



2020/21 Fire Control Plan

for Forest Management Units F14, F26, P19, P21

Abstract

A report and map prepared and submitted annually by Tolko Industries Limited, Norbord Inc., La Crete Sawmills Ltd., NDEH Limited Partnership, and Netaskinan Development (GP) for carrying out activities on public land during the Fire Season (March 1st to October 31st).

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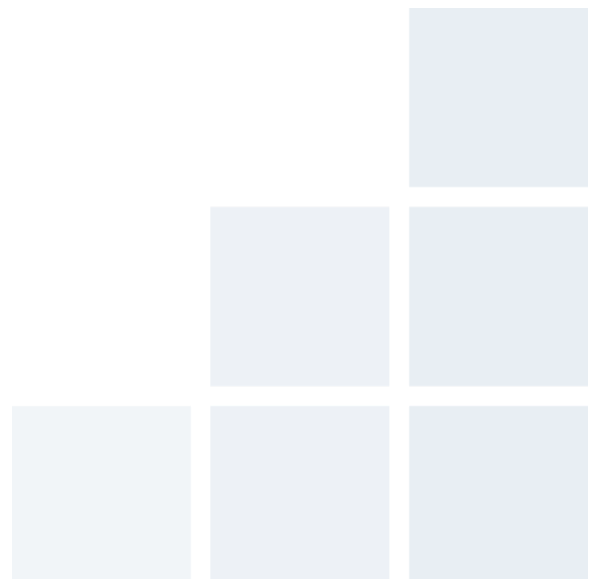


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3 FIRE CONTROL PLAN

The Fire Control Plan is submitted annually to Alberta prior to March 1st. The purpose of the Fire Control Plan is to include the required Minimum Standard Fire Control Plan Contents, and Wildfire Prevention and Response as per the Fire Control Agreement.

The Fire Control Plan contains text, tables, maps, and spatial data (2019/20 Burning Program). At the time of the Fire Control Plan submission operations from the 2019/20 timber year and proposed 2020 activities have not been finalized. The information provided is the best available data and forecasting as of March 1st. Information provided to Alberta post March 1st as required by the Annual Operating Plan will supersede information provided in the Fire Control Plan. The Fire Control Plan may be amended during the fire season as new information becomes available.

3.1 Fire Season

The Fire Season is from March 1st to October 31st, unless extended by the Minister as per the Forest and Prairie Protection Act. The 2020/21 Fire Control Plan is effective from March 1st, 2020 to October 31st, 2020.

3.2 Minimum Standard Fire Control Plan Contents

3.2.1 Forest Protection Coordinator

The Forest Protection Coordinator and the alternate Forest Protection Coordinator for the Companies have been identified in Table 3-2. The main role of the Forest Protection Coordinator is to provide a communication link between Alberta, the Companies and Contractors. The specific responsibilities of the Forest Protection Coordinator are:

- Preparation and implementation of the Fire Control Plan,
- Communication with Alberta regarding fire control matters,
 - A recipient on Alberta’s circulation list and forward pertinent information to Company and Contractor contacts,
 - Updating and submitting activities to the Wildfire Manager during periods of High, Very High and Extreme Fire Danger conditions through the use of the Activities Occurring on Public Land Form (Appendix 3-2).
- Coordination of fire prevention, pre-suppression, training, and suppression activities,
- Initiation of fire related investigations (internal) and preparation of follow-up reports and response,
- Coordination of Company involvement with Alberta on fire related investigations,
- Acquisition and distribution of local weather and fire data for fire prevention purposes, and
- Initiation of the evaluation and salvage plan development of burned timber.

3.2.2 Contact Information

Contact information for Alberta, the Companies and Contractors is listed below.

3.2.2.1 Alberta

Table 3-1: Alberta Agriculture and Forestry Contact Information

Forest Area	Contact	Title	Cell #	Office #	Email Address
All	Reporting a Fire	310-FIRE	-	310-3473	-
High Level	Duty Officer	Duty Officer	(780) 926-6599	(780) 926-5405	wf.do-hlv.i@gov.ab.ca
	Terry Jessiman	Forestry Manager	(780) 926-6872	(780) 926-5412	terry.jessiman@gov.ab.ca
	Amanda Harrison	Wildfire Prevention Officer	(780) 841-7876	(780) 926-5441	amanda.harrison@gov.ab.ca
	Kevin Hunt	Wildfire Technologist	(780) 841-9528	(780) 926-5419	kevin.hunt@gov.ab.ca
	Paul Ebert	Senior Area Forester	(780) 841-9184	(780) 926-7012	paul.ebert@gov.ab.ca
	Brian Sabatier	Area Forester	-	(780) 926-7013	Brian.Sabatier@gov.ab.ca
	Stephanie Grocholski	Area Forester	(780) 926-7509	(780) 926-7011	stephanie.grocholski@gov.ab.ca
	Stephanie Niemiec	Forest Management Operation Specialist	(780) 926-6955	(780) 926-7015	stephanie.niemiec@gov.ab.ca
Peace River	Duty Officer	Duty Officer	-	(780) 624-6191	peace.wfops@gov.ab.ca
	Trevor Lamabe	Forest Area Manager	-	(780) 624-6431	trevor.lamabe@gov.ab.ca
	Derek Bakker	Senior Forester	(780) 618-9326	(780) 624-6409	derek.bakker@gov.ab.ca
	Darius Salkauskas	Area Forester	(780) 836-0240	(780) 836-7306	darius.salkauskas@gov.ab.ca

