

RESULTS TRAINING

Module 5 – Generating Reports – Basic



Version 1.3 August 2005

RESULTS Learnline Training Session Handout

Document Change Control

Version	Date	Description	Author	Website
1.0	November 2004	Original content development	Mei Ching Tsoi	
1.1	March 2005	Minor editorial and format fixes	Forsite Consultants Ltd.	www.forsite.ca
1.2	April 2005	Add screen navigation, updated examples, add RDD012	Mei-Ching Tsoi	
1.3	August 2005	Rewrite to reflect new reports	Mei-Ching Tsoi	

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1. Introduction

This document provides sample report parameters and report outputs that will be discussed during your RESULT Generating Reports - Basic Learninc session.

Please print this document for reference during the training session due to monitor display limitations while using Learninc.

Please note that there are a multitude of methods to run reports. Parameters provided are illustrations of how to get started.

2. Getting Access

Get into RESULTS

To request access

Training materials

Useful Documentation and Notices

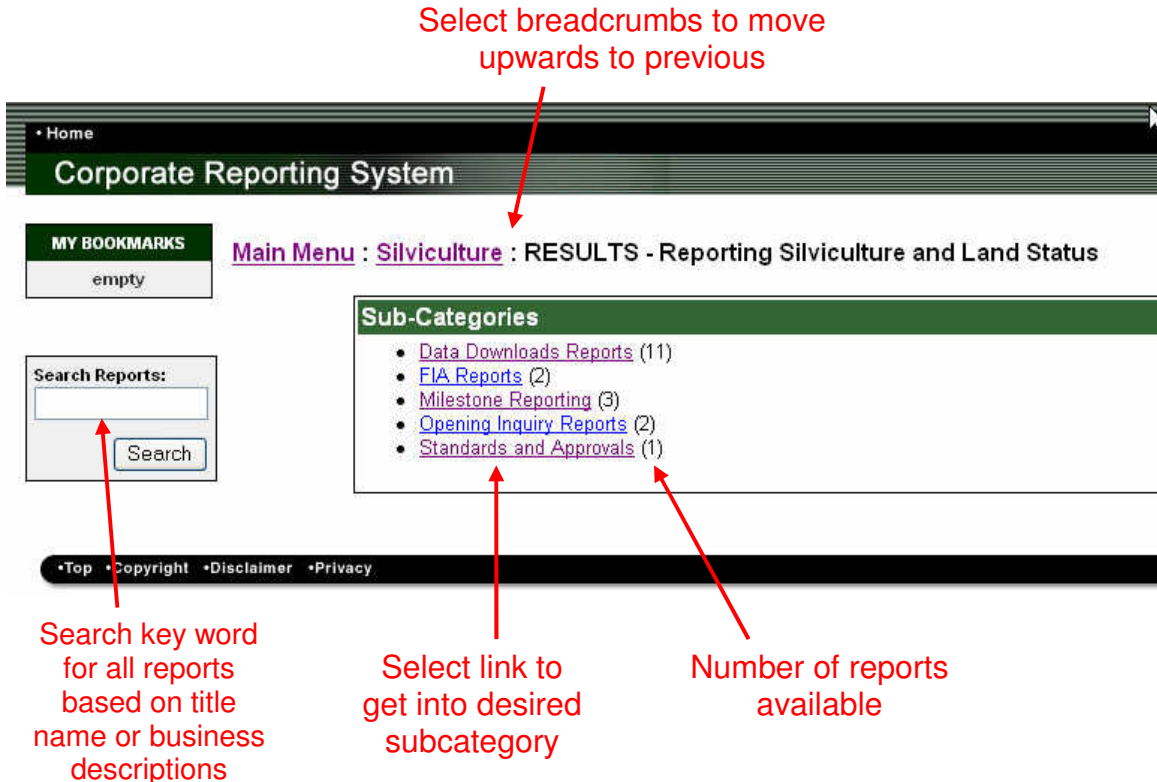
1. Url to get into access is: <http://www.for.gov.bc.ca/his/results/>
2. In this main screen, select the **RESULTS Application** link to get into the application. If you cannot get in, then you will have to make a request via **How to get Access** link.

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3. Getting into RESULTS Reports (Corporate Reporting System)



RESULTS Report function contains access to a system called Corporate Reporting System (CRS). CRS is used to run reports for any MOF systems, depending on the access authorities you have. Select Reports and you should see the following screen:



Getting Access: CRS authorities is not linked to RESULTS. If you select Reports in RESULTS and do not see the CRS Screen, it means that you have insufficient authority and will have to make a request How to get Access via: <http://www.for.gov.bc.ca/his/results/>. Ensure that you request that you would like authority to run RESULTS Reports.

