

RESULTS Training

Jasper Report

**Regeneration & Free Growing
Assessment Report**

**RSLTExtract11
RSLTMilestone02**


JASPERSOFT		Library	View
Library		<input type="text"/>	<input type="button" value="Search"/>
	🕒	Name	
		RSLTActivity01-Silviculture Five Year Complete Report	
		RSLTActivity02-Silviculture Five Year Planning Report	
		RSLTActivity03-Recipient Silviculture Accomplishment into RESULTS	
		RSLTCore01-Opening Details Report	
		RSLTCore02-Changes in the Not Satisfactorily Restocked (NSR) on Crown La	
		RSLTCore03-% Permanent Access Structures - Summary Report (for KOI R	
		RSLTCore04-% Permanent Access Structures - Opening Report	
		RSLTCore05-Achievement of Ministry Free Growing Obligations Under Fore	
		RSLTCore06-Wildlife Tree Retention	
		RSLTCore07-RESULTS FDP and FSP Stocking Standards Report	
		RSLTExtract01-CSV-Opening Report	
		RSLTExtract02-CSV-Standards Units and Milestone Report	
		RSLTExtract03-CSV-Disturbance Report	
		RSLTExtract04-CSV-Activity Report	
		RSLTExtract05-CSV-Planting Report	
		RSLTExtract06-CSV-Forest Cover Inventory Report	
		RSLTExtract07-CSV-Forest Cover Silviculture Report	
		RSLTExtract08-CSV-Forest Cover Tree Species Report	
		RSLTExtract09-CSV-RESULTS FDP and FSP Stocking Standards Report	
		RSLTExtract10-CSV-Milestone Report	
		RSLTExtract11-CSV-Regeneration/Free Growing Assessment Report	
		RSLTMilestone01-Regeneration/Free Growing Report	
		RSLTMilestone02-Regeneration/Free Growing Assessment Report	
		RSLTSU01-Stocking Standards Unit Modifications Summary Report	
		RSLTSU02-Stocking Standards Unit Modifications Detail Report	
		RSLTSU03-Amendment Status Report (and Variance Status Report)	



New Jasper Report

Regeneration and Free Growing Assessment

Objectives:

- Create new report that links milestones to forest cover reporting
 - Provide bulk assessment to help improve efficiency and isolate individual openings requiring further review
 - Associates openings to FSPs
 - Improve ability to perform bulk trending/reporting for milestones
 - Linkages to other datasets and spatial data from GeoBC
- 

New Jasper Report Regeneration and Free Growing Assessment



JASPERSOFT Library View	
Library	
Name	
RSLTActivity01-Silviculture Five Year Complete Report	
RSLTActivity02-Silviculture Five Year Planning Report	
RSLTActivity03-Recipient Silviculture Accomplishment into RESULTS	
RSLTCore01-Opening Details Report	
RSLTCore02-Changes in the Not Satisfactorily Restocked (NSR) on Crown La	
RSLTCore03-% Permanent Access Structures - Summary Report (for KOI Re	
RSLTCore04-% Permanent Access Structures - Opening Report	
RSLTCore05-Achievement of Ministry Free Growing Obligations Under Fore	
RSLTCore06-Wildlife Tree Retention	
RSLTCore07-RESULTS FDP and FSP Stocking Standards Report	
RSLTExtract01-CSV-Opening Report	
RSLTExtract02-CSV-Standards Units and Milestone Report	
RSLTExtract03-CSV-Disturbance Report	
RSLTExtract04-CSV-Activity Report	
RSLTExtract05-CSV-Planting Report	
RSLTExtract06-CSV-Forest Cover Inventory Report	
RSLTExtract07-CSV-Forest Cover Silviculture Report	
RSLTExtract08-CSV-Forest Cover Tree Species Report	
RSLTExtract09-CSV-RESULTS FDP and FSP Stocking Standards Report	
RSLTExtract10-CSV-Milestone Report	
RSLTExtract11-CSV-Regeneration/Free Growing Assessment Report	
RSLTMilestone01-Regeneration/Free Growing Report	
RSLTMilestone02-Regeneration/Free Growing Assessment Report	
RSLTSU01-Stocking Standards Unit Modifications Summary Report	
RSLTSU02-Stocking Standards Unit Modifications Detail Report	
RSLTSU03-Amendment Status Report (and Variance Status Report)	

Links Regeneration and Free Growing Milestones and Forest Cover

Forest cover polygon based.

Uses reported total well-spaced, well-spaced and free growing stem per hectare as “proxy” on regeneration or free growing survey completed.

Assignments are done automatically.

Logic **does not** address how “well” milestones are achieved.

New Jasper Report Regeneration and Free Growing Assessment

Input Controls

*** Silv Milestone Type** **Toggle for RG or FG**

RG

*** Org Unit**

RCB - Cariboo Natural Resource Region

Geo District Unit

Client Number

License Number

Management Unit

Opening Status

Opening Category **Multi**

*BLCF - Backlog SP Area - Community Forest

*BLFS - Backlog SP Area - Forest Service

*BLML - Backlog SP Area - Major Licensee

*BLWL - Backlog SP Area - Woodlot License

All None Inverse

Zone **Multi**

*AT - Alpine Tundra

BAFA - Boreal Altai Fescue Alpine

BG - Bunchgrass

BWBS - Boreal White and Black Spruce

All None Inverse

Subzone **Multi**

dc - Dry Cold

dcp - Dry Cold Parkland

dcw - Dry Cold Woodland

dh - Dry Hot

All None Inverse

Variant **Multi**

1

2

3

4

All None Inverse

Declared Ind

Disturbance Start From Date (YYYY-MM-DD)

Disturbance Start To Date (YYYY-MM-DD)

Disturbance End From Date (YYYY-MM-DD)

Disturbance End To Date (YYYY-MM-DD)

Milestone Due From Date (YYYY-MM-DD)

Milestone Due To Date (YYYY-MM-DD)

Declared From Date (YYYY-MM-DD)

Declared To Date (YYYY-MM-DD)

Received/Submitted From Date (YYYY-MM-DD)

Received/Submitted To Date (YYYY-MM-DD)

Multi Selection – Ctrl Button pressed to select items of interest

Report Layout – both Regeneration and Free Growing Themes

Free Growing Assessment Report

Org Unit	North Island - Central Coast	Opening Category	Disturbance Start From Date	to	Page: 1
Geo Org Unit		Opening Status	Disturbance End From Date	to	Date Printed: 2017-04-06 15:47:16
Client Number		Zone	Late Free Growing Due Date	to	User ID: idir_mtsoi
Licence		Subzone	Free Growing Declared Date	to	Database: DBQ01
Management Unit		Variant	Free Growing Received Date	2014-1-1 to 2017-1-1	Report ID: RSLTMilestone02
Declared Indicator: 3					
1 Months Left refers to number of months remaining from regeneration received date and current reporting date. This is useful to determine whether the SU is within the 15 month prescribed period.					
2 Declared Standards Units done prior to RESULTS will have a default Regeneration Received Date of '2003-11-01'					
3 Assess Free Growing is done at SU level if Forest Cover/SU Link is provided, if not, then by opening					
District:	North Island - Central Coast	Licence:	CANADIAN FOREST PRODUCTS LTD. (00001271)	Dist	Comm
Licence	CP	TM	Blk	Month	Left
TFL37	2	37/2	NW41	10	2003-04-01
TFL37	2	37/2	NW56A	10	2004-06-01
T0860	C	T0860C	N072	0	2007-11-01
T0860	C	T0860C	N072	0	2007-11-01
TFL37	504	37/504	TS044	0	2016-06-01
TFL37	504	37/504	TS044	0	2016-06-01
TFL37	504	37/504	TS044	0	2016-06-01

FSP and Legislation Reference is derived
FSP is derived from Standards Regime ID assignment

May be inaccurate if Ministry default
and/or Standards Regime ID belongs to
more than one FSP

Standards Unit &
Milestone

Regeneration
Or
Free Growing
Options

Forest cover
For NSR, IMM,
MAT Status,
If available

Assessment
is derived

FSP ID & Leg Ref Code

Free Growing Assessment Report

Org Unit Thompson Rivers Natural Opening Category Disturbance Start From Date 2008-1-1 to 2008-12-31
 Geo Org Unit Opening Status Disturbance End From Date to
 Client Number Zone to
 Licence A18674 Subzone to
 Management Unit Variant to
 Free Growing Received Date to

1 Months Left refers to number of months remaining from regeneration received date and current reporting date. This is useful to determine whether the SU is within the 15 month prescribed period.
 2 Declared Standards Units done prior to RESULTS will have a default Regeneration Received Date of '2003-11-01'
 3 Assess Free Growing is done at SU level if Forest Cover/SU Link is provided, if not, then by opening

District:	Thompson Rivers Natural					Licencee: WEYERHAEUSER COMPANY LIMITED (00115364)										Dist				
Licence	CP	TM	Blk	FSP ID	Leg Ref	Open Cat	Open Status	Opening	Opening ID	SU	SS ID	Min Def	BEC	NAR	Comm Date	Month Left	FG Due	FG Dec		
A18674	651	ES2651	DEA056735	FRPA	FTML	APP	921096 0.0 51	114903	1	900	Y	MS xk		116.0	2008-02		2028-02-04			
A18674	651	ES2651	DEA056398	FRPA	FTML	APP	921096 0.0 51	114903	2	609	Y	MS xk		5.7	2008-02		2023-02-04			

10.3 LEGISLATION_REF_CODE

Code	Description
NONLEG	Non-legislated – Government responsible with no legal silviculture obligations (eg. backlog and natural disturbances)
PFPC	Pre-Forest Practices Code Act of BC
FPC	Forest Practices Code Act of BC
FPCFDP	FRPA Transitional
FRPA	Forest and Range Practices Act
WL	Woodlots
CFA	Community Forest Agreement
UNKN	Unknown – insufficient information to determine legislation reference

Total legislation categories include:

- Pre-1988/88 backlog openings and natural disturbances;
- Pre-Forest Practices Code Act of BC
- Forest Practices Code Act of BC
- FRPA Transitional
- Forest and Range Practices Act

FSP ID reference is inferred via Standards Regime ID.