3.2.2.2 Company

Table 3-2: Company Contact Information

Company	Contact	Department/Title	Cell #	Office #	Email Address
Tolko	Allen Plantinga**	Woodlands Manager	(780) 841-5474	(780) 926-8975	Allen.Plantinga@tolko.com
	Ashley Hazlett	Woodlands Supervisor	(780) 502-2462	(780) 926-8991	Ashley.Hazlett@tolko.com
	Candace Smith	Woodlands Accountant	(780) 247-1669	(780) 926-8939	Candace.Smith@tolko.com
	Cody Ryan	Woodlands Supervisor	(780) 841-9505	(780) 926-8926	Cody.Ryan@tolko.com
	Curtis Cole	Harvesting Superintendent	(780) 926-6657	(780) 926-8908	Curtis.Cole@tolko.com
	Dave Jonson	Woodlands Operations Supervisor	(780) 926-9212	(780) 926-8943	David.Jonson@tolko.com
	Francine Lehto	Woodlands Supervisor	(780) 926-9244	(780) 926-8980	Francine.Lehto@tolko.com
	JaDean Clarke	Woodlands Assistant	(780) 285-0402	(780) 926-8954	Jadean.Clarke@tolko.com
	Jesse Petroskey	Woodlands Supervisor	(780) 502-2379	-	Jesse.Petroskey@tolko.com
	Kevin Allen	Woodlands Operations Supervisor	(780) 926-9214	(780) 926-8935	Kevin.Allen@tolko.com
	Kyle Brookes	Woodlands Supervisor	(780) 502-3781	-	Kyle.Brookes@tolko.com
	Luc Emms	Woodlands Supervisor	(780) 502-3158	(780) 926-8962	Lucas.Emms@tolko.com
	Mike Masserey	Woodlands Supervisor	(780) 502-9155	-	Mike.Masserey@tolko.com
	Mike Morgan	Woodlands Operations Supervisor	(780) 926-9217	(780) 926-8928	Michael.Morgan@tolko.com
	Melanie Plantinga	Administrative Assistant	(780) 926-9449	(780) 926-8947	Melanie.Plantinga@tolko.com
	Norm Livingstone	Forestry Superintendent	(778) 212-1179	(780) 926-8918	Norm.Livingstone@tolko.com
	Neil Beaudry	Woodlands Supervisor	(780) 217-0517	-	Neil.Beaudry@tolko.com
	Nicholas Genier*	Woodlands Operations Supervisor	(780) 841-9340	(780) 926-8920	Nicholas.Genier@tolko.com
	Paul Hewitt	Woodlands Supervisor	(780) 841-9566	(780) 926-8992	Paul.Hewitt@tolko.com
	Sherry Bullock	Woodlands Accounting Supervisor	-	(250) 305-3671	Sherry.Bullock@tolko.com
	Tonni Lopez	Woodlands Supervisor	(780) 502-3672	(780) 926-8950	Tonni.Lopez@Tolko.com
	Trevor Lafreniere	Forestry Superintendent	(587) 985-8526	(780) 805-3851	Trevor.Lafreniere@tolko.com
	Wade Cable	Harvesting Superintendent	(780) 502-1079	(780) 926-8075	wade.cable@tolko.com
William Taylor	Woodlands Supervisor	(780) 841-9538	(780) 926-8973	William.Taylor@tolko.com	
Harry Clarke	Yard Supervisor (Mill Site)	(780) 841-7921	-	Harry.ClarkeJr@tolko.com	
LCSM	Aaron Doepel	Woodlands Manager	(780) 926-0112	(780) 928-2292	aarond@lacretesawmills.com
	Gerry Wieler	Operations/Planning Forester	(780) 926-5897	(780) 928-2292	woodlands@lacretesawmills.com
Norbord	Bart Ruptash	Operations Superintendent	(780) 512-3877	(780) 831-2598	bart.ruptash@norbord.com
	Fred Radersma	Woodlands Manager	(780) 518-2304	(780) 831-2516	fred.radersma@norbord.com
	Mackenzie Odonnell	Operations Forester	(780) 285-7336	(780) 926-7336	mackenzie.odonnell@norbord.com
	Nicolene Lawson	Woodlands Clerk	(780) 841-2787	(780) 841-3679	nicolene.lawson@norbord.com
	Sadie Gibson	Planning Forester	(780) 285-0458	(780) 841-3647	sadie.gibson@norbord.com
	Shaylene Lunam	Operations Forester	(780) 285-1812	(780) 841-3673	shaylene.lunam@norbord.com
	Tiffany Olson	Planning Superintendent	(780) 402-1668	(780) 831-2520	tiffany.olson@norbord.com
NDEH	Ken Graham	Chief Executive Officer	-	(780) 926-6051	ceo@ndeh.ca
Netaskinan	Mike Cardinal	Woodlands Manager	(780) 502-0576	(780) 927-3727	mikecardinal@tallcreefirstnation.ca

*Forest Protection Coordinator

** Alternate Forest Protection Coordinator

3.2.2.3 Contractors

Contractors who could be potentially working for the Companies during the Fire Season have been identified in Table 3-3. The Woodlands Managers listed in Table 3-2 and the Contractors listed in Table 3-3 will be notified by email by the Forest Protection Coordinator when an Access Restriction or Ceased/Restricted Operations is issued or there is relevant information regarding the fire hazard in the area (i.e. notices from Alberta).

