

October 5, 2009

**DAISHOWA-MARUBENI INTERNATIONAL LTD.
Peace River Pulp Division**

FINAL HARVEST PLAN

INTRODUCTION

This plan is for **DTPS210001** issued by Alberta Sustainable Resource Development and covers a period from August 15,2009 to April 30, 2012. This DTP is within FMA0200039 which is held by Tolko Industries, High Prairie.

The proposed location of manufacture for deciduous volume harvested under the authority of this plan is the Daishowa-Marubeni International Ltd., Peace River Pulp Mill located near Peace River, Alberta.

Incidental coniferous timber harvested as a result of deciduous harvesting operations, will be offered to Buchanan Lumber in High Prairie, Alberta.

Upon delivery to the respective mill sites all material will be weigh scaled.

<u>DECIDUOUS PRODUCTION (Quadrant)</u>
Proposed production for this timber year:
Deciduous Dominated Stands: 321,780 m³ Incidental Coniferous: 47,223m³

WOOD UTILIZATION OPERATIONS

Deciduous utilization standards are 15/10 as stated in the DTP. Deciduous **operating conditions** are subject to the Manning Diversified Forest Products ground rules (with the exception of the retention strategy which will adhere to the strategy of Tolko, High Prairie), and any additional operating conditions listed in the Alberta Sustainable Resource Development (ASRD) Letter of Approval.

The coniferous utilization standards are 15/11. Coniferous operations will comply with the Operating Ground Rules agreed upon with ASRD and any additional operating conditions listed in the ASRD Letter of Approval.

ACCESS DEVELOPMENT

Prior to company use of any existing road, pipeline, power line, well site or other disposition held by a third party, the consent of the holder will be obtained.

Reclamation will be concurrent with completion of operations. The access development and reclamation will follow the company's weed control plan.

Third Party Dispositions:

Number	Held By:	Road Class	Season of Operation	Access Control
LOC920242	Canadian Natural Resources Inc.	III	All weather	NA
LOC982402	Canadian Natural Resources Inc.	III	All weather	NA
LOC980779	Galleon Energy Ltd.	IV	Dry/frozen	NA
LOC001921	Fox Creek Petroleum Corp.	IV	Dry/frozen	NA
LOC012544	Galleon Energy Ltd.	IV	frozen	NA
MSL981070	Galleon Energy Ltd.	IV	frozen	NA
MSL013454	Galleon Energy Ltd.	IV	frozen	NA
MSL060280	Galleon Energy Ltd.	IV	frozen	NA
LOC4521	Buchanan Lumber Ltd.	IV	frozen	NA
LOC032359	Galleon Energy Ltd.	IV	frozen	NA
LOC031426	Galleon Energy Ltd.	IV	frozen	NA
MSL032115	Canadian Natural Resources Inc.	IV	frozen	NA
LOC032291	Canadian Natural Resources Inc.	IV	frozen	NA
MSL033455	Galleon Energy Ltd.	IV	frozen	NA

MSL044270	Galleon Energy Ltd.	IV	frozen	NA
MSL992397	Galleon Energy Ltd.	IV	frozen	NA
LOC082006	Koch Exploration	IV	frozen	NA
LOC991640	Galleon Energy Ltd.	IV	frozen	NA
LOC031192	Canadian Natural Resources Inc.	IV	frozen	NA
LOC020488	Galleon Energy Ltd.	IV	frozen	NA
LOC031631	Canadian Natural Resources Inc.	IV	frozen	NA
LOC991645	Galleon Energy Ltd.	IV	frozen	NA
LOC020321	Galleon Energy Ltd.	IV	frozen	NA
LOC040271	Galleon Energy Ltd.	IV	frozen	NA
LOC991645	Galleon Energy Ltd.	IV	frozen	NA
LOC010841	Galleon Energy Ltd.	IV	frozen	NA
MSL011133	Galleon Energy Ltd.	IV	frozen	NA
MSL055198	Galleon Energy Ltd.	IV	frozen	NA
MSL003217	Galleon Energy Ltd.	IV	frozen	NA
LOC020404	Galleon Energy Ltd.	IV	frozen	NA

Road Construction

Class V Roads

In-block roads will be installed during harvest of AOP approved blocks for that harvest season . The block roads will be reclaimed upon completion of hauling.

