) for comparison with other viewpoints with 45 deg. field of view (closest viewpoint)

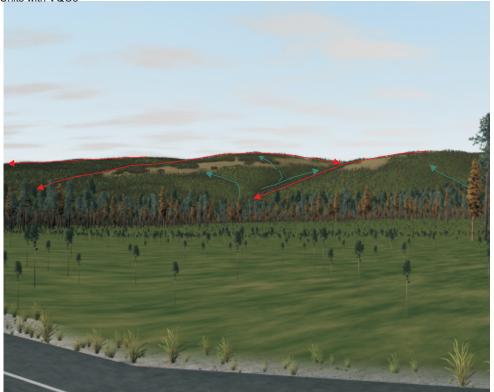


Viewpoint 21 Percent Alteration						
Desc_	AREA2	Percent Alt.				
184/174S	286806.64	0.90%				
DL7SM	141.06					
DL7SM	106.80					
DL7SM	80.33					
DL7SM	17.59					
DL7SM	91.68					
DL7SM	479.82					
DL7SM	74.70					
DL7SM	55.96					
DL7SM	1229.41					
DL7SM	127.07					
DL7SM	171.88					
174N/166/144/NVS	57158.99	5.74%				
DL7SN	2383.28					
DL7SN	27.15					
DL7SN	34.43					
DL7UJ	541.42					
DL7UJ	292.54					



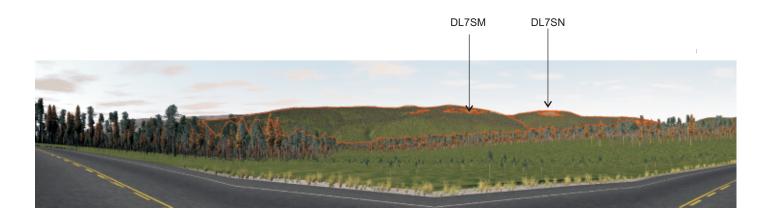


Visual Sensitivity Units with VQOs



scaled to viewing distance (5.0 km) for comparison with other viewpoints with 45 deg. field of view

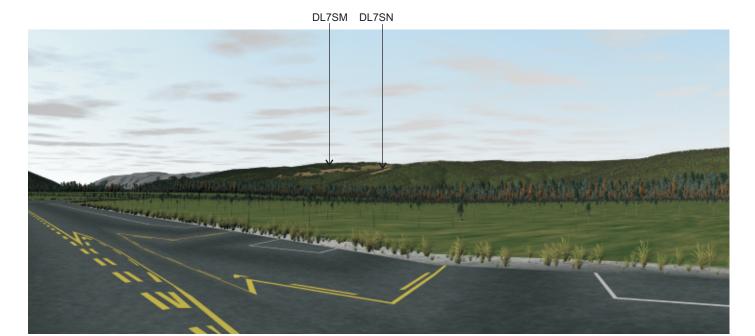
Visual Force Convexity
Visual Force Concavity

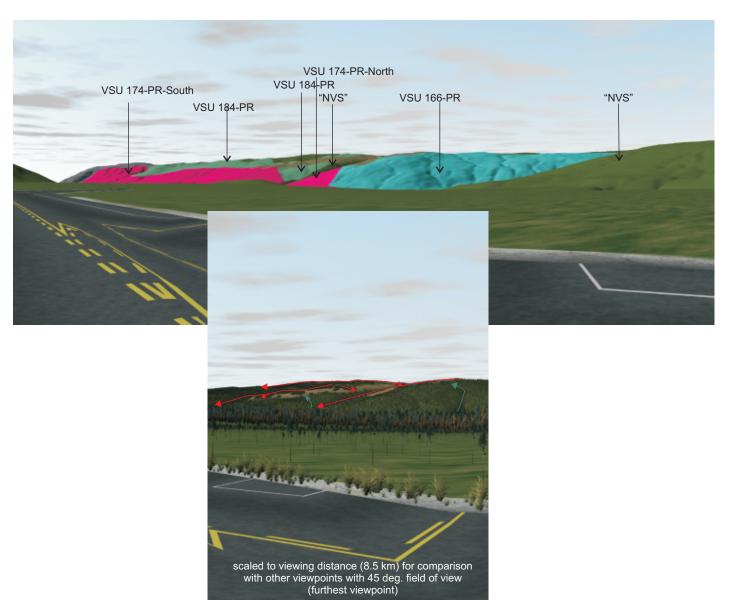




Area of Alteration

Percent Alteration Viewpoint 22			
DESC_	AREA2	Percent Alteration	
174-184	185563.94	6.95%	
DL7SM	1276.57		
DL7SM	2988.21		
DL7SM	3778.85		
DL7SM	99.27		
DL7SM	1280.19		
DL7SM	3467.93		
174-166	129644.98	3.57%	
DL7SN	3988.45		
DL7SN	184.99		
DL7SN	262.11		
DL7SM	139.79		
DL7SM	13.55		
DL7SM	18.90		
DL7SM	25.52		





Viewpoint rendered as test of potential visibility only, Minor visibility if any towards the blocks due to intervening screening. Do not use for overall percent alteration calculations.

Viewpoint 24 Percent Alteration			
Desc_	AREA2		
174S/184	106513.92	11.19%	
DL7SM	457.13		
DL7SM	118.17		
DL7SM	2353.70		
DL7SM	2967.92		
DL7SM	110.05		
DL7SM	5916.23		
174N/166	215593.08	1.20%	
DL7SN	1577.20		
DL7SN	177.39		
DL7SN	389.79		
DL7SN	284.50		
DL7SN	154.57		

for demonstration, not for application

for demonstration, not for application



VP 24 (GPS1792) 1442-1455