Table 3-3: Contractor Contact Information

Department	Contractor	Company	Contact	Cell #	Other #	Email Address
Planning	2036646 Alberta Ltd.	Tolko	Michaela Jenkins	(780) 667-1152	-	michaela.jenkins@tolko.com
	Circle CRM Group Inc.	Tolko/Norbord	Margarita de Gusman	(403) 891-5617	(403) 984-8189	marg@circleconsulting.ca
	Boarderline Surveys Ltd.	Tolko	Jason Coates	(780) 330-9939	-	jwc.surveyor@gmail.com
	Buffalo Head Ventures	Tolko	John Wolfe	(780) 926-6864	-	buffaloheadventures@gmail.com
	Core Woodland Service	LCSM	Mike Janzen	(780) 247-1778	-	mike.cws@outlook.com
	Forsite Consultants Ltd.	Tolko	Jeremy Beal	(780) 655-2742	(587) 487-1740	jbeal@forsite.ca
	Fortech Enviro Inc.	Tolko/Norbord	Brandon Soroka	(780) 836-6083	(780) 625-7289	brandon@forteck.ca
	La Crete Forestry Services	LCSM	Jon Goertzen	(780) 821-0329	-	jon.goertzen@lcf.cc
	Robert Mills	Tolko	Robert Mills	(780) 782-4946	-	rhmill56@gmail.com
	Seeds Forestry Consulting Ltd.	Tolko	Jill Kubica	(780) 887-8235	-	Jill.kubica@tolko.com
	Shangri-La Forestry	Norbord	Shane Krupinski	(780) 843-9597	-	shane.krupinski@gmail.com
	Taiga Heritage Consulting	Tolko	Grzegorz Kwiecien	(780) 830-8691	-	gktaiga@telus.net
	Tree Time Service Inc.	Tolko	Kurtis Blaikie-Birkigt	(780) 975-0217	(780) 472-8676	kurtis@treetime.ca
Vertex Resource Group	Tolko		(780) 266-7286	(780) 646-3295	CBendick@vertex.ca	
Operations	Bateman Sand and Gravel	Tolko	Lee Bateman	(780) 956-4545	-	lindamitchell.bateman@gmail.com
	CK and Sons	Tolko			(780) 926-4815	ck-sonscontracting@hotmail.com
	Driedger Construction	Tolko	Vill Driedger	(780) 926-9403	(780) 926-6551	villd.dc@gmail.com
	Exact Harvesting Ltd.	Tolko	Philip Unrau	(780) 926-9402	-	philipu.ftc@gmail.com
	Forest Trotter Contracting Ltd.	Tolko	Philip Unrau	(780) 926-9402	-	philipu.ftc@gmail.com
	Friesen Logging 2005 Ltd.	LCSM	Dave Friesen	(780) 841-1362	(780) 928-0169	fl05ltd@gmail.com
	Hydra Pathways Corporation	Tolko	Cameron Chisaakay	-	(780) 841-8908	hydrapathways@hotmail.com
	Knelsen Sand and Gravel	LCSM	Ron Bergen	(780) 841-5378	-	ronb@knelsen.com
	Netaskinan Development (GP) Ltd.	Tolko/Norbord	Mike Cardinal	(780) 502-0576	(780) 927-3727	mikecardinal@tallcreefirstnation.ca
	NorTrac	Tolko	Martin Wolfe	(780) 841-1290	(780) 927-4653	nortraccontracting@gmail.com
	Sureway	Norbord	James Drieger	(780) 841-8076	-	jamesurewaylogging@gmail.com
	Timberbound Construction	Tolko	Ernie Wall	(780) 841-1177	-	ejwall4884@gmail.com
		Norbord	Danny Braun	(780) 841-9453	-	dannyb@timberbound.ca
TreeTech Logging Ltd.	Tolko	John Wiebe	(780) 841-1201	-	tretec@telus.net	
Silviculture	2092996 AB Ltd.	Tolko	Sheila Ghostkeeper	(780) 849-3583	-	sheila.ghostkeeper@gmail.com
	Apical Forestry	Tolko	Duncan Gish	(780) 538-1953	-	Duncan@apicalforestry.com
	Blackhawk Helicopters	Tolko	Brian Bartel	(604) 240-1580	-	brianbartel@gmail.com
	Blue Collar Forestry and Camps	Tolko	Jeff Lutes	(250) 614-4984	-	j_lutes@shaw.ca
	JJ Forestry	Tolko	Jeremiah Geisbrecht	(780) 821-9595	-	jg_jjforestry@live.com
	Little Red River Forestry Ltd.	Tolko, LCSM	Tina Arcand	(780) 926-5725	(780) 841-8127	tina.arcand@lrrf.ca
	Summit Reforestation Ltd.	Tolko, LCSM	Mike Sanborn	(250) 877-2670	(250) 847-5125	mat@summitreforestation.com
Woodlands North	Tolko	Bruce Nielsen	(780) 720-2402	-	bruce@woodlandnorth.co	

3.2.3 Fire Guardians

Fire Guardians will be appointed by the minister as required under Sect. 4(1) of the Act to conduct ground patrols throughout the Company's Forest Management Area or Quota Area.

3.2.4 Fireline Certification

Company staff members identified in Table 3-4 have fireline training can perform overhead functions on a fire.

Table 3-4: Fireline Certification

Company	Name	Training Type	Status	
Tolko	Curtis Cole	Dozer Boss	Trained	
	Dave Jonson	Dozer Boss	Trained	
	Nic Genier	Dozer Boss	Trained	
	Paul Hewitt	Camp Manager		Certified
		Documentation Unit Leader		Qualified
		Demobilization Unit Leader		Trainee
		IC 4		Certified
		Ground Support Unit Leader		Trainee
	Facilities Unit Leader		Uncertified	
William Taylor	Dozer Boss	Trained		

3.2.5 Key Personnel

Key personal have been identified in Table 3-1, Table 3-2, and Table 3-3.

3.2.6 Firefighting Equipment

The Companies are requesting an exemption from having a foam kit and foam on site as listed in Schedule 3 of the Fire Control Agreement. A further exemption is also requested for a mobile water tank holding at least 1,364 litres (300 gallons) only be required on site when there is minimal potential for the water to freeze and result in damage to the holding tank.

The Companies and Contractors maintain all other firefighting equipment which meets or exceeds the requirements of the Fire Control Agreement and the Forest and Prairie Protection Act.

A person traveling by means of a vehicle on public land is to carry firefighting equipment capable of controlling and suppressing a fire that may occur directly or indirectly because of their activities as listed in Table 3-5.

Table 3-5: Equipment for Fire Control – Mobile Equipment

Item	Vehicle	Heavy Equipment ¹	ATV, UTV ¹
Shovel	1	Track Shovel	Shovel, Axe or Pulaski***
20L Backpack with pump	1	-	-
Axe or pulaski	1	-	Shovel, Axe or Pulaski***
Container - 5L minimum	1	-	1
Fire Extinguisher	1*	1**	1 (dry chemical)
First Aid Kit	1	-	-

- *Fire extinguishers must be readily available, in good working order and available for use at all times.
- ** A portable fire extinguisher is required in addition to equipment fire suppression systems.
- *** A ATV/UTV can carry a shovel, axe or pulaski.

Work sites will be equipped with the required equipment for fire control based off of the number of people on site as identified in Table 3-6 as per the Fire Control Agreement.