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4. Features within Corporate Reporting System

The screenshot shows the Corporate Reporting System interface. At the top, there is a navigation bar with 'Home' and 'Help' links, and the 'Ministry of Forests' logo. Below this is a 'MY BOOKMARKS' section with an 'empty' status. A 'Search Reports:' box is also present. The main content area displays a list of reports under the heading 'Reports'. The reports are numbered 1 through 7, each with a magnifying glass icon and a '+ help' link. A red arrow points from the text 'Adds report to bookmark' to the '+' icon next to report 4. Another red arrow points from the text 'Useful for quick access to commonly used reports' to the '+' icon next to report 6. A third red arrow points from the text 'HELP will take you to Robohelp for the requested report.' to the 'help' link of report 6. Below the list, a detailed view of the 'RESULTSR006-Wildlife Tree Retention' report is shown. It includes a 'Business Description' section with text about minimum wildlife tree retention (WTR) thresholds and a 'Technical Description' section stating 'No description available'. A 'Back' button is at the bottom of this view.

Gets business description

Adds report to bookmark

Useful for quick access to commonly used reports

HELP will take you to Robohelp for the requested report.

The screenshot shows the 'CRS006 - CRS Parameter Screen for RESULTSR006' configuration page. The page has a blue header with 'Contents', 'Index', and 'Search' links, and a search box. The main content area is titled 'CRS006 - CRS Parameter Screen for RESULTSR006' and includes a '(Last Updated 2004-02-04, DRAFT Version 1.2)' note. A table of contents lists various sections: Description, Screen Layout, Package Name, Business Rules, Field Descriptions, Processing, Database Transactions, Controls, and Change History. The 'Description' section is expanded, showing text: 'To allow the CRS web-based program the ability to ask for parameters and use those parameters to request the RESULTS report RESULTSR006 - Wildlife Tree Retention.' Below this is the 'Screen Layout' section, which includes a zoom factor dropdown set to '50%'. A preview of the 'Wildlife Tree Retention' report is shown, featuring a form with fields for 'Org Unit', 'Client Number', 'Client Name', 'Management Unit', 'Licence No.', 'Wildlife Retention Fund From (0000 MTRF)', 'Wildlife Retention Fund To (0000 MTRF)', and 'Wildlife % Retention'. A 'Print' button and a 'Download PDF' button are also visible. The 'Package Name' section is set to 'None'. The 'Business Rules' section contains three numbered rules: 1. If the output option of 'CSV' is selected, then CRS will run the report's stored procedure and return those values in a CSV formatted file, otherwise CRS will call the report for export into the desired format. 2. The user must make one selection from one of the following choices: 1. Org Unit (or TSO), 2. Client Number, 3. Management Unit. 3. Management Unit.

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5. Report Screen Orientation

ISSAWM01-Free Growing Report

Business Description:

This report provides a summary of all openings that have free growing due or free growing declared based on the specified year ranges entered by the user. This report is useful for identifying the total population of blocks for inspection purposes. To ensure that the total population is selected do not use the Free Growing Declared Indicator. However, if you wish to narrow your report for a specific purpose, enter Y if you are interested in SUs that have been declared, or N if you are interested in SUs that not been declared.

District*:	100 Mile House Forest District (DMH) ▼
Client Name:	<input type="text"/>
Client Number:	<input type="text"/>
Client Location:	<input type="text"/>
Licence:	<input type="text"/>
Open Category*:	FTML-Forest Tenure - Major Licensee ▼
Start Due Date:	2005-04-01
End Due Date:	2006-03-31
Declared*:	BOTH ▼
Start Received Date:	<input type="text"/>
End Received Date:	<input type="text"/>

View the report online. (This report may take time to display)

Email this report to me

3. Select email report

4. Enter your email address

5. Select Generate Report

Use parameters to narrow scope of report.

What parameters to use will vary depending on type of report.