Problematic for licensees who uses Ministry Default Standards in their FSP.

Leg Ref is derived field based on defined rules.

Derive Leg Ref Code

Org Unit North Island - Central Coast Opening Category
 Geo Org Unit Opening Status
 Client Number Zone
 Licence Subzone
 Management Unit Variant

1 Months Left refers to number of months remaining from regeneration received date and c
 2 Declared Standards Units done prior to RESULTS will have a default Regeneration Recei
 3 Assess Free Growing is done at SU level if Forest Cover/SU Link is provided, if not, then

District:	North Island - Central Coast			Licencee:	CANADIAN FOREST INDUSTRIES LTD		
Licence	CP	TM	Blk	ESP ID	Leg Ref	Open Cat	Open Status
TFL37	2	37/2	NW41		PFPC	FTML	APP 92L045 0.0
TFL37	2	37/2	NW56A		PFPC	FTML	APP 92L045 0.0
T0860	C	T0860C	N072		FPCPR	FTML	FG 92L041 0.0 31
T0860	C	T0860C	N072		FPCPR	FTML	FG 92L041 0.0 31
TFL37	504	37/504	TS044		FPCPR	FTML	FG 92L028 0.0
TFL37	504	37/504	TS044		FPCPR	FTML	FG 92L028 0.0
TFL37	504	37/504	TS044		FPCPR	FTML	FG 92L028 0.0

10.3 LEGISLATION_REF_CODE

Code	Description
NONLEG	Non-legislated – Government responsible with no legal silviculture obligations (eg. backlog and natural disturbances)
PFPC	Pre-Forest Practices Code Act of BC
FPC	Forest Practices Code Act of BC
FPCFDP	FRPA Transition
FRPA	Forest and Range Practices Act
WL	Woodlots
CFA	Community Forest Agreement
UNKN	Unknown – insufficient information to determine legislation reference

Total legislation categories include:

- Pre-1988/88 backlog openings and natural disturbances;
- Pre-Forest Practices Code Act of BC
- Forest Practices Code Act of BC
- FRPA Transitional
- Forest and Range Practices Act

Warning!

Leg Ref coding is an approximation.

Some openings have long and complicated histories. Translating legal framework to systematic rules is not always exact due to a variety of reasons.

User verification is required.

Potential benefit is records can be sorted to reduce time and effort.

- ▶ Forest Stewardship Plans
- ▶ Wildfire Management
- ▶ Forest Health
- ▼ Silviculture
 - Silviculture Strategies
 - Silviculture Strategy Areas
 - Sustainable Forest and Timber Management
- ▶ Stocking Standards
- ▶ Tree Species Selection
 - Stand Tending
 - Silvicultural Systems
- ▼ RESULTS Application
 - Business and Policy Documentation
 - Spatial Views**
 - Technical Documentation
 - Training and Resources
- ▶ Visual Resource Management
- ▶ Tree Seed
- ▶ Integrated Resource Monitoring

RESULTS Spatial Views

The following documents reference information for RESULTS attribute and spatial views which can be downloaded through the [Catalogue](#) for users with IDIR or BCeID accounts.

- [RESULTS Standards Unit Legislative View Data Dictionary \(PDF\)](#)
Describes contents of RSLT_STNDS_UNIT_LEGISLATIVE
- [General Requirements - RESULTS Standards Unit Legislative View \(PDF\)](#)
Describes logic used to build the SU Legislative View with assumptions and limitations
- [RESULTS Business View Overview \(PDF\)](#)
Describes RESULTS Business View contents, data interpretation and data usage considerations. A brief overview of RESULTS context and historical context of spatial coverage is also provided.
- [RESULTS Spatial View Data Dictionary \(PDF\)](#)
Describes RESULTS Spatial Views created under the Business View Improvement Project. Most new views combine attribute data in one layer.
- [Data Distribution Service](#)
A service that allows users to access RESULTS spatial data.
 - [RESULTS Data Distribution Overview \(PDF\)](#)
Instructions on how to access RESULTS Business Views through the Data Distribution Service. Only RESULTS Spatial Views (SVW) with spatial information is distributed through the distribution service.
 - [RESULTS Explanation of Abbreviated Field Names \(xls\)](#)
Spreadsheet providing a full explanation of abbreviated field names. The LRDW Data Distribution provides data extra short names to accommodate for tools that are restricted to 10 character field widths.

Milestone02 PDF vs. Extract11 CSV

Milestone02 and Extract02 are the same reports.

CSV will have more data available than .pdf format.

Supplemental Information	CSV Cell Location	Details
Entry Timestamp	[BE]	Forest Cover Update Timestamp – useful to determine if Forest Cover is submitted on or after the Milestone Due Date
Comment Date	[BG]	Milestone Comment Date, if provided
Comment Text	[BH]	Milestone text, if provided
Milestone Comment Ind	[BI]	Yes/No Milestone comment indicator – useful for sorting
Milestone 108 or 97.1 Ind	[BJ]	Yes/No indicator if Milestone comments contain reference text of “108” or “97.1”, useful for sorting

Milestone02 PDF vs. Extract11 CSV

Milestone02 and Extract02 are the same reports.

CSV will have more data available than .pdf format.

Supplemental Information	CSV Cell Location	Details
FSP ID1	[BL]	Inferred FSP ID using the Standards Regime ID – not accurate if Ministry Default Standards Regime ID exists.
FSP Number	[BM]	Indicates if there is more than one FSP (caused by use of Ministry Standards ID) – shows how many FSP needs to verified to find the actual FSP.
Months Between/Left	[AS], [AT]	Calculation of Submission Date and Current Date when report is run, in months. Countdown of the “prescribed period” 15 months remaining based on the Declaration Received Date (Submitted Date).
MOF Default Standard Ind	[BN]	Indicates if the SU Standards Regime ID is a Ministry Default

Assumption – use of SU for Forest Cover Polygon



Ministry of Forests, Lands and Natural
Resource Operations

RESULTS INFORMATION SUBMISSION SPECIFICATIONS

Form and Manner of Reporting (Licensee Submissions)

4th Edition

Feb 26, 2016

5.7.2.1 Polygon component

Table 10 Forest cover "polygon component" field specifications.

Field	Required	Description and Conditions
Standards Unit ID	conditional	The SU associated with the forest cover polygon. Required if the polygon (including a reserve) is within a "Standards Unit" as defined by FPPR 1(1) and subject to "net area to be reforested" as defined by FPPR 1(2).
Licensee ID	yes	Unique identifier for the forest cover polygon assigned by the licensee. In RESULTS this field is referred to as Polygon ID. No duplicates permitted. e.g., 1, 2, 3; or X, Y, Z.
Area	yes	Gross area (ha) of the forest cover polygon. (Net area is derived by subtracting any non-mapped area.)
Reference Year	yes	Year the forest cover polygon data were collected. Typically, the year of the survey. Less than or equal to the declared date when submitting with a declaration. For roads and other NP areas, the reference year may be different from the survey date, and reflects the date the road was measured or the block area was determined.
Re-entry Year	conditional	Year the next harvest entry is expected to occur in the opening. Applies to single tree selection in which a subsequent harvest entry is planned prior to the end of the rotational planning cycle.
Stocking Status	yes	Code representing the growing space occupancy relative to a pre-established standard. Status refers to whether the site has achieved those standards, according to the latest silviculture survey. Stocking status is most often described as not satisfactorily restocked (NSR).

Older records may not have SU link reported for the forest cover polygon.

Report is valid for recent submissions adhering to current standard.

There will be forest cover polygons where SUs do not apply (retention/reserves) – will only provide assessment for those polygon with SUs.

Verification between SU area vs. FC polygon areas will be manual visual check – but at least all the data is available to scan or verify on a **bulk** basis.

Regeneration Assessment [BT]

Regeneration Assessment	Methodology
1-Missing Report or RG Survey	Standards Unit that has No reported Forest Cover OR Forest Cover Polygon that has no SU Link
2 – NSR No TWS/WS Sph	NSR Forest Cover Polygon with SU link but No Total Well-Spaced or No Well- Spaced Sph
3-NSR TWS/WS Sph	NSR Forest Cover Polygon with SU link that has reported Total Well-Spaced or Well-Spaced Sph
4-IMM/MAT No TWS/WS Sph	IMM or MAT Forest Cover Polygon with SU Link that has No Total Well-Spaced or No Well-Spaced Sph
5-IMM/MAT with TWS/WS Sph	IMM or MAT Forest Cover Polygon with SU Link that has Total Well-Spaced or Well-Spaced Sph

This report can be run for anytime combination of timeframes: disturbance start, disturbance end, regeneration due, regeneration declared, regeneration received dates.