Table 3-6: Equipment for Fire Control – Work Site

Item	People Working at the Site of Operations										Active Processing Yard ¹
	1	2	3	4	5	6-10	11-20	21-30	31-40	41+	
Shovel	1	1	2	2	3	5	10	15	20	Same as 31-40 plus increase by Minister	-
20L Backpack with pump	0	0	1	2	3	5	10	15	20		-
Axe or pulaski	0	1	1	1	2	5	10	15	20		-
Fire pump	0	0	0	0	0	0	0	1	1		1
Fire pump accessories	0	0	0	0	0	0	0	1	1		1
Fire hose	0	0	0	0	0	0	0	450m	450m		450m
Power saw	0	0	0	0	0	0	0	1	1		1
Mobile Water Tank	0	0	0	0	0	-	-	1,364L	1,364L		1,364L
First Aid Kit	-	-	-	-	-	-	-	3	-		-

- Hose is to be 1" or 1½" with instantaneous coupling 100' length.
- Mobile water tank is to be located in close proximity to activity.
- As per the exemption request the water tank will only be on site when there is minimal potential for the water to freeze in the holding tank.
- ¹Active refers to processing or hauling activities.

In addition to the required equipment listed in Table 3-5 and Table 3-6, the Companies have additional equipment for communication, transportation, and mapping available for fire control purposes listed in Table 3-7.

Table 3-7: Additional Equipment Available for Fire Control

Item	Equipment	Tolko	Norbord	LSCM
Saws	Power Saw	3	-	2
Communication	Cellular Phone	1/truck	1/truck	1/truck
	VHF Radio	1/truck	1/truck	1/truck
	VHF Handheld Radio	18	2	3
	Satellite Tracking System (Inreach – safety check-in)	20	2	1
Vehicles and Trailers	4X4 ½ ton trucks	3	1	1
	4X4 ¾ ton trucks	11	2	1
	4X4 ATV	18	-	1
	Argo	2	-	1
	Single Axle Trailer	-	-	1
	Tandem Axle Trailer	4	1	1
	Tandem Axle Flat Deck Trailer	-	-	1
GPS, GIS, and Mapping	Air photos, maps of FMA	Yes	Yes	Yes
	GPS Unit (iphone/ipad paired with Arrow)	20	-	1
	ArcMap Licence	Yes	Yes	Yes
	Silvacom Online GIS	Yes	-	Yes
	Trimble Land Resource Manager GIS	-	Yes	-
	Plotter	1	-	1
Pumps and Tanks	Washer Wagon Water Tank (1,200 gallon)	-	Standby	-
	Pump (Wajax Mark III or equivalent)	1	-	-
	Float-O Pump	1	-	-
	Bladder (3,000 gallon)	1	-	-
	Pump Accessories	1	-	-
	Hose (1" or 1½")	800'	-	-

3.2.7 Heavy Equipment – Companies

The Companies do not own any heavy equipment for fire suppression. Heavy equipment used by the Companies is hired under contract.

3.2.8 Heavy Equipment – Contractors

Contractors can be contacted to provide necessary heavy equipment required for suppressing fires where required. All costs for use or hire of firefighting equipment, vehicles or personnel will be billed at rates specified in the Forest Protection Payment Regulations. A listing of heavy equipment Contractor's used by the Companies is located in Table 3-2 under "Operations".

3.2.9 Planned Location of Equipment

A listing of equipment by location is located in Appendix 3-2.

3.2.10 Radio Frequencies

Commonly used radio frequencies are listed in Table 3-8, and are posted on main haul routes.

Table 3-8: Radio Frequency Summary

Company	Reference Name	Frequency
-	LADD 1	154.100
Tolko	Forest Trotter Construction	156.405
-	LADD 2	158.940
Tolko	Tolko Mill Yard	161.820
Tolko	TreeTech Logging Ltd.	162.075
Tolko	Timberbound Construction	162.285
Tolko	Friesen Logging - Driedger Operations	162.375
Norbord	Norbord Mill Yard	163.260
Tolko	Exact Harvesting – Main Haul	163.305
Norbord	Norbord 3 - Exact Main Haul	165.035
Tolko	Forest Trotter Construction - Logging	165.270
Norbord	Norbord 1 - Driedger S HWY 58	165.300
Norbord	Norbord 2	165.540
LCSM	LaCrete Sawmills – Hauling	165.765
Tolko	Tolko - Highway	171.300

3.2.11 Weather Reporting Stations

The Companies do not have weather reporting stations.

3.2.12 Ministerial Closure of the Forest Area

Should a Ministerial closure of the Forest Area be issued a description of contingencies for fire patrols, shift periods, and shut down will be assessed.

3.2.13 Rules, Regulations and Policy

During the fire season the Companies have a set of rules designed to help ensure fires do not occur from their operations during the fire season. The following are a listing of rules, regulations, and policies for employees and Contractors regarding fire prevention, suppression, and state of readiness:

