DETAILED SITE ASSESSMENT FOR FORESTRY HERBICIDE APPLICATIONS

1. Tenure Identification

LICENSEE NAME:	BCTS – Chinook Business Unit	**PMP NUMBER:**	402-0670-17/22
DISTRICT:	Chilliwack	**OPERATING ZONE:**	TCH-ML

2. Location, Access and History

OPENING NO.	092H043-50		**LICENCE:**	A83293	**CP / BLOCK:**	AM106
GENERAL LOCATION:	Lower Lillooet River		**SPECIFIC LOCATION:**	American Creek	**LAT / LONG:**	49°25”29’ N 121°27”36’ W
STANDARDS UNIT:	1		**SLOPE / ASPECT:**	40 % / NORTH	**ELEVATION RANGE:**	340 –400m
ACCESS:	Drive /Walk	4x4	Travel 5.5Kms North of Hope along Hwy 1 to American creek FSR, West side of Hwy just past Schkam Lake. Travel 2.6Kms up the FSR to the treatment unit. Note upper portion of unit only has a hoe trail that is not accessible by ATV.		**HISTORY:**	DIST 13,14 PL 15

3. Target Vegetation Description, Objective and Rationale for Treatment

TREATMENT UNIT:	**A**			
AREA (ha):	7.57			
TARGET VEGETATION: (common name)	Bracken fern, fireweed, thimbleberry, vaccinium, big leaf maple, birch, alder, vine maple, Douglas maple, Cherry, Cottonwood, elderberry, salmonberry, willow			
DECIDUOUS TREE HT (m) / SPH / DIAM (cm):	2-4 / 1000 / 2-8	/ /	/ /	/ /
SHRUB HEIGHT (m) / % COVER:	1-2 / 70	/	/	/
HERB HEIGHT (m) / % COVER:	0.5-2 / 30	/	/	/
NON-TARGET VEGETATION:	conifers			
PRIMARY OBJECTIVE:	**Brushing**	Harvesting occurred over an extended period of time due to market conditions and the block wasn’t planted for a couple of years. Since that time the deciduous vegetation, tall shrubs and herbs have overtopped a lot of the crop trees and are impacting growth and performance. The tall shrubs/herbs are damaging conifers due to combinations of snow/vegetation press and shading.		

4. Crop Tree Description and Recent Survey Activity

CROP TREE SPECIES / HEIGHT (m) / WS (sph)**::**	Fd80Cw20 0.6-1.5 / 872	Fd80Cw20 0.6-1.5/ 872	/	/
% IMPEDED BY BRUSH: (Total WS)	70	60		
PREF (ACC) SPECIES: (From SP)	Fdc (Cw,Hw)	Fdc (Cw, Hw)	( )	( )
RECENT SURVEY:	SU RE WALK 2016 07	SU RE WALK 2016 07		

5. Pesticide, Treatment Methods and Timing

TREATMENT UNIT:	**A**	**A**		
PRODUCT:	Glyphosate	Triclopyr		
PCP NO.:	26884 (Vantage Forestry	29334 (Garlon RTU)		
METHOD:	Backpack	Backpack		
TECHNIQUE:	Localized Broadcast Gr	Streamline		
MAX APPLICATION RATE (L / ha):	5.0 L/Ha	15.0 L/Ha		
EST. PRODUCT REQUIRED (L):	37.8	113.6		
APPLICATION TIMING:	June - October 2017	June-October 2017		

6. Bodies of Water, Water Courses and Wetland Areas

RIPARIAN FEATURE ID	RIPARIAN CLASS	ACTIONS PRESCRIBED TO PROTECT RIPARIAN FEATURES
A-2	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 #402-0670-17/22. Streams in the TU are seasonal and may or may not be flowing during the timing of treatment
A-3	S6	
B-1	S6	
B-2	S6	
C-1	S6	
C-2	S6	
X	S6	

7. Other Resource Values and Interests

CONCERNS IDENTIFIED	ACTIONS PRESCRIBED TO PROTECT OTHER RESOURCE VALUES

DSA PREPARED BY:	Chris Runnals	**FOR:**	BCTS Chinook
DATE:	03/05/2017	**ATTACHMENTS:**	Photos

Photo taken July 2016

Typical Fdc crop tree where growing in open light conditions