STREAM CROSSINGS

The table below lists the crossings to be utilized to access the blocks listed in Table 1. Crossings that are located on routes held under LOC by DMI or other companies will not be identified.

The removal of crossings constructed with snow or log fills will be removed after operations are completed.

If there are any crossings that require approval from Department of Fisheries and Oceans or the Water Management Division of Alberta, appropriate applications will be completed and approvals obtained before proceeding with any work.

Crossing No.	Structure	Stream Class	Company
1	Log/snow fill	intermittent	DMI
2	Log/snow fill	intermittent	DMI
3	Log/snow fill	intermittent	DMI
4	Log/snow fill	intermittent	DMI
5	Log/snow fill	intermittent	DMI
6	Log/snow fill	intermittent	DMI
7	Log/snow fill	intermittent	DMI
8	Log/snow fill	intermittent	DMI
9	Log/snow fill	intermittent	DMI
10	Log/snow fill	intermittent	DMI
11	Log/snow fill	intermittent	DMI
12	Log/snow fill	intermittent	DMI
13	Log/snow fill	Small permanent	DMI
14	Log/snow fill	intermittent	DMI
15	Log/snow fill	intermittent	DMI
16	Log/snow fill	intermittent	DMI
17	Log/snow fill	intermittent	DMI
18	Log/snow fill	intermittent	DMI
19	Log/snow fill	Small permanent	DMI
20	Log/snow fill	intermittent	DMI
21	Log/snow fill	intermittent	DMI
22	Log/snow fill	intermittent	DMI
23	Log/snow fill	Small permanent	DMI
24	Log/snow fill	intermittent	DMI
25	Log/snow fill	intermittent	DMI
26	Log/snow fill	intermittent	DMI
27	Log/snow fill	intermittent	DMI
28	Log/snow fill	intermittent	DMI
29	Log/snow fill	intermittent	DMI
30	Log/snow fill	intermittent	DMI
31	Log/snow fill	intermittent	DMI
32	Log/snow fill	intermittent	DMI
33	Log/snow fill	intermittent	DMI
34	Log/snow fill	intermittent	DMI
35	Log/snow fill	intermittent	DMI
36	Culverted log/snow fill	intermittent	DMI
37	Log/snow fill	intermittent	DMI

OPERATIONS

Deciduous harvesting will utilize a Feller-buncher, grapple skidder, bush chipper and chip trucks to haul chips to the pulp mill.

Coniferous harvesting will be mechanized and completed with a feller-buncher, grapple skidder, and stroke delimeter with tree-length haul to the sawmill.

TRAPPERS and OTHER USER NOTIFICATION

All Trappers and other identified user groups will receive a copy of this Final Harvest Plan.

Number	Holder	Contact Date	Method
1331	Jules Labrecque	September 2009 FHP	Registered Mail
1530	Alain Labrecque	September 2009 FHP	Registered Mail
2427	Jim Himer	September 2009 FHP	Registered Mail
2535	Chris Hildebrand	September, 2009	Registered Mail
2585	Terry DBoransky	September 2009 FHP	Registered Mail

DESIGN CONSIDERATIONS

The deciduous component of this plan was developed directly from the approved sequence for FMA0200039 with the following objectives being considered:

- Implement a single-pass harvest system that utilizes natural stand boundaries as block boundaries to avoid potential fragmentation of the landbase.
- Design in-block roading that minimize road construction, reclamation requirements, and access throughout the area after harvest.

CUTBLOCK SUMMARY

The cutblock summary is listed in Table 1(Final Harvest Plan Report) Appendix 1.

RETENTION

This plan will follow the retention strategy outlined in the operating ground rules for Tolko High Prairie.

VARIANCE

There is no planned variance. All blocks were planned using Tolko's approved harvest sequence and block layout has not been completed. Variance will be completed after layout is complete.

