

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.	92H021-95	LICENCE:	A77019	CP / BLOCK:	APR-77019/WD100-3
GENERAL LOCATION:	Chilliwack Forest District	SPECIFIC LOCATION:	Mount Woodside	LAT / LONG:	49° 17' 21" N 121° 49' 26" W
STANDARDS UNIT:	1	SLOPE / ASPECT:	55% / N-NW °	ELEVATION RANGE:	580-660 m
ACCESS:	Drive	4X4	Access details: Follow Mt. Woodside FSR to approx 10 km. Turn right at the T intersection & follow for 1.2 km. Keep left & continue for 800m to the first small eastern section of the block. Road deactivated beyond this point.	HISTORY:	DIST 10 PL 11

3. Target Vegetation Description, Objective and Rationale for Treatment

TREATMENT UNIT:	A
AREA (ha):	4.3
TARGET VEGETATION: (common name)	Alder, Birch, Cherry, Cottonwood, Maples
DECIDUOUS TREE HT (m) / SPH / DIAM (cm):	2-3.5 m (3 m avg) / 3000 sph / 1-7 cm (4 cm avg)
SHRUB HEIGHT (m) / % COVER:	1.6 m / 10%
HERB HEIGHT (m) / % COVER:	1.2 m / 25 %
NON-TARGET VEGETATION:	Herbs, shrubs, conifers
PRIMARY OBJECTIVE:	Brushing
Rationale For Treatment:	Control of overtopping deciduous tree species on a conifer plantation. Not enough crop trees will achieve 150% height of brush within a reasonable timeframe to achieve FG without treatment of deciduous brush competition. Basal bark treatment is recommended due to the lack of streams and the moderate density of target brushing species. Crop trees are 2 to 3 years away from achieving FG

4. Crop Tree Description and Recent Survey Activity

CROP TREE SPECIES / HEIGHT (m) / WS (sph)::	FD, CW, HW 2.0 / 760
% IMPEDED BY BRUSH: (Total WS)	40 %
PREF (ACC) SPECIES: (From SP)	Fd,Cw (Pw,Hw)
RECENT SURVEY:	SU BR WALK / 2016 12

5. Pesticide, Treatment Methods and Timing

TREATMENT UNIT:	A
PRODUCT:	Release (Triclopyr)
METHOD:	Basal spray
TECHNIQUE:	Streamline
MAX APPLICATION RATE (L/ha):	15.0
EST. PRODUCT REQUIRED (L):	51.6
APPLICATION TIMING:	April – June 2017

6. Bodies of Water, Water Courses and Wetland Areas

RIPARIAN FEATURE ID	RIPARIAN CLASS	ACTIONS PRESCRIBED TO PROTECT RIPARIAN FEATURES
HH-1, U-1, G-1, A-1, B-1, FF-1	S6	All streams and riparian features must be managed according to Table 3.1 - “Minimum Pesticide Free Zone and Buffer Widths” of BCTS, Chinook Business Area, Pest Management Plan #738-0018-12/17. *All streams are outside of the treatment unit boundary.
C-1, C-2, D-1	S3	
W-2, V2-1, V2-2	S6, S3	
AA-1	S5	

7. Other Resource Values and Interests

CONCERNS IDENTIFIED	ACTIONS PRESCRIBED TO PROTECT OTHER RESOURCE VALUES		
Crop trees	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.		
DSA PREPARED BY:	Janet Li, reviewed by Matt Day	FOR:	B.A. Blackwell and Associates Ltd.
DATE:	17 January 2017	ATTACHMENTS:	Map

Photo 1 – Deciduous stems overtopping most conifers



Photo 2 – Example of VT; excellent leader growth on Fdc



Photo 3 – Overview East (southern top piece)



Photo 4 – Great Fdc growth, but many still overtopped by deciduous