Free Growing Assessment [BT]

Free Growing Assessment	Methodology
1-Missing FC or Missed FG Survey	Standards Unit that has No reported Forest Cover OR Forest Cover Polygon that has no SU Link
2-NSR with No FG Sph	NSR forest Cover Polygon with SU Link and has No FG Sph
3-NSR with FG Sph	NSR Forest Cover Polygon with SU Link and has a FG Sph
4-IMM/MAT No FG Sph	IMM or MAT Forest Cover Polygon with SU Link has No FG Sph
5-IMM/MAT with FG Sph	IMM or MAT Forest Cover Polygon with SU Link and has a FG Sph

This report can be run for anytime combination of timeframes: disturbance start, disturbance end, free growing due, free growing declared, free growing received dates.



Regeneration Assessment – Assigned Categories

Examples



Assess Regeneration – 1-Missing FC or RG Survey

Regeneration Assessment Report

Org Unit
Geo Org Unit
Client Number
Licence
Management Unit

Opening Category
Opening Status
Zone
Subzone
Variant

Disturbance Start From Date
Disturbance End From Date
Regeneration Due Date
Regeneration Declared Date
Regeneration Received Date

to
to
to
to
to

Declared Indicator:

Page: 5
Date Printed: 2017-05-19 09:58:16
User ID: idir_mtsoi
Database: DBP01
Report ID: RSLTMilestone02

1 Months Left refers to number of months remaining from regeneration received date and current reporting date. This is useful to determine whether the SU is within the 15 month prescribed period.

2 Declared Standards Units done prior to RESULTS will have a default Regeneration Received Date of '2003-11-01'

3 Assess Regeneration is done at SU level if Forest Cover/SU link is provided. If FC Polygon does not have a SU Link, it will show as 1-Missing FC or RG Survey

District: Sunshine Coast Natural				Licencee: CANADIAN FOREST PRODUCTS LTD. (00001271)																			
Licence	CP	TM	Blk	FSP ID	Leq Ref	Open Cat	Open STS	Opening	Opening ID	SU	SS ID	Min Def	BEC	Dist Comm NAR Date	Month Left	Regen Due	Regen Declared	Regen Received	FC/FC SU Poly Ind ID	Stock Status	FC Area	FC Update	Assess Regeneration ³
T0812	A	T0812A	1150A		PFPC	FTML	FG	92F100 0.0 700	33852	1			CWH b 1 04	15.8 1990-02	0	1996-02	1995-01	2003-11	Y A	IMM	15.8	2005-09	5-IMM/MAT with TWS/WS Sph
T0812	A	T0812A	1155		PFPC	FTML	FG	92F100 0.0 705	33853	1			CWH b 1 05	11.4 1989-03	0	1995-03	1993-01	2003-11	Y 146	IMM	12.2	2002-05	5-IMM/MAT with TWS/WS Sph
T0812	A	T0812A	1155A		PFPC	FTML	FG	92F100 0.0 709	33854	1			CWH b 1 04	4.0 1991-04	0	1997-04	1994-01	2003-11	Y 1	IMM	1.5	2005-09	5-IMM/MAT with TWS/WS Sph
T0812	A	T0812A	1155B		PFPC	FTML	FG	92F100 0.0 711	33855	1			CWH b 1 04	21.2 1989-11	0	1995-11	1992-01	2003-11	Y 74	IMM	23.2	2002-05	5-IMM/MAT with TWS/WS Sph
T0812	A	T0812A	1162		PFPC	FTML	FG	92F100 0.0 708	33856	1			CWH b 1 04	8.1 1989-11	0	1995-11	1992-01	2003-11	Y 125	IMM	8.7	2002-05	5-IMM/MAT with TWS/WS Sph
T0812	A	T0812A	1164B		PFPC	FTML	FG	92F100 0.0 703	33857	1			CWH b 1 06	28.1 1988-01	0	1994-01	1993-01	2003-11	Y	IMM	15.0	2002-05	1-Missing FC or RG Survey
T0812	A	T0812A	1167		PFPC	FTML	FG	92F100 0.0 714	33858	1			CWH vm 1	15.5 1992-03	0	1998-03	1994-01	2003-11	Y A	IMM	15.5	2005-09	5-IMM/MAT with TWS/WS Sph
T0812	A	T0812A	1167		PFPC	FTML	FG	92F100 0.0 714	33858	2			CWH b 1 06	4.3 1992-03	0	1994-03	1994-01	2003-11	Y B	IMM	4.0	2005-09	5-IMM/MAT with TWS/WS Sph
T0812	A	T0812A	1167		PFPC	FTML	FG	92F100 0.0 704	33859	1			CWH b 1 04	13.9 1989-12	0	1995-12	1995-09	2003-11	Y 129	IMM	15.0	2002-05	5-IMM/MAT with TWS/WS Sph

https://apps.nrs.gov.bc.ca/ext/results/

More

Application Home

RESULTS

Search Inbox Openings Projects Data Submission Admin Event Tracking Reports

Opening Inquiry Multi-Tenure Stocking Standards Activities Projects Forest Cover Milestones Land Status Attachments

Org Unit: DSC - Sunshine Coast Natural Resour Status: FG - Free Growing

Client: CANFOR 00 Name: CANADIAN FOREST PRODUCTS LTD.

Opening: 92F 100 0.0 703 Opening ID: 33857 Licensee Opening ID:

Licence No: T0812 CP: A Cut Block: 1164B Timber Mark: T0812A

Exhibit A Area (ha): 29.1 Disturbance Area (ha): 29.1 NAR (ha): 28.1 Forest Cover Area (ha): 29.1 Opening Gross Area (ha): 29.1

Go Clear SP Map Map View History FTA

RESULTS320 - Forest Cover Summary

Back

[Delete Forest Cover](#)
[New Forest Cover](#)
[Forest Cover History](#)

Last Action Date:

2000-04-18

Comments: [No](#)

[Forest Cover Map](#)

3 rows returned

SU	Polygon ID	Non-Mapped Area	Layer	Polygon Area		Stocking	Reference Year	Stems/ha				Total	Total Well Spaced	Well Spaced	Free Growing		
				Gross	Net			Stat	Type	Species Code							
A	A		I	28.1	28.1	IMM	ART	1999	CW	HW	BA	1889					Details
	A		S	28.1	28.1	IMM	ART	1999	CW	HW				778	778	Details	
	B		I	1	1	NP	UNN	1990								Details	

Forest Cover Polygon with No SU linkage

SU 1 has nothing to match against

SU assigned as 1-Missing FC or RG Survey

Report does not work well for older records

Assumes adherence to use of FC/SU linkage

Assess Regeneration – 2-NSR No TWS/WS Sph

Regeneration Assessment Report

Org Unit: Sunshine Coast Natural Resource Opening Category: ☐ Disturbance Start From Date: to Page: 11
 Geo Org Unit: Opening Status: ☐ Disturbance End From Date: to Date Printed: 2017-05-19 09:58:16
 Client Number: Zone: ☐ Regeneration Due Date: to User ID: idir_mtsol
 Licence: Subzone: ☐ Regeneration Declared Date: to Database: DBP01
 Management Unit: Variant: ☐ Regeneration Received Date: to Declared Indicator: Report ID: RSLTMilestone02

1 Months Left refers to number of months remaining from regeneration received date and current reporting date. This is useful to determine whether the SU is within the 15 month prescribed period.

2 Declared Standards Units done prior to RESULTS will have a default Regeneration Received Date of '2003-11-01'

3 Assess Regeneration is done at SU level if Forest Cover/SU link is provided. If FC Polygon does not have a SU Link, it will show as 1-Missing FC or RG Survey

District: Sunshine Coast Natural				Licencee: HARPER LOGGING LTD. (00001778)																					
Licence	CP	TM	Blk	FSP ID	Leg Ref	Open Cat	Open STS	Opening	Opening ID	SU	SS ID	Min Def	BEC	Dist Comm NAR Date	Month Left	Regen Due	Regen Declared	Regen Received	FC/SU Poly Ind ID	Stock Status	FC Area	FC Update	Assess Regeneration		
W0046	G	W0046G	E4	WL	FTWL	APP	92K025	0.0 810	114239	2			CWH xm 01	4.2	2004-03	0	2007-03	2007-01	2008-05	Y B	IMM	4.2	2008-04	5-IMM/MAT with TWS/WS Sph	
W0046	H	W0046H	E1A	WL	FTWL	APP	92K025	0.0 826	1050944	1	84182	Y	CWH xm 01	3.7	2004-01	0	2007-01	2007-01	2008-05	Y A	IMM	3.7	2008-08	5-IMM/MAT with TWS/WS Sph	
W0046	H	W0046H	E1A	WL	FTWL	APP	92K025	0.0 826	1050944	2	84188	Y	CWH xm 07	1.9	2004-01	0	2007-01	2007-01	2008-05	Y B	IMM	1.9	2008-08	5-IMM/MAT with TWS/WS Sph	
W0046	J	W0046J	8	WL	FTWL	APP	92K025	0.0 828	1074528	1	84182	Y	CWH xm 01	2.5	2006-03	0	2009-03	2007-04	2009-03	Y 1	IMM	2.5	2009-03	5-IMM/MAT with TWS/WS Sph	
W0046	J	W0046J	8	WL	FTWL	APP	92K025	0.0 828	1074528	2	84186	Y	CWH xm	0.8	2006-03	0	2009-03	2007-04	2009-03	Y 2	IMM	0.8	2009-03	5-IMM/MAT with TWS/WS Sph	
W0046	J	W0046J	19	WL	FTWL	APP	92K025	0.0 827	1074530	1	84182	Y	CWH xm 01	1.9	2006-05	0	2009-05	2009-05	2009-05	Y A	NSR	1.9	2008-08	2-NSR No TWS/WS Sph	
W0046	J	W0046J	19	WL	FTWL	APP	92K025	0.0 827	1074530	2	84186	Y	CWH xm 05	2.8	2006-05	0	2009-05	2009-05	2009-05	Y B	NSR	2.8	2008-08	2-NSR No TWS/WS Sph	
W0046	P	W0046P	P-3	WL	FTWL	APP	92K025	0.0 832	1074554	1	84182	Y	CWH xm 01	1.0	2005-06	0	2008-06	2006-04	2009-05	Y A	IMM	1.0	2013-03	5-IMM/MAT with TWS/WS Sph	

• Application Home

RESULTS

Search Inbox Openings Projects Data Submission Admin Event Tracking Reports

Opening Inquiry Multi-Tenure Stocking Standards Activities Projects Forest Cover Milestones Land Status Attachments

Org Unit: DSC - Sunshine Coast Natural Resour Status: APP - Approved

Client: HARPLOG 00 Name: HARPER LOGGING LTD.