BLOCK SEQUENCING

Total volume (321,780 m³) of this DTP will be feller bunched this winter. Approximately 231,780 m³ will be chipped and delivered to the mill. 90,000 m³ will be left in bunches in the cut blocks until winter 2010/11 when it will be skidded, chipped and hauled. These blocks will be identified in the AOP submission as inventory wood.

SLASH DISPOSAL

Slash disposal guidelines set out in section five of the 2009 GDP will be followed. Hog may be processed and delivered to DMI mill site in Peace River where it will be fed into the boiler to power the plant. If hog is not processed, it will be piled and burned at roadside.

HISTORICAL RESOURCE CONSIDERATIONS

This plan's operations will comply with the Alberta Historical Resources Act. Refer to table 1, Appendix 1 for individual block status. At this time the assessment for this DTP is still in progress.

UNDERSTORY MANAGEMENT

Any understory encountered during layout and operations within these blocks will be assessed and protection measures implemented as indicated in DMI's understory protection guidelines. Refer to table 1 Appendix 1 for individual block status.

The inspecting Forest-Officer will be notified of any changes to the understory protection prescriptions.

REFORESTATION PROGRAM

Table 1, Appendix 1 outlines the proposed silviculture system and silviculture strategy for the blocks to be harvested.

The reclamation methods to be used are as follows:

Non-frozen ground operations: Roads and chipper sites will be ripped and rolled back, and seeding will be done as required. Road and Chipper sites will be planted with conifer seedlings.

Frozen ground operations: Piling, roll back, and seeding will be done as required.

DMI's "Reclamation and Native Vegetation Guidelines" will be followed during reclamation.

Pre-harvest Land base

Table1 Appendix 1 outlines pre harvest strata polygons by the four cover types based upon the current Forest Inventory data.

The Table also outlines pre harvest strata polygons by the four cover types based upon the current Forest Inventory data. DMI recognizes that small areas of other land bases (DC,CD,C) do fall within some D blocks. Strategies will be taken in accordance to DMI's reforestation plan to ensure that land base areas get balanced.

ENDORSEMENT OF FHP BY FMA HOLDER AND QUOTA HOLDERS
ENDORSEMENT OF FHP: DTPS210001

All companies have reviewed this Final Harvest Plan, and endorse the design that is applicable to each operation.


FHP prepared by:

Name: Peggy Pike

Name: _____

Position: Forest Resources Supervisor,
Planning

Position: _____

Signature: 

Signature: _____

Date: RPF 975

Date: _____

Daishowa-Marubeni International Ltd.
Peace River Pulp Division
Postal Bag 6500
Peace River, AB T8S 1V5
(780) 624-7337

Contact Information:
Tolko Industries Ltd.
Box 38
High Prairie, AB
T0G 1E0
Phone: 523-4544

Name: _____

Position: _____

Signature: _____

Date: _____

Contact Information:
Buchanan Lumber
Box 38
High Prairie, AB
T0G 1E0
Phone: 523-4544

APPENDIX 1

FHP Checklist			
Area:	DTPS210001	Disposition Number	FMA0200039
Company:	DMI	Date Disposition Issued	Sept.2009
Season of Harvest	NonFrozen/frozen	Date Disposition Expires	April 30, 2010
DTA number		Submission date	Oct.5, 2009
Approval Item	Yes/No	Initial/Date	
Validated by RPF	yes	Oct.5/09	
Variance < 20% compartment/decade	yes	Oct.5/09	
Sum of proposed area to harvest and previously harvested area does not exceed 100% SHS	Yes	Oct.5/09	
Compartment assessment required	no		
Adheres to all ground rules.	Yes		
Plan signed by imbedded tenure holders	Out for signatures		

Administration

Copies of FHP to:

- Area Planning Forester
- Forest Officer
- Fish & Wildlife
- Other
- FHP consistent with approved higher plans (DFMP, SHS, GDP)
- Required Disposition has been issued and is active
- FHP complete and legible
- maps
- block tables
- reforestation program
- detailed block plans where requested
- contingency plans
- copies required as per FMA or regional OGR