Note that Other formats available:

MS Word	It creates a document that looks similar to pdf format but in MSWord format. Note any spatial hyperlinks are retained. This may be useful if you are incorporate the report into a document.
MS Excel	It creates a document that looks similar to pdf format but in MS Excel format. Note any spatial hyperlinks are retained.
MS Excel Data	Crystal reporting attempts to place .pdf output into an excel spreadsheet with data organized in a tabular format. Note that this function does not appear to be working very well and the header and data does not match. CSV function works better.
RTF	Rich Text format
Mapview	This provides the output of report as a hyperlink that is organized by mapsheets that is linked to Mapview. Only selected reports have this feature.

6. What's New in Reports

Release 2.0 contains the following new reports:

- Changes to the Not Satisfactorily Restocked Crown Land
- Achievement of Free Growing under Forest Stand Management Fund
- Permanent Access Structures – Key Outcome Indicator
- Permanent Access Structures – Opening Report
- Wildlife Tree Retention Report – Opening Report
- Biological Regeneration Delay – csv extract only
- Declared Free Growing Stands with General Forest Cover Information
- Declared Free Growing Stands with Detailed Standards and Forest Cover Information
- Max Density Exceeded
- Silviculture Openings with Missing NAR, Regen or Late FG Offsets
- Silviculture Openings with Harvest Start Date and ATU, but NO Forest Cover

Due to time constraints, not all can be presented in this presentation. However, its business description, application of the report, and suggested method of running the report and its format is provided in this document for your reference.

Some are still in test environment, but will be available in the production environment shortly.

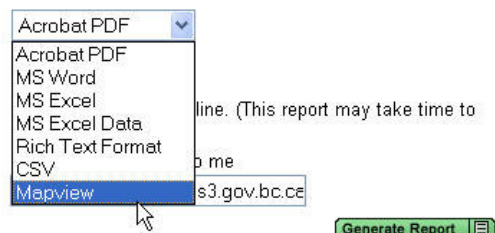
Mapview Format Available

New format option of Mapview is available for opening-based reports such as:

- ISSAW01-Regeneration
- ISSAW01-Free growing
- % Permanent access structure (pending); and,
- Wildlife tree retention by opening reports (pending)

This option provides a spatial HTML file organized by mapsheet of the openings/records that meet the criteria of the report parameters specified, where spatial data exists.

Format:



a) Mapview Hyperlink Format Option

The following reports currently have Mapview Option available:

- Regeneration Report
- Free Growing Report
- % Permanent Access Structure – Opening (pending)
- Wildlife Tree Retention (pending)

The Mapview format option runs the report as a HTML link organized by mapsheet. It is highly recommended either a .pdf or .csv report is run for the same criteria to provide additional information to complement the map output.

The following demonstration gives an illustration how to run a Mapview report how to interpret the spatial HTML file and what you may expect to see.

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ISSAWM01-Free Growing Report

Business Description:
This report provides a summary of all openings that have free growing due or free growing declared based on the specified year ranges entered by the user. This report is useful for identifying the total population of blocks for inspection purposes. To ensure that the total population is selected do not use the Free Growing Declared Indicator. However, if you wish to narrow your report for a specific purpose, enter Y if you are interested in SUs that have been declared, or N if you are interested in SUs that not been declared.

District*: Kamloops Forest District (DKA) [v]

Client Name: []

Client Number: []

Client Location: []

Licence: []

Open Category*: FTML-Forest Tenure - Major Licensee [v]

Start Due Date: [] []

End Due Date: [] []

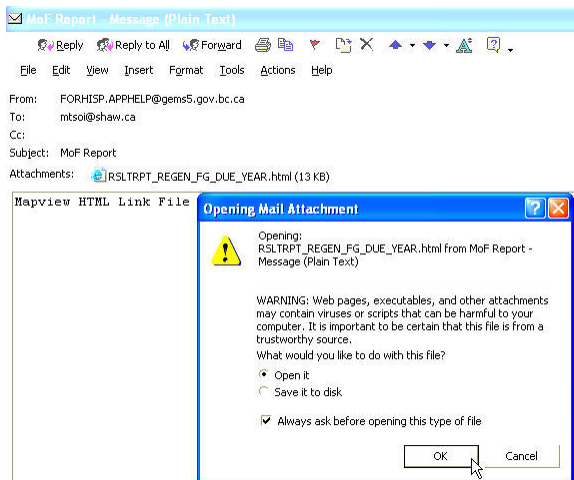
Declared*: YES [v]

Start Received Date: 2005-01-01 [] []

End Received Date: 2005-06-30 [] []

Format: [Acrobat PDF
MS Word
MS Excel
MS Excel Data
Rich Text Format
CSV
Mapview
Mapview]