Opening: 92K 025 0.0 827 Opening ID: 1074530 Licensee: Opening ID:

Licence No: W0046 CP: J Cut Block: 19 Timber Mark: W0046J

Exhibit A Area (ha): 5.6 Disturbance Area (ha): 5.6 NAR (ha): 4.7 Forest Cover Area (ha): 5.3 Opening Gross Area (ha): 5.6

Go Clear SP Map Map View History FTA

RESULTS320 - Forest Cover Summary

Back [Delete Forest Cover](#) [New Forest Cover](#) [Forest Cover History](#)

Last Action Date: 2008-08-26 Comments: No [Forest Cover Map](#) 3 rows returned

SU	Polygon ID	Non-Mapped Area	Layer	Polygon Area		Stocking		Reference Year	Stems/ha				Details
				Gross	Net	Stat	Type		Total	Total Well Spaced	Well Spaced	Free Growing	
1	A			1.9	1.9	NSR	PL	2006					Details
2	B			2.8	2.8	NSR	PL	2006					Details
	WTP		I	0.6	0.6	MAT	NAT	2006	DR	CW	FDC		Details

Forest Cover Polygon A & B has NSR Stocking Status and No TWS or WS Sph reported

Assess Regeneration – 3-NSR TWS/WS Sph

Regeneration Assessment Report

Org Unit: Quesnel Natural Resource District
 Geo Org Unit: Quesnel Natural Resource District
 Client Number: 00126447
 Licence: A65107
 Management Unit: Quesnel Natural Resource District

Opening Category: []
 Opening Status: []
 Zone: []
 Subzone: []
 Variant: []
 Disturbance Start From Date: to
 Disturbance End From Date: to
 Regeneration Due Date: 2012-1-1 to 2012-12-31
 Regeneration Declared Date: to
 Regeneration Received Date: to
 Declared Indicator:

Page: 1
 Date Printed: 2017-05-23 09:59:02
 User ID: idir_mtsoi
 Database: DBP01
 Report ID: RSLTMilestone02

1 Months Left refers to number of months remaining from regeneration received date and current reporting date. This is useful to determine whether the SU is within the 15 month prescribed period.
 2 Declared Standards Units done prior to RESULTS will have a default Regeneration Received Date of '2003-11-01'
 3 Assess Regeneration is done at SU level if Forest Cover/SU link is provided. If FC Polygon does not have a SU Link, it will show as 1-Missing FC or RG Survey

District: Quesnel Natural Resource				Licencee: BILLYBOY'S LOGGING AND CONTRACTING LTD. (00126447)				Dist Comm				Month Regen				Regen				FC/FC				Assess			
Licence	CP	TM	Blk	FSP ID	Leg Ref	Open Cat	Open STS	Opening	Opening ID	SU	SS ID	Min Def	BEC	NAR Date	Month Left	Regen Due	Regen Declared	Regen Received	Ind ID	Stock Status	FC Area	FC Update	Assess Regeneration				
A65107	9	AK9009	1		FRPA	FTML	APP	93B069 0.0 189	1463070	1	32074	Y	SBS dw 1 01	47.9 2005-08	0	2012-08	2012-08	2012-11	Y A	IMM	6.9	2012-11	5-IMM/MAT with TWS/WS Sph				
A65107	9	AK9009	1		FRPA	FTML	APP	93B069 0.0 189	1463070	1	32074	Y	SBS dw 1 01	47.9 2005-08	0	2012-08	2012-08	2012-11	Y B	IMM	41.6	2012-11	5-IMM/MAT with TWS/WS Sph				
A65107	1	AK9001	1		FRPA	FTML	APP	93G022 0.0 14	1463531	1	32051	Y	SBPS dc 01	108.0 2005-01		2012-01			Y A	NSR	97.0	2012-11	3-NSR TWS/WS Sph				
A65107	1	AK9001	1		FRPA	FTML	APP	93G022 0.0 14	1463531	1	32051	Y	SBPS dc 01	108.0 2005-01		2012-01			Y C	IMM	11.5	2012-11	5-IMM/MAT with TWS/WS Sph				
A65107	17	AK9017	1		FRPA	FTML	APP	93B069 0.0 190	1463550	1	32083	Y	SBS dw 2 01	22.0 2005-11		2012-11			Y A	IMM	21.0	2012-11	5-IMM/MAT with TWS/WS Sph				
A65107	17	AK9017	1		FRPA	FTML	APP	93B069 0.0 190	1463550	1	32083	Y	SBS dw 2 01	22.0 2005-11		2012-11			Y B	NSR	1.3	2012-11	3-NSR TWS/WS Sph				
A65107	17	AK9017	2		FRPA	FTML	APP	93B069 0.0 191	1463552	1	32083	Y	SBS dw 2 01	38.7 2005-11	0	2012-11	2012-08	2012-11	Y A	IMM	39.8	2012-11	5-IMM/MAT with TWS/WS Sph				
A65107	41	AK9041	11		FRPA	FTML	APP	93B059 0.0 193	1463810	1	32083	Y	SBS dw 2 01	9.2 2005-02		2012-02			Y A	NSR	9.3	2012-11	3-NSR TWS/WS Sph				

Search | Index | Openings | Projects | Data Submission | Admin | Event Tracking | Reports

Opening Inquiry | Multi-Tenure | Stocking Standards | Activities | Projects | Forest Cover | Milestones | Land Status | Attachments

Org Unit: [DQU - Quesnel Natural Resource Dist] Status: APP - Approved

Client: [BILLYBOY] [00] [---] Name: BILLYBOY'S LOGGING AND CONTRACTING LTD.

Opening: [93G] [022] [0.0] [14] Opening ID: [1463531] [---] Licensee: [CP1-1]

Licence No: [A65107] CP: [1] Cut Block: [1] Timber Mark: [AK9001]

Exhibit A Area (ha): 118.1412 Disturbance Area (ha): 130.1 NAR (ha): 115.0 Forest Cover Area (ha): 130.6 Opening Gross Area (ha): 130.1

[Go] [Clear] [SP Map] [Map View] [History] [FTA]

RESULTS320 - Forest Cover Summary

[Back] [Delete Forest Cover](#) [New Forest Cover](#) [Forest Cover History](#)

Last Action Date: 2012-11-02 Comments: [No](#) [Forest Cover Map](#) 8 rows returned

SU	Polygon ID	Non-Mapped Area	Layer	Polygon Area		Stocking		Reference Year	Species Code			Stems/ha				Details
				Gross	Net	Stat	Type					Total	Total Well Spaced	Well Spaced	Free Growing	
1	A		I	97	97	NSR	PL	2012	AT	PLI		4088				Details
1	A		S	97	97	NSR	PL	2012	PLI	SX			358	358	0	Details
2	B		I	7	7	NSR	PL	2012	AT	AC	SX	3800				Details
2	B		S	7	7	NSR	PL	2012	PLI	SX			333	333	0	Details
1	C		I	11.5	11.5	IMM	NAT	2012	PLI	AT		3527				Details
1	C		S	11.5	11.5	IMM	NAT	2012	PLI	SX			964	964	0	Details
	Rd			2.7	2.7	NP	RD	2012								Details
	WTP			12.4	12.4	MAT	NAT	2012								Details

Forest Cover Polygon A has NSR Stocking Status and has TWS or WS Sph reported

Assess Regeneration – 4-IMM/MAT No TWS/WS Sph

Regeneration Assessment Report

Org Unit: Quesnel Natural Resource District
Geo Org Unit: 00142662
Client Number: TFL52
Licence: Management Unit
Opening Category: ☐
Opening Status: ☐
Zone: ☐
Subzone: ☐
Variant: ☐
Disturbance Start From Date: to
Disturbance End From Date: to
Regeneration Due Date: 2016-10-1 to 2016-12-31
Regeneration Declared Date: to
Regeneration Received Date: 2015-1-1 to 2015-2-1
Declared Indicator:
Page: 1
Date Printed: 2017-05-23 10:13:17
User ID: idir_mtsoi
Database: DBP01
Report ID: RSLTMilestone02

1 Months Left refers to number of months remaining from regeneration received date and current reporting date. This is useful to determine whether the SU is within the 15 month prescribed period.
 2 Declared Standards Units done prior to RESULTS will have a default Regeneration Received Date of '2003-11-01'
 3 Assess Regeneration is done at SU level if Forest Cover/SU link is provided. If FC Polygon does not have a SU Link, it will show as 1-Missing FC or RG Survey