- No person will light or cause to be lit an outdoor fire during the fire season unless that person:
 - has a fire permit and all the conditions on the permit are adhered to, or
 - is attended and has been lit for cooking or warming purposes, provided that the fire is set on bare mineral soil near water, debris has been cleared, fire is kept under control and extinguished before leaving the site.
- No lunch fires are permitted during the fire season (March 1st – October 31st).
- Mobile equipment is equipped with Firefighting equipment as stated in [Table 3-5](#). Including, all heavy equipment must have a fire extinguisher that is in good working order and available for use at all times.
- A person carrying on or being in charge of a timber, forest, or other industrial or commercial operation on public land will keep at the site available for immediate use an adequate water supply for firefighting purposes plus at least the equipment in good working condition, according to the number of people working at the site as listed in [Table 3-6](#).
 - Work sites, including tree planting camps and active processing yards, must have a cache of fire tools that meet the requirements of the Fire Prevention Regulations for the size of the crew as identified in [Table 3-6](#).
 - All support vehicles must carry a fire extinguisher, first aid kit and firefighting equipment that comply with Company safety policies, the Forest and Prairie Protection Act and Regulations as identified in [Table 3-6](#).
- Construction of Logging camps requirements:
 - Clear of all trees, shrubs, and other inflammable material in the area where the operation is being located,
 - Maintain a cleared distance of not less than 30 meters to the closest standing timber,
 - Maintain a clear bare mineral soil surface extending at least 8 meters around each burner, pit or other source of fire, and
 - have at the site of operation an approved fire extinguisher in working condition.
- Internal combustion engines are to be equipped with spark arresters or mufflers in good working condition.
- Helicopters dedicated to tree planting operations will have fire suppression capability such as a bambi-bucket.
- Any hot work (welding, grinding, oxy-acetylene cutting) must be done in a safe location with proper working, fire extinguishers available.
- Smoking is not permitted on harvested or forested area within a Forest Management Unit and is only permitted in designated areas. Designated areas are within a vehicle, cab of equipment or on bare mineral soil, but not within 15m of a fuel supply.
- At the beginning of the field season, training is to be given on the use of pumps.
- Fire procedures are to be reviewed at tailgate meetings during the fire season to review proper fire management and fire conditions.
- All field personnel (Company or Contractor) must take the All Field Services Environmental Management System (EMS) training which includes a section on All Terrain Vehicles. In this section carrying appropriate fire tools and maintenance of the machines (in particular removing debris from around exhaust) is covered. For Tolko personnel, this is supplemented by an ATV field day where this is reiterated.
- A person who caused a fire, directed the lighting of the fire, or a person who is otherwise responsible for a fire can be liable for the costs and expenses of fighting the fire and compensation for the loss or damage to timber.

3.2.14 Pre-Season Orientation

At this time the Wildfire Manager has not requested a list of personnel to attend the Alberta pre-season orientation course.

3.2.15 Maps

Forest Harvest Plan Maps and Annual Operating Plan Maps can be obtained from Alberta or requested by Wildfire Manager to be submitted with the Fire Control Plan. Digital data of the location of burning completed from the previous timber year(s) will be provided in the As Built Plan prior to April 30th (the Companies OneDrive site shared with Alberta can be referenced to obtain the data). A Fire Control Plan Overview Map has been included in [Appendix 3-1](#) and contains the following:

- Location of any burning done,
- Forest harvesting and construction crews,
- Location of camps to be used by harvesting, load/hauling, construction, and silviculture crews,
- Road plan showing the main access roads by Class, and
- Significant values at risk (i.e. processing yards, mill sites, snow cache, communities).

3.2.15.1 Burning Locations

The Forest and Prairie Protection (Ministerial) Regulation Section 6 - Forest Operations requires the holder of the timber disposition to reduce the fire hazards created as a result from harvesting operations as soon as practicable, **but no later than 12 months** after the harvesting operation has been completed, unless otherwise authorized by the Minister. Note, the Skid Clearance date will indicate that the start of the next timber year (May 1st) will be the start of the 12-month debris disposal period, as per the Debris Management Standards for Timber Harvest Operations Alberta Directive.

Blocks burnt within 2019/20 have been summarized and listed in [Appendix 3-3](#), reasonable efforts have been made to ensure the accuracy of burning locations. However, due to the short time period from when burning was completed (mid February) and the March 1st Fire Control Plan submission there may be errors/omissions. Prior to April 30st a shapefile of burnt blocks (as per section 18 of the Fire Control Agreement), [Appendix 3-3](#), and an updated Fire Control Plan Overview Map will be provided to Alberta.

3.2.15.2 2019/20 Burning

The 2019/20 General Development Plan provided a block listing of Outstanding Operational Items where pile burning was required. This listing was scheduled for completion prior to February 28, 2020. The 2019/20 burning program started approximately in the middle of November 2019 and finished approximately in the middle of February 2020. Blocks burnt within 2019/20 is located coin [Appendix 3-3](#) as "**SLASMGMT-BURNCOMP**". [Appendix 3-3](#) will be provided to Alberta as soon the tracking of the 2019/20 burning activities can be finalized, but no later than April 30th, 2020.

3.2.15.3 Debris Disposal Extension Request

As per the Debris Management Standards for Timber Harvest Operations Directive, a timber disposition holder may apply to the Forestry Division local forest area office for a one-year extension where weather or operational conditions have prevented them from completing safe debris disposal through burning operations.

A request letter indicating the opening numbers of the cutblocks and maps of the cutblock locations is to be attached to the Fire Control Plan submission as a part of the normal Annual Operating Plan approval process.

The request for an extension of one year will be reviewed by the local Wildfire Prevention Officer in conjunction with the local Senior Forester. The response will be provided in writing through the normal Fire Control Plan and Annual Operating Plan approval processes for the timber disposition holder.

The Companies will be submitting a Debris Disposal Extension Request. A Debris Disposal Extension Request will be submitted prior to April 30th for blocks listed in the 2019/20 General Development Plan (Outstanding Operational Items) where burning was unable to be completed as either:

- Re-Burn where piles were ignited, however burning was unsuccessful, and
- Extension where weather or operational conditions have prevented them from completing safe debris disposal through burning operations.

3.2.15.4 2020/21 Burning

The 2020/21 General Development Plan will provide a listing of blocks with outstanding debris pile burning obligations. This listing will include blocks with approved Debris Disposal Extension Request and blocks harvested under the 2019/20 timber year with pile counts. The General Development Plan is submitted to Alberta prior to June 1st.

3.2.15.5 Planting Box Disposal Concentration Area

As per the Reforestation Plan, where debris piles are not present within a block and ground access does not exist planting boxes will be concentrated for burning during the fire season. The location of these sites from the 2019 plant is located in Table 3-9. These areas were burnt between November 1, 2019 – February 28, 2020.