Company SRD

- Yes (2) _____
- _____
- _____
- _____
- Yes _____
- Yes _____
- Yes _____
- Yes _____
- Yes _____
- Will provide _____
- yes _____
- Yes _____

Utilization

Utilization standard matches tenure document yes

Deviations from utilization standards are identified, explained and justified(Rub posts, high stumps, retention, etc) n/a

Ground Rule Deviations- If Answered “No” Above

All blocks containing ground rule deviations have been justified. n/a
Explanation and justification provided for all ground rule deviations

Integration With Other Users

If plan is not integrated, explanation and justification are provided yes

Recipient of incidental is identified yes

Trappers have been identified and contacted yes

Trapper cabins. Trails, and other improvements are identified and integrated into the plan yes

Recreational groups have been identified and contacted where issues have been observed. n/a

GTA completed and grazing disposition holders have been contacted (directive 2006-01) n/a

Historical sites have been identified and integrated into the plan. Still being reviewed

Any issues raised by other users or the public have been documented No

Potential land use conflicts have been documented and mitigated (PNT, CNT, road use agreements, etc) concerns

Access Management

Access management, including control measures have been described and identified (location, timing, signage, etc) yes

Sensitive Sites

Aesthetic/recreational concerns addressed yes

Water source areas identified and potential impacts mitigated. None found

Permafrost/peat land areas impacted by operations are identified, explained and justified (detailed block plans are submitted) n/a

Road Design

Location, design and width of corridors have been identified. Yes

List of watercourse crossings including crossing type, classification, map identifier, etc Yes

Crossings not exempt under the Water act are identified n/a

Any proposed permanent access in Caribou zones, Grizzly bear zones, or ungulate winter range have been identified, explained and justified. n/a

Existing access and LOC's integrated into the plan are identified. Yes

Road reclamation and abandonment plan included	yes
Removal and reclamation of old crossings is identified.	<u>n/a</u>

Wildlife

Wildlife zones within the planning area are identified and addressed.	<u>Yes</u>
Harvest areas with timing restrictions identified, Block sequencing may be required.	<u>Yes</u>
All known sensitive wildlife sites have been addressed (mineral licks, raptors nest, dens, sites etc.)	<u>Yes</u>


Insect , disease & fire

The FHP has compiled with direction provided in Community FireSmart Plans.	<u>n/a</u>
Known insect and disease infestations are identified and described.	<u>no</u>
Mitigation of infestation, diseases or endangered timber described.	<u>n/a</u>
Debris disposal methods identified.	<u>Yes</u>

Silviculture

Watercourse crossings maintained for silviculture purposes are identified.	<u>n/a</u>
Pre-harvest declaration is included.	<u>Yes</u>

Company Sign-off

	Daishowa Marubeni International	Oct.5,2010
Submitting RPF Validation RPF 975	Company	Date

Submitting RPF Validation (intergrated plans)	Company	Date
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SRD Sign-off

Reviewing RFO Validation	Date
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Table 1 - Final Harvest Plan Report

