

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.021-94	LICENCE:	A77019	CP / BLOCK:	APR-77019/WD100-2
GENERAL LOCATION:	Chilliwack Forest District	SPECIFIC LOCATION:	Mount Woodside	LAT / LONG:	49° 17' 04" N 121° 50' 10" W
STANDARDS UNIT:	1	SLOPE / ASPECT:	55 % (variable) / N-NW °	ELEVATION RANGE:	535-650 m
ACCESS:	Drive	4X4	Access Details: Take Mt. Woodside FSR, and continue along the mainline for approximately 10 km. Turn right at the T intersection and follow the road for another 500 m or so. The mainline cuts through the upper end of the block. Small spur is not driveable.	HISTORY:	DIST 08 PL 11

3. Target Vegetation Description, Objective and Rationale for Treatment

TREATMENT UNIT:	A
AREA (ha):	4.4
TARGET VEGETATION: (common name)	Alder, Birch, Cherry, Cottonwood, Maple
DECIDUOUS TREE HT (m) / SPH / DIAM (cm):	2-4.5 m (2.8 m avg) / 4000 sph / 1 to 5 cm (2 cm avg)
SHRUB HEIGHT (m) / % COVER:	1.2 m / 25 %
HERB HEIGHT (m) / % COVER:	1.6 m / 15 %
NON-TARGET VEGETATION:	Herbs, shrubs
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 / 860
% IMPEDED BY BRUSH: (Total WS)	80 %
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):	35.0
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-18, 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. *Only streams A-1, B-1, U-1 are within 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	
Riparian Areas		Establish a 10 m PFZ + 2 m buffer for backpack basal treatment near wet or dry S6s. All woody brushing slash must be removed from stream channels and ditches concurrent with brushing treatment. Do not fuel saw, transfer fuel, or store fuel within any riparian management area.	
Crop trees		Target all 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. Ensure that crop trees are kept free from brushing slash concurrent with treatment (PFZ manual brushing areas)	
DSA PREPARED BY:	Emilie English, reviewed by Matt Day	FOR:	B.A. Blackwell and Associates Ltd.
DATE:	17 January 2017	ATTACHMENTS:	Map

Photo 1 – Fdc and Ep



Photo 2 – Good stocking but lots of deciduous



Photo 3 – Overview NW, lots of Ep