Table 3-9: 2019/20 Planting Box Disposal Concentration Area

FMU	Compartment	Company	Opening Number	Status
F26	BASSETT-4	High Level Forest Products (Tolko/LCSM)	6041082812	Burnt
F26	NEGUS-3	High Level Forest Products (Tolko/LCSM)	6011140950	Burnt
F26	NEGUS-3	High Level Forest Products (Tolko/LCSM)	6011121673	Burnt
F26	NEGUS-3	High Level Forest Products (Tolko/LCSM)	6011133038	Burnt
F26	NEGUS-3	High Level Forest Products (Tolko/LCSM)	6011131659	Burnt
F26	WADLIN-1	High Level Forest Products (Tolko/LCSM)	5061001674	Burnt
F26	WADLIN-1	High Level Forest Products (Tolko/LCSM)	5061010260	Burnt
F26	WADLIN-6	High Level Forest Products (Tolko/LCSM)	5071000616	Burnt
F26	WADLIN-6	High Level Forest Products (Tolko/LCSM)	5070991026	Burnt
F26	WADLIN-6	High Level Forest Products (Tolko/LCSM)	5060992950	Burnt
F26	ZAMA-1	High Level Forest Products (Tolko/LCSM)	6111140836	Burnt
F26	ZAMA-2	High Level Forest Products (Tolko/LCSM)	6101142055	Burnt

- Basstt-4 was burnt under a Burning Permit (order to reduce a fire hazard) and was completed on March 4th.

3.2.15.6 Scanning

Scanning of burnt debris piles will occur under snow free conditions in the spring of 2020. Blocks will be flown over with a helicopter and checked for hot spots using a heat scanner.

Debris pile holdover fires discovered during Company monitoring processes during the Fire Season will be reported to the applicable Wildfire Duty Officer and Area Forester and actioned accordingly to ensure that they are extinguished.

3.2.15.7 Alberta Debris Disposal Audit

Alberta completes a Debris Disposal Audit of the Companies burnt blocks. Should an audit identify deficiencies with pile burning blocks will be listed in the 2019/20 General Development Plan as Outstanding Operational Items and burnt the following winter.

3.2.16 Activity Summary

As personnel and locations of work can change throughout the Fire Season, the Activities Occurring on Public Land Form will be used to communicate changes with Alberta ([Appendix 3-2](#)).

The Activities Occurring on Public Land Form will be submitted to Amanda Harrison amanda.harrison@gov.ab.ca, Terry Jessiman terry.jessiman@gov.ab.ca, Kevin Hunt kevin.hunt@gov.ab.ca, the High Level Duty Officer high.wfops@gov.ab.ca, Darius Salkauskas darius.salkauskas@gov.ab.ca, and the Peace River Duty Officer peace.wfops@gov.ab.ca during periods of **High, Very High and Extreme Fire Danger conditions or when there are significant changes in activities during the Fire Season** by the Forest Protection Coordinator, or his designate.

3.2.17 Inspections

Periodic inspections will be conducted on Company employees and Contractors to ensure active operations (including processing yards) maintain the minimum standard of firefighting equipment and compliance with the Fire Control Plan.

Periodic audits are conducted on Contractor's camps to ensure that active operations maintain the minimum standard of firefighting equipment to meet regulations. For example: Planting camps will be audited once at every location.

Contractors working during the Fire Season are expected to assist with the prevention of wildfires through the following:

- Ensure regular processes are in place to inspect, maintain and test all relevant fire equipment (fire suppression systems in equipment, fire extinguishers, water tanks, hoses/pumps, tools, etc.)
 - Ensure equipment is easily accessible and running properly
 - Ensure appropriate fittings on all hoses and pumps
- Ensure engine compartment of equipment is free of clutter and debris (especially in blocks that create excess dust/debris such as burnt blocks)
- Ensure evacuation plans (including muster points, other possible emergencies) are discussed formally (at safety meetings or crew talks, etc.)
- Regularly review procedures during fire season to ensure all crew are familiar with equipment in fire cache and how to use it
 - This should be a part of new worker orientation processes
- Reiterate to workers that if they think they see or smell smoke, to stop immediately and investigate further. Immediate fire suppression will decrease the chances of significant equipment or environmental damage.
 - As per the "Stop Work Process", initiation of emergency response is reason for shut down. If you see smoke or flame, or if you hear of a fire being reported on site, stop work immediately and assist with fire suppression as per the Fire Emergency Response Process and/or local fire plan.
- Regular tests or drills should be done regularly (recommended a minimum of yearly, prior to fire season)
 - When tests or drills are done, notify Tolko Supervisor of completion so that findings can be shared for communication and prevention.
 - Tests/drills should be or mimic a real-life scenario and should test all parts of the response process to truly determine if equipment and worker response could adequately react to a real event.
 - Actual fires can be used as a test of your emergency response process.
 - When debriefing drills or actual events, the following things should be considered:

- Did the equipment work as it should have? Was it available?
 - Was the fire quickly identified and reported?
 - Was emergency response initiated quickly?
 - Did all employees know their role in the event of a fire?
 - Were operations shut down immediately?
 - Was the fire reported to the Tolko Supervisor?
 - Were all activities done in a safe manner?
 - What went well? What could have been done better?
- Know where potential water sources are in/around the area.

3.2.18 Training Program

The Companies do not currently have employees scheduled for wildfire training.

3.2.19 Support Personnel

Each Company will provide reasonable support personnel for wildfire suppression in the province with a priority in their area of operations. Such positions might include, but not be limited to, GIS, mapping, administrative, contract administrators, dozer bosses, and other fireline positions, as requested and subject to the availability of qualified personnel.

3.2.20 Processing Yards

As processing yards have been removed from the Companies operating area through a DML, they are not covered under the 2020/21 Annual Operating Plan – Section 3 Fire Control Plan. A separate document has been created titled 2020 Fire Control Plan for Processing Yards Held Under DML and includes the required information as identified in the Alberta letter dated July 4, 2017 (Log processing yards held under DML).

The 2020 Fire Control Plan for Processing Yards Held Under DML will be approved by Alberta separately from the 2020/21 Annual Operating Plan – Section 3 Fire Control Plan.

3.3 Wildfire Prevention and Response

3.3.1 Burning

During the Fire Season there will be no burning unless it is under the authority of a fire permit or an approved burn plan, and per the Forest and Prairie Protection Act.

3.3.2 Notification

The Wildfire Manager will be notified on the presence of a wildfire, including fires that a Company acts to suppress regardless of the time of year.

