

PRESCRIBED FIRE BURN PLAN

	Year 1:	Year 2:	Year 3:
Reference Number:	R156002A		
Client Number:	18298		

Complexity Rating: Type III

Submitted by:

Name:	Ministry Of Forests, Lands and Natural Resource Operations Alicia Woods	Date:	Jan. 8, 15
	(Company or Agency and applicant name)		
Signature:	<i>Alicia Woods</i>	Certification Level:	

Reviewed by:

Name:	Name Gregory Belyea	Date:	Apr 21/15
Signature:	<i>Gregory Belyea</i>	Certification Level:	Acting District Manager

Prescribed Burn Plan Accepted:

Designated Forest Official – Protection

Name:	Name Cliff Lawson	Date:	APRIL 30, 2015
Signature:	<i>Cliff Lawson</i>	Certification Level:	PBB 3

Extension Accepted:

Year 2	Name:	Name	Date:	
	Signature:		Certification Level:	
Year 3	Name:	Name	Date:	
	Signature:		Certification Level:	

This Burn Plan Is Supported By A Prescription Which
Has Been Approved By the Land Manager

For help with this form, please visit our web site:

[HTTP://WWW.FOR.GOV.BC.CA/PROTECT/BURNING/BURNPLANHELP.HTM](http://www.for.gov.bc.ca/protect/burning/burnplanhelp.htm)

PRESCRIBED FIRE BURN PLAN

TABLE OF CONTENTS/BURN PLAN CHECKLIST

Complete <input checked="" type="checkbox"/> or N/A	Section and Title
X	Table of Contents (this page)
X	A. Project Overview
X	B. Fuel/Stand Description
X	C. Prescribed Burn Objectives and Desired Fire Effects
X	D. Values at Risk
X	E. Public Relations and Information Strategy
X	F. Prescribed Burn Operations
	G. Prescribed Burn Budget Estimates (if required)

Attached Schedules

	1. Prescribed Fire Prescription (either 1a or 1b)
X	2. Prescribed Fire Complexity Worksheet & Rating Guide (mandatory)
	3. Organization Chart (if required)
	4. On Site Communications Plan (if required)
	5. Medical Operations Plan (if required)
	6. Safe Work Procedures (if required)
	7. Information Plan – Notification Checklist (if required)
	8. Information Plan – Public Notice (if required)
	Information Plan - Public Notice – Radio Station (if required)
	9. Traffic Plan (if required)
	10. Security Plan (if required)
X	11. Prescribed Fire "Go-No-Go" Checklist (mandatory)
X	12. Burn Plan Map (mandatory)
	13. Stand/Fuels Description Map (if required)

PREScribed FIRE BURN PLAN

A. Project Overview

Location:

Geographic Location	Wilder Creek Blk 54 Bear Flats Blk 55 Red Creek Blks 56-57	Lat/Long	56 14 53, 121 3 5 56 16 10, 121 11 9 56 20 52, 121 16 23
Base Map/Opening		Forest Region	
Fire Centre	Prince George	District	Peace
Zone	Fort St. John	TSA	

Legal:

Land Status	Crown Land	Tenure /Licence	
Licencee/Owner		Phone Number (24hr.)	
Land Description		Plan Number	

Information:

Burning Supervisor	A. Woods/R.Woods	Phone Number (24hr.)	250-787-3287
Size	1,000 hectares	Photo Line Number	

General Description:

Fuel /Stand Description

1) Biogeoclimatic Subzone	BWBS
2) Site Series	
3) FBP Fuel Type	
4) Forest Cover	Aspen and willow regen with an understory of grass
5) Slope	0-35%
6) Aspect	South, southwest
7) Elevation	600m
8) Slope Position	
9) Valley Orientation	East-West
10) Duff Depth	
11) Soil Texture (predominant)	
12) Fuel Loading	Fine fuels - moderate, larger diameter fuels - light to moderate

Additional Comments:

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Prescribed Burn Objectives and Desired Fire Effects

Summary

Maintenance burn to maintain early seral habitat for wildlife, elk, moose, mule deer, sharp-tailed grouse.

- reduce aspen suckers
- clean up down woody debris
- stimulate grass growth

Weather

- proposed spring burn, between May 1st and May 30th
- temperature range 15-25
- RH range 12-50
- Wind speed 0-20 km

Fire Weather Indices/Codes

F.F.M.C. range 85-89

D.M.C . range 16-35

Fuel Moisture Content

Fire Behaviour to Meet Desired Fire Effects

- moderately intense surface fire hot enough to stress suckering deciduous trees on site.
- flame length may vary from 1 meter to 10 meters depending on fuel.

Smoke Management

- Will burn with good venting indexes.