District:	Quesnel Natural Resource			Licencee: WEST FRASER MILLS LTD. (00142662)										Dist					FC/FC								
Licence	CP	TM	Blk	FSP ID	Leg Ref	Open Cat	Open STS	Opening	Opening ID	SU	SS ID	Min Def	BEC	NAR Date	Comm Left	Month Due	Regen Declared	Regen Received	SU Poly Ind ID	Stock Status	FC Area	FC Update	Assess Regeneration				
TFL52	691	52/691	1	491	FRPA	FTML	APP	93H023 0.0 72	1516770	1	1041556	N	ESSF wk 1	34.0 2012-10		0 2016-10	2014-06	2015-01	Y A1	IMM	34.0	2015-01	5-IMM/MAT with TWS/WS Sph				
TFL52	57U	52/57U	1	59	FRPA	FTML	APP	93H003 0.0 31	1516776	1	1022327	N	SBS wk 1 01	4.3 2012-10		0 2016-10	2014-07	2015-01	Y A1	IMM	4.3	2015-01	5-IMM/MAT with TWS/WS Sph				
TFL52	587	52/587	14	491	FRPA	FTML	APP	93H002 0.0 81	1545291	1	1041556	N	ESSF wk 1	30.2 2012-11		0 2016-11	2014-07	2015-01	Y A1	IMM	30.2	2015-01	5-IMM/MAT with TWS/WS Sph				
TFL52	587	52/587	12	491	FRPA	FTML	APP	93H002 0.0 79	1545293	1	1041556	N	ESSF wk 1	1.2 2012-11		0 2016-11	2014-07	2015-01	Y A1	IMM	1.2	2015-01	5-IMM/MAT with TWS/WS Sph				
TFL52	587	52/587	1	491	FRPA	FTML	APP	93H002 0.0 70	1545294	1	1041622	N	SBS wk 1 01	1.2 2012-11		0 2016-11	2014-07	2015-01	Y A1	IMM	1.2	2015-01	5-IMM/MAT with TWS/WS Sph				
TFL52	587	52/587	5	491	FRPA	FTML	APP	93H002 0.0 72	1545295	1	1041556	N	ESSF wk 1	2.1 2012-11		0 2016-11	2014-07	2015-01	Y A1	IMM	2.1	2015-01	5-IMM/MAT with TWS/WS Sph				
TFL52	587	52/587	7	491	FRPA	FTML	APP	93H002 0.0 74	1545296	1	1041565	N	ESSF wk 1	56.9 2012-11		0 2016-11	2014-07	2015-01	Y A1	IMM	17.0	2015-01	5-IMM/MAT with TWS/WS Sph				
TFL52	587	52/587	7	491	FRPA	FTML	APP	93H002 0.0 74	1545296	1	1041565	N	ESSF wk 1	56.9 2012-11		0 2016-11	2014-07	2015-01	Y B1	IMM	39.9	2015-01	5-IMM/MAT with TWS/WS Sph				
TFL52	587	52/587	2	491	FRPA	FTML	APP	93H012 0.0 57	1545297	1	1041622	N	SBS wk 1 01	2.2 2012-11		0 2016-11	2014-07	2015-01	Y A1	IMM	2.2	2015-01	5-IMM/MAT with TWS/WS Sph				
TFL52	587	52/587	8	491	FRPA	FTML	APP	93H002 0.0 75	1545300	1	1041565	N	ESSF wk 1	2.0 2012-11		0 2016-11	2014-07	2015-01	Y A1	IMM	2.0	2015-01	5-IMM/MAT with TWS/WS Sph				
TFL52	587	52/587	9	491	FRPA	FTML	APP	93H002 0.0 76	1545301	1	1041556	N	ESSF wk 1	2.1 2012-11		0 2016-11	2014-07	2015-01	Y A1	IMM	2.1	2015-01	5-IMM/MAT with TWS/WS Sph				
TFL52	587	52/587	10	491	FRPA	FTML	APP	93H002 0.0 77	1545302	1	1041556	N	ESSF wk 1	2.0 2012-11		0 2016-11	2014-07	2015-01	Y A1	IMM	2.0	2015-01	5-IMM/MAT with TWS/WS Sph				
TFL52	587	52/587	13	491	FRPA	FTML	APP	93H002 0.0 80	1545303	1	1041556	N	ESSF wk 1	2.1 2012-11		0 2016-11	2014-07	2015-01	Y A1	IMM	2.1	2015-01	4-IMM/MAT No TWS/WS Sph				

[Application Home](#)
RESULTS
[Search](#) [Inbox](#) [Openings](#) [Projects](#) [Data Submission](#) [Admin](#) [Event Tracking](#) [Reports](#)
[Opening Inquiry](#) [Multi-Tenure](#) [Stocking Standards](#) [Activities](#) [Projects](#) [Forest Cover](#) [Milestones](#) [Land Status](#) [Attachments](#)

Org Unit: DQU - Quesnel Natural Resource Dist **Status:** APP - Approved
Client: WFM 03 **Name:** WEST FRASER MILLS LTD.
Opening: 93H 002 0.0 80 **Opening ID:** 1545303 **Licencee Opening ID:** 11689306
Licence No: TFL52 **CP:** 587 **Cut Block:** 13 **Timber Mark:** 52/587
Exhibit A Area (ha): 3.3155 **Disturbance Area (ha):** 2.2 **NAR (ha):** 2.1 **Forest Cover Area (ha):** 3.4 **Opening Gross Area (ha):** 3.3

RESULTS320 - Forest Cover Summary

[Back](#) [Delete Forest Cover](#) [New Forest Cover](#) [Forest Cover History](#)

Last Action Date: 2015-01-16 **Comments:** [No](#) [Forest Cover Map](#) **4 rows returned**

SU	Polygon ID	Non-Mapped Area	Layer	Polygon Area			Stocking	Reference Year	Species Code	Stems/ha				Details
				Gross	Net	Stat				Total	Well Spaced	Well Spaced	Free Growing	
	A			1.1	1.1	MAT	NAT	1997						Details
1	A1		I	2.1	2.1	IMM	ART	2014	SX BL	1633				Details
1	A1		S	2.1	2.1	IMM	ART	2014	SX					Details
	M			0.2	0.2	NP	UNN	2010						Details

Forest Cover Polygon A1 has IMM Stocking Status and No TWS or WS Sph reported

Assess Regeneration – 5-IMM/MAT with TWS/WS Sph

Regeneration Assessment Report

Org Unit: Quesnel Natural Resource District
Geo Org Unit:
Client Number: 00142662
Licence: TFL52
Management Unit:

Opening Category: ☐
Opening Status:
Zone: ☐
Subzone: ☐
Variant: ☐

Disturbance Start From Date: to
Disturbance End From Date: to
Regeneration Due Date: 2016-10-1 to 2016-12-31
Regeneration Declared Date: to
Regeneration Received Date: 2015-1-1 to 2015-2-1
Declared Indicator:

Page: 1
Date Printed: 2017-05-23 10:13:17
User ID: idir_mtsoi
Database: DBP01
Report ID: RSLTMilestone02

- 1 Months Left refers to number of months remaining from regeneration received date and current reporting date. This is useful to determine whether the SU is within the 15 month prescribed period.
2 Declared Standards Units done prior to RESULTS will have a default Regeneration Received Date of '2003-11-01'
3 Assess Regeneration is done at SU level if Forest Cover/SU link is provided. If FC Polygon does not have a SU Link, it will show as 1-Missing FC or RG Survey

District: Quesnel Natural Resource				Licence: WEST FRASER MILLS LTD. (00142662)										Dist Comm Month Regen Regen Regen FC/FC										Stock	FC	FC	Assess
Licence	CP	TM	Blk	FSP ID	Leg Ref	Open Cat	Open STS	Opening	Opening ID	SU	SS ID	Min Def	BEC	NAR Date	Comm Left	Month Due	Regen Declared	Regen Received	Ind ID	SU Poly	Stock Status	FC Area	FC Update	Assess Regeneration			
TFL52	691	52/691	1	491	FRPA	FTML	APP	93H023 0.0 72	1516770	1	1041556	N	ESSF wk 1	34.0 2012-10	0	2016-10	2014-06	2015-01	Y A1		IMM	34.0	2015-01	5-IMM/MAT with TWS/WS Sph			
TFL52	57U	52/57U	1	59	FRPA	FTML	APP	93H003 0.0 31	1516776	1	1022327	N	SBS wk 1 01	4.3 2012-10	0	2016-10	2014-07	2015-01	Y A1		IMM	4.3	2015-01	5-IMM/MAT with TWS/WS Sph			
TFL52	587	52/587	14	491	FRPA	FTML	APP	93H002 0.0 81	1545291	1	1041556	N	ESSF wk 1	30.2 2012-11	0	2016-11	2014-07	2015-01	Y A1		IMM	30.2	2015-01	5-IMM/MAT with TWS/WS Sph			
TFL52	587	52/587	12	491	FRPA	FTML	APP	93H002 0.0 79	1545293	1	1041556	N	ESSF wk 1	1.2 2012-11	0	2016-11	2014-07	2015-01	Y A1		IMM	1.2	2015-01	5-IMM/MAT with TWS/WS Sph			
TFL52	587	52/587	1	491	FRPA	FTML	APP	93H002 0.0 70	1545294	1	1041622	N	SBS wk 1 01	1.2 2012-11	0	2016-11	2014-07	2015-01	Y A1		IMM	1.2	2015-01	5-IMM/MAT with TWS/WS Sph			
TFL52	587	52/587	5	491	FRPA	FTML	APP	93H002 0.0 72	1545295	1	1041556	N	ESSF wk 1	2.1 2012-11	0	2016-11	2014-07	2015-01	Y A1		IMM	2.1	2015-01	5-IMM/MAT with TWS/WS Sph			

RESULTS

Search	Inbox	Openings	Projects	Data Submission	Admin	Event Tracking	Reports
--------	-------	----------	----------	-----------------	-------	----------------	---------

Opening Inquiry	Multi-Tenure	Stocking Standards	Activities	Projects	Forest Cover	Milestones	Land Status	Attachments
-----------------	--------------	--------------------	------------	----------	--------------	------------	-------------	-------------

Org Unit: Status: APP - Approved

Client: Name: WEST FRASER MILLS LTD.