3.3.3 Reporting a Wildfire

Any **wildfire discovered on public land** will be reported to Alberta at **310-FIRE (310-3473)**. Although most wildfires are spotted by air/ground patrols, lightning mapping systems or from lookout towers, assistance from the Companies can play a vital role in detecting wildfires in a timely manner. Calling 310-FIRE is quick and easy and is available toll free, 24 hours a day, 7 days a week. If you see a wildfire or suspicious smoke (regardless of where or when it happens) please make the call. When calling 310-FIRE, here are some tips about the kind of information needed:

Where is the Fire?

- Legal location, landmark or nearby road will help in determining the fire's location

How is the fire burning?

- What is burning? Grass? Trees? Is it on Agricultural Land?
- How fast is it spreading? Is it stationary? Is it slower or faster than a normal walking speed?
- What colour is the smoke? Is it light grey or dark grey to black?
- What is the base size? Is it small, medium or large?
- What is the condition of smoke? Is it travelling straight up, drifting high or drifting low?

Other relevant information?

- What is in the immediate area? Are there values at risk, such as homes or structures, roads, or campgrounds?
- Is there road access available to the area or is it blocked?
- Is it a high traffic area?
- Is there a water source nearby?

3.3.4 *Aid, Assist and Work*

The Companies will take immediate action using as much of the resources reasonably and lawfully available in the vicinity of the fire as required to contain the fire regardless of the time of year.

When Alberta acts to suppress any wildfire within the Forest Management Area or Quota each Company may be requested to aid, assist, and work under the direction and control of Alberta. This could include:

- Contractor crews and equipment,
- Company employees and equipment, and/or
- mill personnel.

3.3.5 *Release*

The Wildfire Manager will release fire suppression assignments, all personal employed and equipment owned by the Companies, and Contractors as soon as may be practical.

3.3.6 *Briefings*

Alberta will provide briefings of suppression action being employed to suppress a wildfire. During periods of high hazard conditions on any portion of the Forest Management Area or Quota, the Forest Protection Coordinator agrees to receive from the Wildfire Manager and distribute daily weather forecasts, storm warnings, fire hazard indices, pre-suppression resource levels and resource locations. In addition, during periods of Head Fire Intensity 5 and higher, the Forest Protection Coordinator and Wildfire Manager, upon request, will meet at least once a week with all active industrial operators in the Forest Area for discussions with a goal to enhance readiness.

3.3.7 *Extinguished*

A wildfire will not be deemed extinguished until Alberta has declared the fire extinguished.

3.3.8 *Assist*

There is a reasonable expectation from Alberta that the Companies will assist in wildfire suppression.

3.3.9 *Access Restriction*

The Companies may request Alberta to restrict access to the general public during periods of high and extreme fire hazard. In the event an access restriction is instituted, the Companies will make reasonable effort when requested by Alberta to assist with the implementation of the access restriction.

3.3.10 *Ceased or Restricted Operations*

In the event Alberta declares a Forest Management Area or Quota area closed because of a fire hazard, the Companies will cease or restrict operations as may be directed by the Wildfire Manager.

3.3.11 *Contingencies*

Details and contingencies for ceasing or restricting operations during periods of high and extreme fire hazard will be determined at the time by the Wildfire Manager.

3.3.12 *Fire Guardians*

3.3.12.1 *Fire Guardians*

Alberta may cause those employees designated from time to time by the Companies to be appointed as fire guardians under section 4(1) of the Forest and Prairie Protection Act.

3.3.12.2 *Ground Patrols*

The Companies may be requested by the Wildfire Manager to conduct ground patrols with an appointed fire guardian upon request, and be advised of the results daily in writing.

3.3.12.3 *Assist with Fire Bans*

At a Head Fire Intensity 4 and higher the Companies may be requested by the wildfire Manager to conduct patrols and assist with fire bans and Forest Area closures by utilizing their fire guardians.

3.3.13 *Fire Overhead*

The Forest Protection Coordinator or the alternate Forest Protection Coordinator will be responsible for wildfire prevention measures and pre-suppression arrangements and who will act as the lead contact to the Wildfire Manager.

3.3.14 *Fire Training*

The Fire Protection Coordinator will establish and maintain minimum training standards for the Company employees and Contractors if they are conducting activities during the Fire Season.

3.3.14.1 *Basic Forest Fire Orientation Training*

Employees, Contractors and Contractor employees are required to comply with the Fire Control Plan. Prior to May 31st of each year, the Fire Protection Coordinator will ensure basic forest fire orientation training is available for Company employees and Contractor supervisors. Contractor supervisors will provide basic forest fire orientation training for their employee's. A request can be made to Alberta to use electronic or online based training if the Companies do not have their own programs or to supplement current safety programs. Training may be included in general safety, emergency response training, or pre-work/tailgates.

3.3.14.2 Fire Awareness

In the High Level forest area, the goal of the Companies in fire awareness is to minimize annual loss of forest due to wildfire in its interest. As a minimum requirement, the Companies will follow the Forest and Prairie Protection Act and Regulations in regards to fire prevention. Project tailgates will be completed during the fire season with the Company's employees, agents, and Contractors to enhance awareness, understanding and respect to the risk of fires.

Key components of the awareness aspect of fire protection are:

- Ensuring employees and Contractors can readily access the current Fire Control Plan.
- Ensuring employees and contractors are aware of current local fire hazards.
- Ensuring all employees and contractors have the appropriate equipment available and in proper working condition while operating during the fire season.
- Having a standardized procedure for reporting wildfires that is known by all employees and contractors.
- Ensuring employees and contractors are aware of water supply locations.
- Promoting and supporting education of fire control and prevention.
- Ensuring that wildfires discovered by employees and staff are reported immediately.

3.3.14.3 Wildfire Orientation Course

Prior to May 31st of each year, the Fire Protection Coordinator will ensure supervisors and contract supervisors have completed the Wildfire Orientation Course (or higher level of wildfire training), when provided by Alberta. A course refresher will be considered every five years.

