

DETAILED SITE ASSESSMENT FOR FORESTRY HERBICIDE APPLICATIONS

1. Tenure Identification

LICENSEE NAME:	BCTS – Chinook Business Unit	PMP NUMBER:	402-0670-17/22
DISTRICT:	Chilliwack Natural Resources District		

2. Location, Access and History

OPENING NO.	92H.031-294	LICENCE:	A83905	CP / BLOCK:	APR-83905/HW109
GENERAL LOCATION:	Harrison	SPECIFIC LOCATION:	Harrison West	LAT / LONG:	49° 22’ 12” N 121° 50’ 22” W
STANDARDS UNIT:	1	SLOPE / ASPECT:	0-90% (45% avg)/ E	ELEVATION RANGE:	50-100 m
ACCESS:	Drive	4X4	Access Details: Follow the West Harrison FSR to approx. 7.6km. Turn right on the spur just before the bridge at Camp Cove and follow to block.	HISTORY:	DIST 11 PL 12

3. Target Vegetation Description, Objective and Rationale for Treatment

TREATMENT UNIT:	A	B
AREA (ha):	0.4	1.4
TARGET VEGETATION: (common name)	Alder, Birch, Cherry, Cottonwood, Maples, Elderberry, Ferns, Fireweed, Raspberry, Salmonberry, Thimbleberry	Alder, Birch, Cherry, Cottonwood, Bigleaf Maple, Vine Maple, Willow
DECIDUOUS TREE HT (m) / SPH / DIAM (cm):	4.0 – 6.5 m (4m avg) / 1200 / 2-10 cm (3 cm avg)	2-7m (3m avg)/2500sph/2-8cm (3.5cm avg)
SHRUB HEIGHT (m) / % COVER:	1.4m / 70%	1.4m / 20%
HERB HEIGHT (m) / % COVER:	1.6m / 50%	1.2m / 15%
NON-TARGET VEGETATION:	conifers	Herbs, conifers
PRIMARY OBJECTIVE:	Brushing	Brushing
RATIONALE FOR TREATMENT:	Crop tree release and site prep. Most crop trees in this unit are suffering from VS and VT. This area has very low/patchy stocking and requires a fill plant. Treat all competing vegetation to expose plantable spots for fillplanting	Crop tree release. Hardwoods and tall woody shrubs are impeding conifer growth and performance throughout the block. Most stems are too tall for foliar brushing. FG objectives will not be met without treatment of competing stems.

4. Crop Tree Description and Recent Survey Activity

CROP TREE SPECIES / HEIGHT (m) / WS (sph):	Fdc/Cw 0.8 / 400	Fdc/Cw 1.4 / 700
% IMPEDED BY BRUSH: (Total WS)	75 %	50%
PREF (ACC) SPECIES: (From SP)	Fd,Cw (Pw,Hw)	Fd,Cw (Pw,Hw)
RECENT SURVEY:	SU BR WALK / 2016 12	SU BR WALK / 2016 12

5. Pesticide, Treatment Methods and Timing

TREATMENT UNIT:	A	B
PRODUCT:	Vision (Glyphosate)	Release (Triclopyr)
METHOD:	Backpack	Basal
TECHNIQUE:	Broadcast Ground	Streamline
MAX APPLICATION RATE (L/ha):	5.0	15.0
EST. PRODUCT REQUIRED (L):	2.0	12.3
APPLICATION TIMING:	August – October 2016	April – June 2017

6. Bodies of Water, Water Courses and Wetland Areas

RIPARIAN FEATURE ID	RIPARIAN CLASS	ACTIONS PRESCRIBED TO PROTECT RIPARIAN FEATURES
C, 1-2, 2-2	S6	All streams and riparian features must be managed according to Appendix 5, Table 1 - "Minimum Pesticide Free Zone and Buffer Widths" of BCTS, Chinook Business Area, Pest Management Plan #738-0018-12/17. *Only streams C and 1-2 are within TU A.
1-1, 2-1	S3	

7. Other Resource Values and Interests

CONCERNS IDENTIFIED		ACTIONS PRESCRIBED TO PROTECT OTHER RESOURCE VALUES	
Wildlife tree patch		As deemed necessary in the field, an adequate buffer will be established to ensure the integrity of the value of the adjacent wildlife tree patch	
Crop trees		Unit A: Target all competing hardwood stems within 2m of well-spaced conifers and those deciduous stems whose branches encroach within a 2 m radius of any well-spaced crop trees. Unit B: Target all potentially competing vegetation. Do not spray exposed conifers.	
DSA PREPARED BY:	Emilie English, reviewed by Matt Day	FOR:	B.A. Blackwell and Associates Ltd.
DATE:	17 January 2017	ATTACHMENTS:	Map

TREATMENT UNIT A: Photo 1 – Poor performance on VS Fdc



Photo 2 – Very thick shrub community, needs brushing



Photo 3 – Overview north: shrubs, herbs, and deciduous stems need brushing



TREATMENT UNIT B: Photo 4 – Fdc show moderately good growth



Photo 4 – Overview South



Photo 6 – North eastern part of TU B



Photo 7 – Mb competition



NW of Harrison Hot Springs

Falling Boundary: Orange Printed
Riparian Reserve Zone: Orange Printed
Right of Way Boundary: Orange Printed
Riparian Mgmt. Zone: Orange Printed
Retention Patch: Orange / Black stripe
Wildlife Tree Patch : Orange Printed
Road Reconnaissance: Yellow
Road Centre Line: Pink
Landing Location: Pink "Landing"
(hand written)
Skid / Bladed Trail Location: Pink Printed
Deflection Line / Base Line: Green / White
Stripe
Fish Stream: Red / White Stripe
Non-Fish Stream: Blue / White Stripe
Machine Free Zone: Red / Printed
Traverse Station Marks: White
Cruise Strip Lines: Blue
Cruise Plot Centre: Blue and Orange
Treatment Area Boundary: Green Printed

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