Values at Risk

Threatened Areas (outside the burn area)

- private land above the burn areas (agricultural)

Areas to be Protected (inside the burn area)

N/A

Public Relations and Information Strategy

- notices will be broadcast on local radio stations of all proposed burn activities.
- trapper and guide outfitter will be notified.

Prescribed Burn Operations

Pre-Burn preparations

PRESCRIBED FIRE BURN PLAN

Ignition and Control Plan -burn will be lit with a Bell 206 Jet Ranger or A-star helicopter using an AIDS ignition system. -top and east side of blocks will be lit first to develop fire guards. -main block will be lit from the bottom once guards are established.					
Fire Suppression Resources at Burn Area for Ignition and Control					
Adult Persons	Hand Tools	Pumps	Hose	Heavy Equipment	Other
2					Helicopter

PREScribed FIRE BURN PLAN

Mopup and Patrol Objectives					
(All fires will be extinguished 14 days after ignition.					
If fires are still active 14 days after ignition, the Wildlife section and WMB zone officers will determine an appropriate course of action for the fire, based on site specifics and values at risk.					
Adult Persons	Hand Tools	Pumps	Hose	Heavy Equipment	Other

Patrol Plan

- burn area will be monitored by fixed winged aircraft every third day after light up.
- scanning will take place to confirm burn is extinguished.

Escape Fire Contingency Plan					
As per MOF/MOE Burn protocol agreement.					
Total Resources Required in Event of a Fire Escape					
Adult Persons	Hand Tools	Pumps	Hose	Heavy Equipment	Other

Prescribed Burn Budget Estimates (if required)

N/A

Monitoring

Monitoring

RH, temperature, wind and general weather conditions will be recorded at time of light up. Photos at time of light up, during burn and post burn will be taken.

Documentation

SCHEDULES

Schedule 1 – Fire Prescription/Addendum

Site History - Wilder Creek was previously burned in 1999; Bear Flats was previously burned in 1993; Red Creek was previously burned in 1984. However, Bear Flats and Red Creek have been burned more recently under Range tenure burns.

Vegetation - aspen and willow suckers 1 to 4 meters in height with an understory of grass.

Map of site attached.

PRESCRIBED FIRE BURN PLAN

Schedule 2 – Prescribed Fire Complexity Worksheet and Rating Guide

Complexity Element	Weighting Factor	Complexity Factor	Total Value
Safety	5	1 - Easy	5
Threats to Boundaries	5	1 - Easy	5
Fire Behaviour	5	1 - Easy	5
Objectives	4	1 - Easy	4
Size of Burn Organization	4	1 - Easy	4
Improvements within Burn Area or Adjacent to Burn Area	3	1 - Easy	3
Environmental/Timber/Cultural or Social Values	3	1 - Easy	3
Air Quality Values/Issues	3	1 - Easy	3
Logistic Considerations	3	1 - Easy	3
Political Considerations	2	1 - Easy	2
Tactical Operations	2	1 - Easy	2
Multiagency Involvement	1	1 - Easy	1
Project Total			40