3.3.14.4 Tolko Specific Training

Tolko has a policy that all field personnel (Company or contractor) must take the All Field Services Environmental Management System (EMS) training which includes a section on All Terrain Vehicles. In this section carrying appropriate fire tools and maintenance of the machines (in particular removing debris from around exhaust) is covered. For Tolko personnel, this is supplemented by an ATV field day where this is reiterated. At the beginning of the summer field season, training is also given on the use of the Mark III and Float-O pumps. Fire procedures are also reviewed at tailgate meetings during the fire season to review proper fire management and fire conditions.

3.3.14.5 Fire Response

When actioning a wildfire, the person will have basic forest fire orientation training and will act as the Incident Commander until relieved by Alberta.

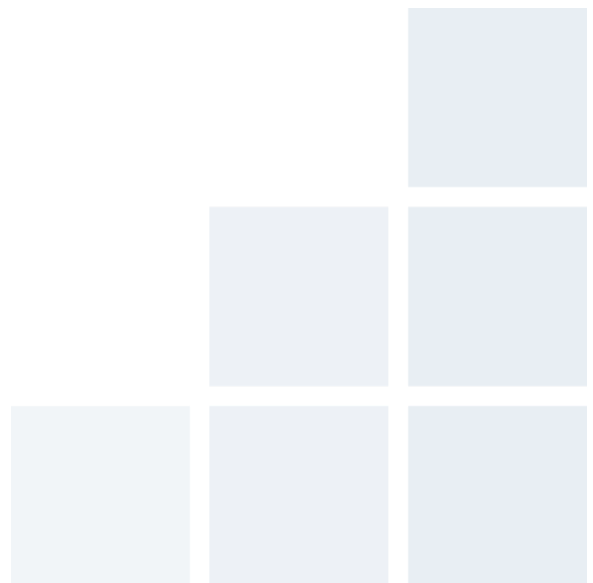
3.3.14.6 Specialized Training

Additional specialized training may be provided by Alberta upon request and at the discretion of the Wildfire Manager. For example, the Dozer Boss course, Incident Command System, online or electronic fire training.

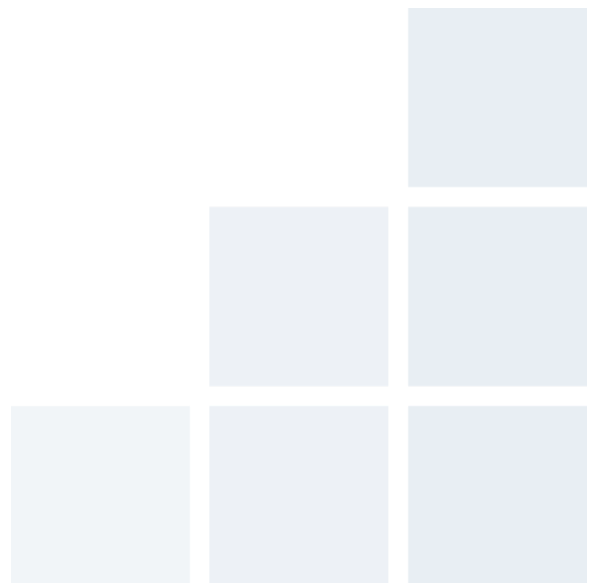
3.3.14.7 Safety Briefings

Daily safety briefings are to be conducted with Alberta staff as required to address daily hazards when Company employees are working for Alberta. For example, working with aircraft, working with heavy equipment, night fire operations, interface wildfires.

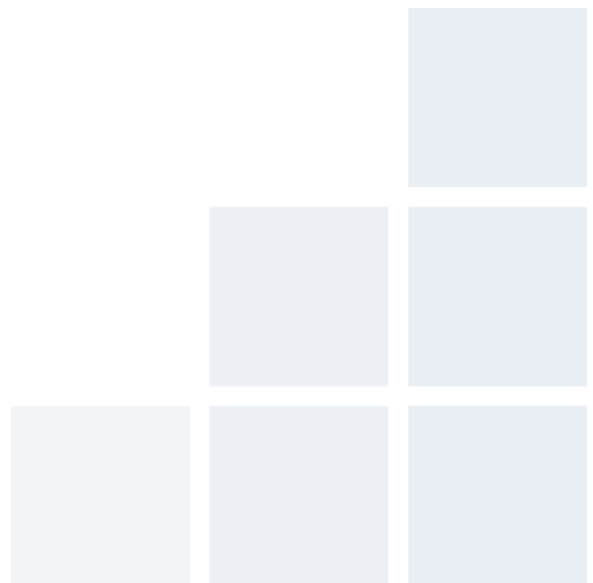
Appendix 3-1: Fire Control Pan Overview Map



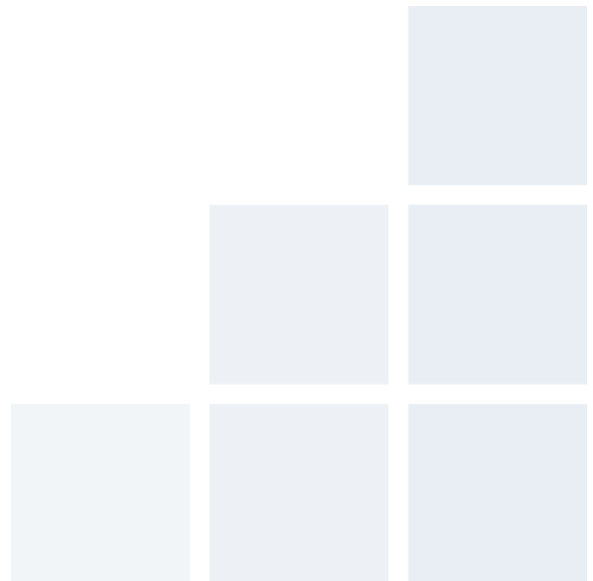
Appendix 3-2: Activities Occurring on Public Land Form



Appendix 3-3: 2019/20 Burning Summary



Appendix 3-4: Debris Disposal Extension Request



Appendix 3-5: Annual Operating Plan Section 3 – Fire Control Plan Approval(s)