Op Area: DTPS210001

Block Id	Merch Area	Plan Con Vol M3	Plan Dec Vol M3	Road Number	Road Class	Road Development	PHA Complete	Op Ground Conditions	Harvest Method	Silv System	Silv Strategy	Understory	Wildlife	Historic Concern	C Area	CD Area	DC Area	D Area
0300	8.8	452.8	1,977.2	0300	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	8.8
0301	8.1	126.7	859.9	0301	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	8.1
0302	5.9	122.6	1,434.5	0302	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	5.9
0303	112.8	2,273.8	22,858.2	0303	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	13.2	99.6
0304	2.3	47.7	558.4	0304	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	2.3
0305	3.8	66.6	584.7	0305	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	3.8
0306	5.1	89.2	783.7	0306	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	5.1
0307	3.7	64.2	563.5	0307	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	3.7
0308	32.1	603.1	6,078.1	0308	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	32.1
0309	0.8	14.0	123.3	0309	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	0.8
0310	5.4	95.5	874.6	0310	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	5.4
0311	20.8	367.0	3,302.2	0311	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	20.8
0312	13.1	672.7	2,937.5	0312	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	13.1
0313	13.3	684.9	2,991.0	0313	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	13.3
0314	7.5	155.5	1,820.0	0314	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	7.5
0315	2.9	61.2	716.2	0315	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	2.9
0316	41.9	869.3	9,457.8	0316	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	41.9
0317	3.8	78.7	920.8	0317	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	3.8
0318	5.7	99.8	876.4	0318	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	5.7
0319	37.2	647.7	5,687.7	0319	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	37.2
0320	2.0	40.7	476.3	0320	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	2.0
0321	5.3	273.2	1,192.9	0321	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	5.3
0323	3.0	51.9	456.0	0323	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	3.0
0324	1.7	35.9	420.3	0324	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	1.7
0325	12.8	287.5	2,608.4	0325	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	12.8
0326	46.7	838.0	7,809.8	0326	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	8.4	38.3
0328	28.3	492.3	4,323.2	0328	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	28.3
0329	19.2	345.6	3,251.7	0329	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	15.6	3.6
0330	11.9	206.8	1,816.0	0330	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	11.9
0331	2.5	43.2	379.1	0331	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	2.5
0401	1.0	11.7	193.8	0401	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	1.0
0402	3.3	86.7	640.0	0402	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.1	0.0	3.2
0403	3.0	196.7	609.3	0403	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.2	0.0	0.2	2.6
0404	41.8	1,893.4	8,868.0	0404	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.5	0.0	0.1	41.3
0405	92.9	3,879.9	18,524.1	0405	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	1.4	0.0	91.5
0406	5.9	440.0	1,092.0	0406	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	1.5	0.0	4.4
0407	11.3	234.0	1,774.9	0407	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.3	0.0	11.0
0408	31.0	1,560.0	6,773.3	0408	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.2	0.0	0.1	30.4
0409	63.1	4,590.0	12,871.8	0409	V	Blade line, log and stump block road	No	Non Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.3	8.3	5.3	49.3
0410	25.3	1,527.2	5,026.9	0410	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	5.0	20.3



Table 1 - Final Harvest Plan Report

Op Area: DTPS210001

Block Id	Merch Area	Plan Con Vol M3	Plan Dec Vol M3	Road Number	Road Class	Road Development	PHA Complete	Op Ground Conditions	Harvest Method	Silv System	Silv Strategy	Understory	Wildlife	Historic Concern	C Area	CD Area	DC Area	D Area
0411	15.0	666.2	3,138.4	0411	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	15.0
0412	2.7	42.8	290.4	0412	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	2.7	0.0
0413	6.9	300.0	960.6	0413	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.4	0.7	0.0	5.8
0414	4.8	151.9	698.4	0414	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.3	0.0	0.0	4.5
0415	7.9	126.7	817.5	0415	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	7.9
0417	0.8	31.7	96.2	0417	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.2	0.0	0.6
0420	2.8	142.0	634.0	0420	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.2	0.4	2.2
0421	20.1	411.6	3,808.4	0421	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	20.2
0424	15.2	223.2	3,125.3	0424	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.1	0.0	0.9	14.2
0425	76.9	1,569.4	14,224.6	0425	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	29.4
0439	8.6	173.8	2,026.6	0439	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	8.6
0440	78.1	1,405.9	13,118.5	0440	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	78.1
0441	11.5	238.6	2,787.9	0441	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	11.5
0442	10.1	210.8	2,465.9	0442	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	10.1
0444	27.4	549.1	6,091.0	0444	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	27.4
0445	50.9	995.8	10,698.7	0445	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	50.8
0446	32.1	581.6	5,515.4	0446	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	32.1
0447	2.7	47.1	413.4	0447	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	2.7
0448	4.1	85.9	1,003.7	0448	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	4.1
0449	3.5	54.1	381.1	0449	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	3.5
0450	19.0	297.7	2,022.0	0450	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	19.0
0451	4.0	63.0	426.4	0451	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	4.0
0452	3.7	58.5	397.1	0452	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	3.7
0453	2.2	21.2	501.0	0453	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	2.2
0454	2.6	41.2	280.1	0454	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	2.6
0455	4.0	82.7	967.8	0455	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	4.0
0456	1.8	31.4	276.2	0456	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	1.8
0458	17.9	1,020.4	2,383.5	0458	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.9	5.2	3.6	8.2
0459	6.0	68.6	1,312.9	0459	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.1	0.0	0.0	5.8
0461	2.7	25.8	609.5	0461	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	2.7
0462	5.6	54.4	1,214.6	0462	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	5.6
0463	2.5	51.5	603.0	0463	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	2.5
0464	0.8	17.1	199.9	0464	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	0.8
0465	3.8	60.2	409.1	0465	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	3.8
0466	11.8	214.7	2,056.6	0466	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	5.9	5.9
0467	1.0	16.0	108.7	0467	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	1.0
0468	3.0	61.5	720.2	0468	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	3.0
0469	1.5	26.2	230.0	0469	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	1.5
0470	3.2	51.6	347.3	0470	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	3.2
0471	20.7	326.2	2,204.3	0471	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	20.7