Opening: Opening ID: Licensee: Opening ID:

Licence No: CP: Cut Block: Timber Mark:

Exhibit A Area (ha): 37.5157 Disturbance Area (ha): 35.4 NAR (ha): 34.0 Forest Cover Area (ha): 37.5 Opening Gross Area (ha): 37.5

RESULTS320 - Forest Cover Summary

[Delete Forest Cover](#) [New Forest Cover](#) [Forest Cover History](#)

Last Action Date: 2015-01-20 Comments: [No](#) [Forest Cover Map](#) 4 rows returned

SU	Polygon ID	Non-Mapped Area	Layer	Polygon Area		Stocking		Reference Year	Species Code		Stems/ha				
				Gross	Net	Stat	Type				Total	Total Well Spaced	Well Spaced	Free Growing	
	A			2.1	2.1	MAT	NAT	2012							Details
1	A1		I	34	34	IMM	ART	2014	SX	BL	1765				Details
1	A1		S	34	34	IMM	ART	2014	SX	BL		1576	1576		Details
	M			1.4	1.4	NP	UNN	2010							Details

Forest Cover Polygon A1 has IMM Stocking Status and TWS or WS Sph reported



Free Growing Assessment – Assigned Categories

Examples



Assess Free Growing – 1-Missing FC or FG Survey - review

Free Growing Assessment Report

Org Unit: Quesnel Natural Resource District
Geo Org Unit: Quesnel Natural Resource District
Client Number: A47120
Licence: A47120
Management Unit: A47120

Opening Category: ☐
Opening Status: ☐
Zone: ☐
Subzone: ☐
Variant: ☐

Disturbance Start From Date:
Disturbance End From Date:
Late Free Growing Due Date: 2010-1-1 to 2010-12-31
Free Growing Declared Date:
Free Growing Received Date: 2014-1-1 to 2014-12-31
Declared Indicator:

Page: 1
Date Printed: 2017-05-23 13:19:37
User ID: idir_mtsoi
Database: DBP01
Report ID: RSLTMilestone02

1 Months Left refers to number of months remaining from regeneration received date and current reporting date. This is useful to determine whether the SU is within the 15 month prescribed period.

2 Declared Standards Units done prior to RESULTS will have a default Regeneration Received Date of '2003-11-01'

3 Assess Free Growing is done at SU level if Forest Cover/SU link is provided. If FC Polygon does not have a SU Link, it will show as 1-Missing FC or FG Survey

District: Quesnel Natural Resource
Licence: CP TM Blk ESP ID Leg Ref Open Cat STS Opening Opening ID SU SS ID Min Def BEC NAR Date Month Comm Left 1 FG Due FG Declared FG Received Ind ID Stock Status Area FC Update Assess Free Growing 3
A47120 70U FK970U 2 PFPC FTML FG 93G003 0.0 37 31289 2 SBPS mk 06 0.0 1995-01 0 2010-01 2009-03 2014-02 Y 1-Missing FC or FG Survey

Opening Inquiry Multi-Tenure Stocking Standards Activities Projects Forest Cover Milestones Land Status Attachments

Org Unit: DQU - Quesnel Natural Resource Dist Status: FG - Free Growing
Client: CANFOR 44 Name: CANADIAN FOREST PRODUCTS LTD.
Opening: 93G 003 0.0 37 Opening ID: 31289 Licensee: Opening ID:
Licence No: A47120 CP: 70U Cut Block: 2 Timber Mark: FKS
Exhibit A Area (ha): 59.5 Disturbance Area (ha): 59.5 NAR (ha): 58.2 Forest Cover Area (ha): 59.9 Opening Gross Area (ha):
Go Clear SP Map Map View History FTA

RESULTS320 - Forest Cover Summary

Back

Delete Forest Cover New Forest Cover Forest Cov

Last Action Date: 2009-03-26 Comments: No Forest Cover Map 4 rows returned

SU	Polygon ID	Non-Mapped Area	Layer	Polygon Area			Stocking	Reference Year	Species Code	Stems/ha			
				Gross	Net	Stat				Total	Total Well Spaced	Well Spaced	Free Growing
1	A		I	59.5	58.2	IMM	ART	2008	PLI	8738			
1	A		S	59.5	58.2	IMM	ART	2008	PLI	1507	1200	1200	
	A	X		1.3		NP	UNN						
	V			0.4	0.4	NP	NAT	1995					

RESULTS

Search Inbox Openings Projects Data Submission

Opening Inquiry Multi-Tenure Stocking Standards Activities Projects Forest Cov

Org Unit: DQU - Quesnel Natural Resource Dist Status: FG - Free
Client: CANFOR 44 Name: CANADIAN FOREST
Opening: 93G 003 0.0 37 Opening ID: 31289
Licence No: A47120 CP: 70U
Exhibit A Area (ha): 59.5 Disturbance Area (ha): 59.5 NAR (ha): 58.2 Forest
Go Clear SP Map Map View History FTA

RESULTS325 - Milestones

Back

Compliance Date Indicator: HARVEST

SU	SU Area	Declaration Type	Due Early	Due Late	Declared	Date (YYYY-MM-DD)	User ID	Cmt	Submission Date	Save	Cancel
1	58.2	Post Harvest						No		Update	Undeclare
1	58.2	Regeneration		2002-01		1997-06-25	RCASAVAN	No	2003-11-15	Update	Undeclare
1	58.2	Free Growing		2007-01		2008-09-12	BCEID/BINWOOD	No	2009-03-26	Update	Undeclare
2	0	Post Harvest						No		Update	Undeclare
2	0	Regeneration		1999-01		1997-06-25	RCASAVAN	No	2003-11-15	Update	Undeclare
2	0	Free Growing		2004-01		2009-03-26	IDIRLPOISSON	Yes	2014-02-27	Update	Undeclare

Results Based Code Silviculture and Land Status Tracking Syst...

View Comments

2014-02-27

SU2 was combined into SU1 because they had the same stocking standards, as per SP amendment approved by Mike Pelchat on 2009-03-26. I am declaring this 0ha SU as FG effective on the same date that the submission was made for SU1, for data cleanup reasons. Lee-ann Puhallo, RPF.

Close

Comment entered by: IDIRLPOISSON

SU 2 has Milestone Due but no FC Polygon Exists in Forest Cover.
SU 2 Milestone Declaration provides details (CSV provides this information)

Assess Free Growing – 2-NSR No FG Sph

Free Growing Assessment Report

Org Unit: Quesnel Natural Resource District
Geo Org Unit: Quesnel Natural Resource District
Client Number: A20010
Licence: A20010
Management Unit: A20010

Opening Category: ☐
Opening Status: ☐
Zone: ☐
Subzone: ☐
Variant: ☐

Disturbance Start From Date: to
Disturbance End From Date: to
Late Free Growing Due Date: to
Free Growing Declared Date: 2016-1-1 to 2016-12-31
Free Growing Received Date: to

Declared Indicator:

Page: 1
Date Printed: 2017-05-23 13:24:54
User ID: idir_mtsol
Database: DBP01
Report ID: RSLTMilestone02

1 Months Left refers to number of months remaining from regeneration received date and current reporting date. This is useful to determine whether the SU is within the 15 month prescribed period.
2 Declared Standards Units done prior to RESULTS will have a default Regeneration Received Date of '2003-11-01'
3 Assess Free Growing is done at SU level if Forest Cover/SU link is provided. If FC Polygon does not have a SU Link, it will show as 1-Missing FC or FG Survey

District: Quesnel Natural Resource
Licence: TOLKO INDUSTRIES LTD. (00147603)

Licence	CP	TM	Blk	FSP ID	Leg Ref	Open Cat	Open STS	Opening	Opening ID	SU	SS ID	Min Def	BEC	Dist Comm NAR Date	Month Left	FG Due	FG Declared	FG Received	FC/SU Poly Ind ID	Stock Status	FC Area	FC Update	Assess Free Growing			
A20010	650	EE6650	1	FRPA	FTML	FG	93G012	0.0	16	72929	1	32051	Y	SBPS dc 01	20.7	2004-07	9	2019-07	2016-11	2016-11	Y	1A	NSR	21.4	2015-12	2-NSR No FG Sph

Org Unit: DQU - Quesnel Natural Resource Dist
Client: TOLKO 03
Opening: 93G 012 0.0 16
Licence No: A20010
Exhibit A Area (ha): 23.3
Disturbance Area (ha): 44.0
NAR (ha): 20.7
Forest Cover Area (ha): 23.3
Opening Gross Area (ha): 23.5

Status: FG - Free Growing
Name: TOLKO INDUSTRIES LTD.
Opening ID: 72929
Licensee Opening ID: A20010_650_1
CP: 650
Cut Block: 1
Timber Mark: EE6650

Go Clear SP Map Map View History FTA

RESULTS320 - Forest Cover Summary

Back

[Delete Forest Cover](#) [New Forest Cover](#) [Forest Cover History](#)

Last Action Date: 2015-12-29 Comments: No Forest Cover Map 4 rows returned

SU	Polygon ID	Non-Mapped Area	Layer	Polygon Area		Stocking		Reference Year	Species Code			Stems/ha				
				Gross	Net	Stat	Type					Total	Total Well Spaced	Well Spaced	Free Growing	
1	1A		I	21.4	20.7	NSR	PL	2011	PLI	AT	800					Details
1	1A		S	21.4	20.7	NSR	PL	2011	PLI			200	200			Details
	1A	RD		0.7		NP	UNN									Details
	WTP			1.9	1.9	MAT	NAT	2004								Details

Back

Compliance Date Indicator: HARVEST

SU	SU Area	Declaration Type	Due Early	Due Late	Declared			Submission Date	Update	Undeclare
					Date (YYYY-MM-DD)	User ID	Cmt			
1	20.7	Post Harvest			2004-11-17	BCEIDVFINNISS	No	2007-06-05	Update	Undeclare
1	20.7	Regeneration		2011-07	2005-04-14	IDIRWLESTER	Yes	2007-06-05	Update	Undeclare
1	20.7	Free Growing	2016-07	2019-07	2016-11-29	IDIRLPUHALLO	Yes	2016-11-29	Update	Undeclare

FC Polygon 1A/SU 1 contains NSR Stocking Status and does not have FG Sph.

