

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.	92H032-324	LICENCE:	A91265	CP / BLOCK:	APR-91265/RU080
GENERAL LOCATION:	Chilliwack Forest District	SPECIFIC LOCATION:	Ruby Creek	LAT / LONG:	49° 21’ 24” N 121° 37’ 51” W
STANDARDS UNIT:	1 & 2	SLOPE / ASPECT:	10-50% (30% avg)/ V	ELEVATION RANGE:	200-280 m
ACCESS:	Drive	4X4	Access Details: Follow Ruby-Dadswell FSR for 1.5 km. Block is accessible from mainline or use ATV for in-block roads	HISTORY:	DIST 14 PL 16

3. Target Vegetation Description, Objective and Rationale for Treatment

TREATMENT UNIT:	A
AREA (ha):	11.5
TARGET VEGETATION: (common name)	Alder, Birch, Cherry, Cottonwood, Elderberry, Ferns, Fireweed, Raspberry, Salmonberry, Thimbleberry
DECIDUOUS TREE HT (m) / SPH / DIAM (cm):	1.8 m / 500 sph / 1-2 cm
SHRUB HEIGHT (m) / % COVER:	1.24 m / 20%
HERB HEIGHT (m) / % COVER:	1.0 m / 35%
NON-TARGET VEGETATION:	conifers
PRIMARY OBJECTIVE:	Brushing
Rationale For Treatment:	60% of crop trees are under VS/VT which is expected to impede conifer growth. Conifers require preventative brushing treatment to release them from shrub and herbaceous competition, and minimise mortality due to VS/VT. Recommend BR CG BPACK for overtopping herbs, shrubs & hardwoods within 2.0 m of conifers. High brush hazard site as indicated by brushing history of other openings in this area

4. Crop Tree Description and Recent Survey Activity

CROP TREE SPECIES / HEIGHT (m) / WS (sph)::	Fd,Cw 0.3 / 730
% IMPEDED BY BRUSH: (Total WS)	60%
PREF (ACC) SPECIES: (From SP)	Fd,Cw (Pw,Hw,Bg)
RECENT SURVEY:	SU SU PLOT / 2016 08

5. Pesticide, Treatment Methods and Timing

TREATMENT UNIT:	A
PRODUCT:	Vision (Glyphosate)
METHOD:	Backpack
TECHNIQUE:	spray
MAX APPLICATION RATE (kg / ha ai):	1.5-2.1 kg ae/ha
EST. PRODUCT REQUIRED (L):	47.5
APPLICATION TIMING:	August – October 2016

6. Bodies of Water, Water Courses and Wetland Areas

RIPARIAN FEATURE ID	RIPARIAN CLASS	ACTIONS PRESCRIBED TO PROTECT RIPARIAN FEATURES
n/a	n/a	No bodies of water, water courses, or wetland areas noted

7. Other Resource Values and Interests

CONCERNS IDENTIFIED		ACTIONS PRESCRIBED TO PROTECT OTHER RESOURCE VALUES	
Crop Trees		Target all overtopping vegetation within 2.0m radius of crop trees. Use caution to avoid spraying conifers in areas where brush is not overtopping crop trees. Do not treat brush where conifers are not overtopped/protected by vegetation. Ensure conifer buds are hardened off and leaders are <u>not</u> succulent before beginning treatment.	
DSA PREPARED BY:	Janet Li, reviewed by Matt Day	FOR:	B.A. Blackwell and Associates Ltd.
DATE:	13 January 2017	ATTACHMENTS:	Map

1. 1st SE sliver does not need treatment



2. Mainly raspberry and fern brush



3. Patches of thick Ep



4. Planted Cw overtopped by brush



5. Planted Fd under sword fern



6. Thick raspberry everywhere - E corner of opening



Site Plan Map Block RU080