Type III Burn Boss Required for Projects with Rating of 40 - 51

Type II Burn Boss Required for Projects with Rating of 52 - 84

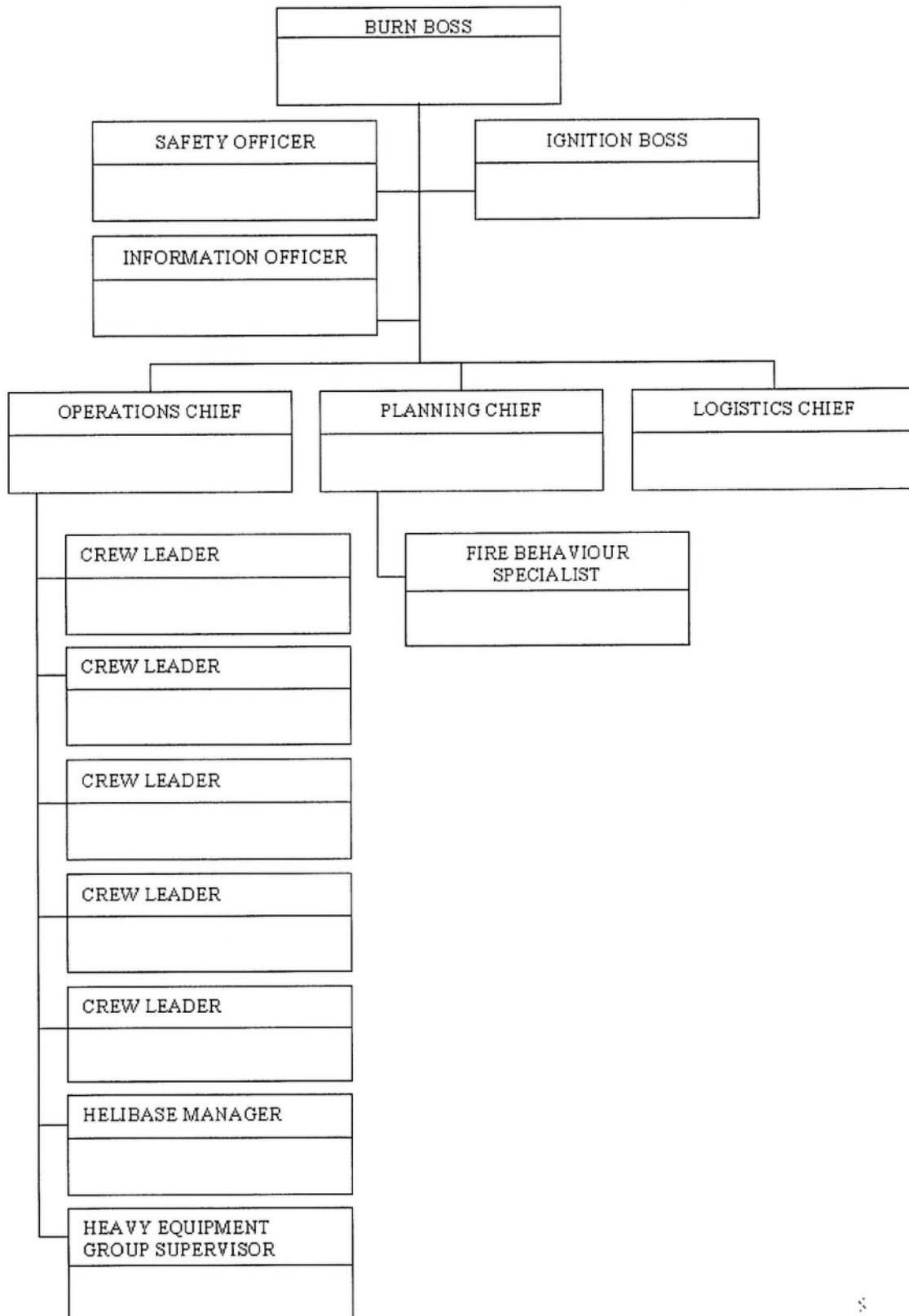
Type I Burn Boss Required for Projects with Rating of >84

The Prescribed Fire Complexity Analysis provides a method to assess the complexity of the Planned prescribed fire project. The analysis incorporates an assigned numeric rating complexity value for specific complexity elements that are weighted in their contribution to overall complexity. The weighted value is multiplied by the numeric rating value to provide a total value for that element. All elements are then "added to generate the total project complexity value. Breakpoint values are provided for low & moderate and high complexity elements." See help section for deriving rating factors.

<http://www.for.gov.bc.ca/protect/burning/complexityratingchart.htm>

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Schedule 3 - Organization Chart (if required)



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Schedule 4 – On Site Communications Plan

Schedule 5 – Medical Operations Plan

Schedule 6 – Safe Work Procedures

Schedule 7 – Information Plan – Notification Checklist (use ctrl + tab to move to next column)

Contact	Notified		Telephone	Fax

Schedule 8 – Information Plan – Public Notice

Information Plan – Public Notice – Radio Station

Schedule 9 – Traffic Plan

Schedule 10 – Security Plan

PRESCRIBED FIRE BURN PLAN

Schedule 11 – Prescribed Fire “Go-No-Go” Checklist

Project Name		Burn Boss	
<u>Checklist Item:</u>		YES	NO
1.	Is burn plan complete and approved? Reference number	<input type="checkbox"/>	<input type="checkbox"/>
2.	Are all fire prescription specifications met?	<input type="checkbox"/>	<input type="checkbox"/>
3.	Are all smoke management prescription specifications and requirements met? Has the public information and communications plan been fully implemented?	<input type="checkbox"/>	<input type="checkbox"/>
4.	Is the current and projected fire weather forecast favourable?	<input type="checkbox"/>	<input type="checkbox"/>
5.	Are all personnel, required in the prescribed burn plan, on site and qualified for assigned positions?	<input type="checkbox"/>	<input type="checkbox"/>
6.	Have all personnel been briefed on the prescribed burn plan requirements?	<input type="checkbox"/>	<input type="checkbox"/>
7.	Have all personnel been briefed on the project safety plan, including known hazards, and L.C.E.S. (Lookouts, Communications, Escape Routes, and Safety Zones)?	<input type="checkbox"/>	<input type="checkbox"/>
8.	Is all the required equipment in place and in working order?	<input type="checkbox"/>	<input type="checkbox"/>
9.	Are available resources including backup, adequate for containment of potential escapes? Are the assigned resources in place?	<input type="checkbox"/>	<input type="checkbox"/>
10.	Is the test burn adequate for assessing the burn's potential?	<input type="checkbox"/>	<input type="checkbox"/>
11.	In your opinion, can the burn be carried out according to plan and will it meet the planning objectives?	<input type="checkbox"/>	<input type="checkbox"/>
12.	Is there an adequate contingency plan developed? Has it been communicated to assigned supervisors?	<input type="checkbox"/>	<input type="checkbox"/>
13.	Have notifications been completed?	<input type="checkbox"/>	<input type="checkbox"/>

If all 13 questions have been answered “YES”, you may proceed with ignition.