FG Milestone contain comments indicating s.108 Relief of Obligation.

RSLTExtract11 CSV Report contains s.108/97.1 Indicator & Milestone Comments

View Comments

2016-11-29

FRPA section 108 relief of obligation granted 2012-07-04

Close

Assess Free Growing – 3-NSR With FG Sph

Free Growing Assessment Report

Org Unit: Quesnel Natural Resource District
Geo Org Unit: Opening Category: ☐
Client Number: Opening Status:
Licence: A20010 Zone: ☐
Management Unit: Subzone: ☐
Variant: ☐

Disturbance Start From Date: to
Disturbance End From Date: to
Late Free Growing Due Date: to
Free Growing Declared Date: 2017-1-1 to 2017-5-23
Free Growing Received Date: to
Declared Indicator:

Page: 1
Date Printed: 2017-05-23 13:43:53
User ID: idir_mtsol
Database: DBP01
Report ID: RSLTMilestone02

1 Months Left refers to number of months remaining from regeneration received date and current reporting date. This is useful to determine whether the SU is within the 15 month prescribed period.

2 Declared Standards Units done prior to RESULTS will have a default Regeneration Received Date of '2003-11-01'

3 Assess Free Growing is done at SU level if Forest Cover/SU link is provided. If FC Polygon does not have a SU Link, it will show as 1-Missing FC or FG Survey

District: Quesnel Natural Resource Licencee: TOLKO INDUSTRIES LTD. (00147603)

Licence	CP	TM	Blk	FSP ID	Leg Ref	Open Cat	Open STS	Opening	Opening ID	SU	SS ID	Min Def	BEC	NAR Date	Month Left	FG Due	FG Declared	FG Received	FC/FC SU Poly Ind ID	Stock Status	FC Area	FC Update	Assess Free Growing
A20010	650	EE6650	2		FPCPRES	FTML	FG	93G012 0.0 17	72926	2			SBPS dc 01	22.3 2004-07	14	2019-07	2017-02	2017-05	Y 1B	NSR	22.3	2015-12	3-NSR With FG Sph

Opening: 93G 012 0.0 17 Opening Id: 72926 Licensee: A20010_650_2
Licence No: A20010 CP: 650 Cut Block: 2 Timber Mark: EE6
Exhibit A Area (ha): 43.6 Disturbance Area (ha): 60.0 NAR (ha): 38.6 Forest Cover Area (ha): 43.6 Opening Gross Area (ha):
[Go](#) [Clear](#) [SP Map](#) [Map View](#) [History](#) [FTA](#)

RESULTS320 - Forest Cover Summary

[Back](#) [Delete Forest Cover](#) [New Forest Cover](#) [Forest Cov](#)

Last Action Date: 2015-12-29 Comments: [No](#) [Forest Cover Map](#) 6 rows returned

SU	Polygon ID	Non-Mapped Area	Layer	Polygon Area		Stocking		Reference Year	Species Code			Stems/ha			
				Gross	Net	Stat	Type					Total	Total Well Spaced	Well Spaced	Free Growing
1	1A		I	17.7	16.3	IMM	ART	2011	PLI	AT		5160			
1	1A		S	17.7	16.3	IMM	ART	2011	PLI			1200	1200		920
	1A	RD		1.4		NP	UNN								
2	1B		I	22.3	22.3	NSR	PL	2011	PLI	AT	ACT	2533			
2	1B		S	22.3	22.3	NSR	PL	2011	PLI	SX		467	467		167
	WTP			3.6	3.6	MAT	NAT	2004							

SU	SU Area	Declaration Type	Due Early	Due Late	Declared		Cmt	Submission Date
					Date (YYYY-MM-DD)	User ID		
1	16.3	Post Harvest			2004-11-17	BCEID\VFNNISS	No	2007-07-05
1	16.3	Regeneration		2011-07	2006-08-28	BCEID\VFNNISS	Yes	2007-07-05
1	16.3	Free Growing	2011-07	2019-07	2011-08-28	BCEID\JSWANSON2	Yes	2017-01-13
2	22.3	Post Harvest					No	
2	22.3	Regeneration		2011-07	2013-05-20	IDIR\TIBARKER	Yes	2013-11-05
2	22.3	Free Growing	2016-07	2019-07	2017-02-06	BCEID\JRBRINK	Yes	2017-05-03

FC Polygon 1B/SU 2 is NSR and contains FG Sph.

FG Milestone contain comments indicating s.108 Relief of Obligation.

RSLTExtract11 CSV Report contains s.108/97.1 Indicator & Milestone Comments

View Comments

2017-05-03

FRPA Section 108 relief of obligation granted by Brad Powell on 2012-07-04. SU2 is now being reforested within an FFT-funded opening

Assess Free Growing – 4-IMM/MAT No FG Sph

Free Growing Assessment Report

Org Unit: Quesnel Natural Resource District
Geo Org Unit:
Client Number:
Licence: A20013
Management Unit:
Opening Category: ☐
Opening Status:
Zone: ☐
Subzone: ☐
Variant: ☐
Disturbance Start From Date: to
Disturbance End From Date: to
Late Free Growing Due Date: to
Free Growing Declared Date: 2016-1-1 to 2016-12-31
Free Growing Received Date: to
Declared Indicator:
Page: 1
Date Printed: 2017-05-23 13:55:04
User ID: idir_mtsoi
Database: DBP01
Report ID: RSLTMilestone02

1 Months Left refers to number of months remaining from regeneration received date and current reporting date. This is useful to determine whether the SU is within the 15 month prescribed period.

2 Declared Standards Units done prior to RESULTS will have a default Regeneration Received Date of '2003-11-01'

3 Assess Free Growing is done at SU level if Forest Cover/SU link is provided. If FC Polygon does not have a SU Link, it will show as 1-Missing FC or FG Survey

District: Quesnel Natural Resource				Licence: WEST FRASER MILLS LTD. (00142662)																																					
Licence	CP	TM	Blk	FSP ID	Leg Ref	Open Cat	Open STS	Opening	Opening ID	SU	SS ID	Min Def	BEC	NAR Date	Dist Comm	Month Left	FG Due	FG Declared	FG Received	FC/FC SU Poly Ind ID	Stock Status	FC Area	FC Update	Assess Free Growing	3																
A20013	449	EE9449	6		FPCPRES	FTML	APP	93H001 0.0 62	55362	1		ESSF wk 1		37.3 2000-10		11	2020-10	2016-09	2017-01	Y 11	IMM	37.4	2017-01	5-IMM/MAT FG Sph																	
A20013	778	EE9778	2		NONLEG	NREQ	FG	93A095 0.0 67	76912	1		ESSF wk 1		2.7 1998-11		10	2018-10	2016-12	2016-12	Y				1-Missing FC or FG Survey																	
A20013	778	EE9778	5		NONLEG	NREQ	FG	93A095 0.0 70	76915	1		ESSF wc 3		0.9 1999-08		10	2018-10	2016-12	2016-12	Y				1-Missing FC or FG Survey																	
A20013	479	EE9479	5		FPCPRES	FTML	FG	93H002 0.0 50	100080	1		ESSF wk 1		15.6 2004-03		9	2024-03	2016-08	2016-11	Y 11	IMM	15.6	2016-11	4-IMM/MAT No FG Sph																	
A20013	479	EE9479	5		FPCPRES	FTML	FG	93H002 0.0 50	100080	2		ESSF wk 1		5.5 2004-03		9	2024-03	2016-08	2016-11	Y 22	IMM	5.5	2016-11	4-IMM/MAT No FG Sph																	
A20013	453	EE9453	2		FPCPRES	FTML	FG	93H001 0.0 79	106135	1		ESSF wk 1		14.1 2005-06		11	2025-06	2016-09	2017-01	Y 11	IMM	14.2	2017-01	5-IMM/MAT FG Sph																	
A20013	453	EE9453	2		FPCPRES	FTML	FG	93H001 0.0 79	106135	2		ESSF wk 1		0.7 2005-06		11	2025-06	2016-09	2017-01	Y 22	IMM	0.6	2017-01	5-IMM/MAT FG Sph																	