Table 1 - Final Harvest Plan Report

Op Area: DTPS210001

Block Id	Merch Area	Plan Con Vol M3	Plan Dec Vol M3	Road Number	Road Class	Road Development	PHA Complete	Op Ground Conditions	Harvest Method	Silv System	Silv Strategy	Understory	Wildlife	Historic Concern	C Area	CD Area	DC Area	D Area
0472	2.3	36.4	247.2	0472	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	2.3
0600	11.9	207.2	1,819.5	0600	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	11.9
0602	0.8	16.4	192.0	0602	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	0.8
0603	17.8	369.4	4,305.5	0603	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	17.8
0604	3.4	71.6	837.7	0604	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	3.4
0605	69.3	1,205.3	10,584.2	0605	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	69.3
0606	10.3	213.9	2,502.7	0606	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	10.3
0607	74.6	2,029.5	15,221.5	0607	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	74.6
0608	21.2	443.7	5,074.6	0608	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	21.2
0609	124.6	2,591.8	22,967.7	0609	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	124.6
0610	11.4	262.5	2,158.9	0610	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	11.4
0611	14.9	233.2	1,583.3	0611	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	14.9
0612	64.4	936.2	8,294.6	0612	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	64.4
0613	3.2	50.4	342.4	0613	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	3.2
0615	9.7	152.4	1,034.9	0615	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	9.7
0616	1.6	27.8	243.7	0616	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	1.6
0617	23.7	546.6	4,495.8	0617	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	23.7
0618	1.1	156.7	205.3	0618	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	1.1	0.0
0619	4.8	83.1	729.9	0619	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	4.8
0620	39.2	681.5	5,984.9	0620	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	39.2
0621	4.6	234.4	1,023.6	0621	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	4.6
0622	1.7	29.5	259.5	0622	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	1.7
0623	7.0	122.5	1,075.3	0623	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	7.0
0624	0.9	43.3	111.9	0624	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.9	0.0
0625	7.4	129.4	1,136.6	0625	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	7.4
0626	8.7	137.0	929.9	0626	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	8.7
0627	17.4	401.3	3,300.7	0627	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No		No	0.0	0.0	0.0	17.4
0628	5.9	56.4	1,332.8	0628	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	5.9
0629	7.4	70.7	1,670.4	0629	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	7.4
0630	2.5	23.6	556.5	0630	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	2.5
0631	11.9	275.9	2,269.2	0631	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	11.9
0632	16.6	157.8	3,727.3	0632	V	Blade line, log and stump block road	No	Frozen	In Block Chipping	Clearcut	LFN	No	Special Access	No	0.0	0.0	0.0	16.6
	1,849.1	47,223.2	340,299.7												3.0	17.9	63.4	1,717.1