Revised 2001-02-12

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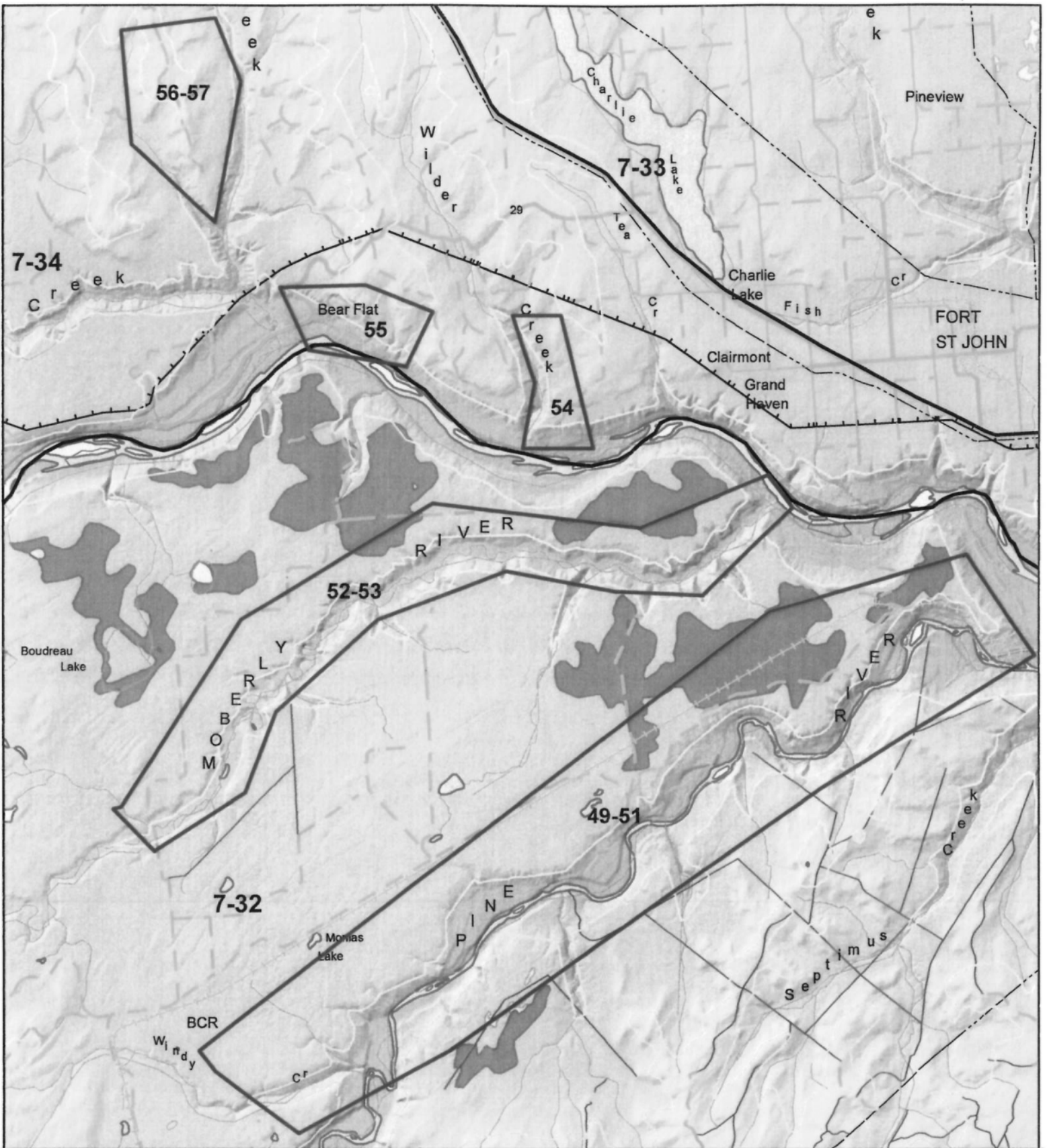
Schedule 12 – Burn Plan Map

Attach map to printed copy.

Schedule 13 – Stand/Fuels Description Map

Attached or N/A



NP



2015 Proposed Burns
Red Creek Blocks 56-57
Wilder Creek & Bear Flats Blocks 54-55
Moberly River Blocks 52-53
Pine River Blocks 49-51



1:200,000

-  2015 Proposed Burn Sites
-  Wildlife Management Units