Opening: 93H 002 0.0 50 Opening Id: 100080 Licensee: 71377 Opening Id: 71377

Licence No: A20013 CP: 479 Cut Block: 5 Timber Mark: EE9

Exhibit A Area (ha): 23.5 Disturbance Area (ha): 23.5 NAR (ha): 21.1 Forest Cover Area (ha): 23.5 Opening Gross Area (ha):

[Go](#) [Clear](#) [SP Map](#) [Map View](#) [History](#) [FTA](#)

RESULTS320 - Forest Cover Summary

[Back](#) [Delete Forest Cover](#) [New Forest Cover](#) [Forest Cover](#)

Last Action Date: 2016-11-28 Comments: [No](#) [Forest Cover Map](#) 7 rows returned

SU	Polygon ID	Non-Mapped Area	Layer	Polygon Area		Stocking		Reference Year	Species Code			Stems/ha			
				Gross	Net	Stat	Type					Total	Total Well Spaced	Well Spaced	Free Growing
1	11		I	15.6	15.6	IMM	ART	2016	SX	BL		1467			
1	11		S	15.6	15.6	IMM	ART	2016	SX	BL			900	900	
2	22		I	5.5	5.5	IMM	ART	2016	PLI	SX	BL	1800			
2	22		S	5.5	5.5	IMM	ART	2016	PLI	BL	SX		1040	1000	
	BRU			0.5	0.5	NP	NAT	2005							
	R1			0.6	0.6	NP	UNN	2005							
	RM			1.3	1.3	NP	UNN	2005							

FC Polygon 11/SU 1 and 22/SU 2 are IMM but No FG Sph

Assess Free Growing – 5-IMM/MAT FG Sph

Free Growing Assessment Report

Org Unit: Quesnel Natural Resource District
 Geo Org Unit:
 Client Number:
 Licence: A20013
 Management Unit:

Opening Category: ☐
 Opening Status:
 Zone: ☐
 Subzone: ☐
 Variant: ☐

Disturbance Start From Date: to
 Disturbance End From Date: to
 Late Free Growing Due Date: to
 Free Growing Declared Date: 2016-1-1 to 2016-12-31
 Free Growing Received Date: to

Declared Indicator:

Page: 1
 Date Printed: 2017-05-23 13:55:04
 User ID: idir_mtsol
 Database: DBP01
 Report ID: RSLTMilestone02

1 Months Left refers to number of months remaining from regeneration received date and current reporting date. This is useful to determine whether the SU is within the 15 month prescribed period.
 2 Declared Standards Units done prior to RESULTS will have a default Regeneration Received Date of '2003-11-01'
 3 Assess Free Growing is done at SU level if Forest Cover/SU link is provided. If FC Polygon does not have a SU Link, it will show as 1-Missing FC or FG Survey

District: Quesnel Natural Resource				Licence: WEST FRASER MILLS LTD. (00142662)																							
Licence	CP	IM	Blk	FSP ID	Leg Ref	Open Cat	Open STS	Opening	Opening ID	SU	SS ID	Min Def	BEC	NAR Date	Dist Comm Left	Month 1	FG Due	FG Declared	FG Received	FC/FC SU Poly Ind ID	Stock Status	FC Area	FC Update	Assess Free Growing			
A20013	449	EE9449	6		FPCPRES	FTML	APP	93H001 0.0 62	55362	1			ESSF wk 1	37.3 2000-10	11	2020-10	2016-09	2017-01	Y 11	IMM	37.4	2017-01		5-IMM/MAT FG Sph			
A20013	778	EE9778	2		NONLEG	NREQ	FG	93A095 0.0 67	76912	1			ESSF wk 1	2.7 1998-11	10	2018-10	2016-12	2016-12	Y					1-Missing FC or FG Survey			
A20013	778	EE9778	5		NONLEG	NREQ	FG	93A095 0.0 70	76915	1			ESSF wc 3	0.9 1999-08	10	2018-10	2016-12	2016-12	Y					1-Missing FC or FG Survey			

Org Unit: Status: APP - Approved

Client: Name: WEST FRASER MILLS LTD.

Opening: Opening ID: Licensee:

Licence No: CP: Cut Block: Timber Mark:

Exhibit A Area (ha): 53.4 Disturbance Area (ha): 44.5 NAR (ha): 44.0 Forest Cover Area (ha): 54.2 Opening Gross Area (ha): 53.4

FC Polygon 11/SU 1 is IMM with FG Sph

RESULTS320 - Forest Cover Summary

[Delete Forest Cover](#) [New Forest Cover](#) [Forest Cover History](#)

Last Action Date: 2017-01-17 Comments: [No](#) [Forest Cover Map](#) 6 rows returned

SU	Polygon ID	Non-Mapped Area	Layer	Polygon Area		Stocking		Reference Year	Species Code			Stems/ha				Details
				Gross	Net	Stat	Type					Total	Total Well Spaced	Well Spaced	Free Growing	
1	11		I	37.4	37.4	IMM	ART	2016	BL	SX	PLI	3920				<input type="button" value="Details"/>
1	11		S	37.4	37.4	IMM	ART	2016	SX	PLI	BL		1080	1020	840	<input type="button" value="Details"/>
2	22		I	6.7	6.7	IMM	ART	2016	BL	SX	PLI	2244				<input type="button" value="Details"/>
2	22		S	6.7	6.7	IMM	ART	2016	SX	BL			933	933	578	<input type="button" value="Details"/>
	R1			2.8	2.8	NP	UNN	2000								<input type="button" value="Details"/>
	W			7.3	7.3	MAT	NAT	1999								<input type="button" value="Details"/>

RSLTExtract11-CSV-Regeneration/Free Growing Report

CSV contains more data than what is shown in PDF version: both RG and FG due/declared/received dates, milestone declaration comments and dates, indicator s.108 or 97.1 are mentioned in the milestone comments section (slide 6 and 7).

CSV maybe useful to create baseline population and can be filtered and sorted using Excel.

Report maybe be linked other data sources via **OPENING_ID**, **FOREST_COVER_ID**, **STOCKING_STANDARD_ID**, **FSP_ID** such as opening and forest cover spatial, FSP spatial, reported damage agents etc.


RSLTExtract11-CSV-Regeneration/Free Growing Report

Data can be set up via pivot table/charts to summarize data as needed






Limitation of Use

- The RG/FG Assessment Report is looking for Standards Unit and Forest Cover linkage based on current reporting standards.
 - Assessment will not be accurate for forest cover records that have missing forest cover/SU linkage.
 - Multi-layered stands are generalized to the polygon level
 - Note that MAT stocking status is included in the review. It is difficult to determine if it accurately assigned to a SU and reserve is coded correctly. This requires users to review manually determine appropriateness for RG/FG assessment.
 - If there is multiple comments for the same SU milestone declaration, this will cause duplication in the reporting to ensure all comments can be seen.
- 



Work in progress

- This report is complex and contains a lot of processing.
 - Currently, **NP** stocking status appears and should not be. This will be removed in next enhancement (ETA week of June 19).
 - FC_SU Indicator (CSV, [AU]) version requires fixing. It currently defaults to “Y” for all records.
 - If there are any issues encountered with the logic of the report, please contact RESULTS Application support so that we can improve the report.
- 



New Jasper Report Regeneration and Free Growing Assessment

Thank you

Questions?



Questions or concerns regarding RG/FG Assessment
report sent to: Applications@nrs.gov.bc.ca

New Jasper Report Regeneration and Free Growing Assessment

<http://www2.gov.bc.ca/gov/content/industry/forestry/managing-our-forest-resources/silviculture/silviculture-reporting-results>

The screenshot shows the British Columbia government website. The header includes the BC logo, a search bar, and navigation links like 'Careers & MyHR', 'Services A-Z', 'Organizations A-Z', 'Forms A-Z', 'News', and 'Contact Us'. A secondary navigation bar lists various industry sectors, with 'Forestry' highlighted. Below this, a breadcrumb trail reads: Home / Farming, Natural Resources & Industry / Forestry / Forest Stewardship / Silviculture / RESULTS Application.

RESULTS Application

RESULTS APPLICATION

To request access to RESULTS and the Electronic Framework Submission (ESF), fill out the [RESULTS online access request form](#).

The Reporting Silviculture Updates and Land Status Tracking System (RESULTS) application tracks silviculture information by managing the submission of openings, disturbances, silviculture activities and obligation declarations as required by the *Forest and Range Practices Act*.

Under RESULTS, data is submitted using an Electronic Submission Framework (ESF) that is linked to associated spatial information, ensuring consistency in geographic information. All data (including spatial data) is replicated in the BC Geographic Data Warehouse and can be viewed in RESULTS using Google Map View. The Data Distribution Service allows users to order data for download from the warehouse.

Information is accessible to users at all times, either online or through various reports.

Application Access

Expand All | Collapse All

- For Government and B.C. Timber Sales Users
- For Non Government Users
- RESULTS Access Policy

Related Links

- Register for a BCeID
- Launch the Data Distribution Service

Application Support

- NRSenquiries@gov.bc.ca

Left Sidebar Menu:

- Forest Stewardship Plans
- Wildfire Management
- Forest Health
- Silviculture
 - Silviculture Strategies
 - Silviculture Strategy Areas
 - Sustainable Forest and Timber Management
- Stocking Standards
- Tree Species Selection
- Stand Tending
- Silvicultural Systems
- RESULTS Application**
 - Business and Policy Documentation
 - Spatial Views
 - Technical Documentation
 - Training and Resources
- Visual Resource Management
- Tree Seed
- Integrated Resource Monitoring