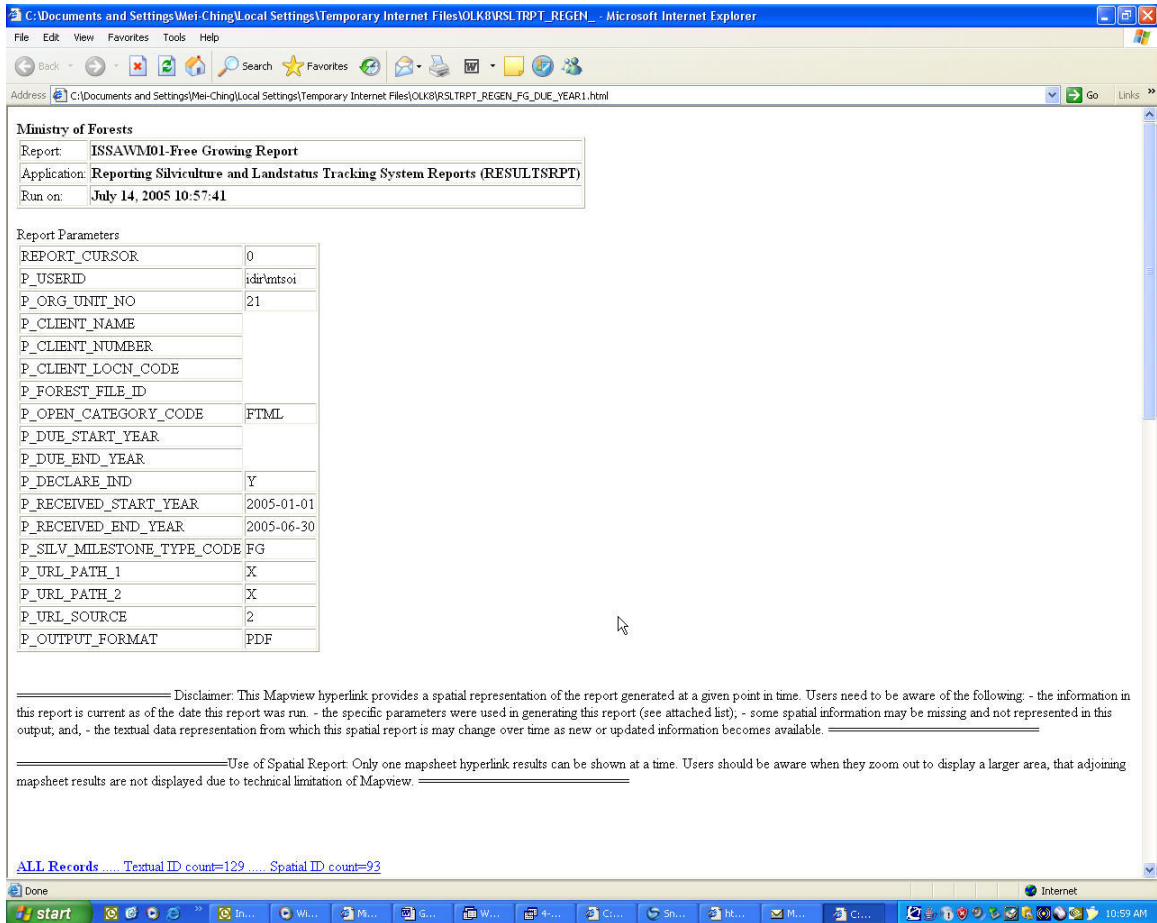
Note that either a .pdf or .csv report should be also run also so that this can be used in conjunction with the spatial report.



An email with attachment will appear in your email in basket.

Open the file to see the HTML hyperlinks to Mapview, which is organized by mapsheets.

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[ALL Records Textual ID count=129 Spatial ID count=93](#)

[82L 051 Textual ID count=4 Spatial ID count=3](#)

[82L 062 Textual ID count=1 Spatial ID count=0](#)

[82L 081 Textual ID count=1 Spatial ID count=0](#)

[82L 091 Textual ID count=5 Spatial ID count=0](#)

[82M 001 Textual ID count=4 Spatial ID count=1](#)

[82M 011 Textual ID count=1 Spatial ID count=1](#)

[82M 022 Textual ID count=1 Spatial ID count=1](#)

[82M 031 Textual ID count=1 Spatial ID count=1](#)

[82M 032 Textual ID count=3 Spatial ID count=1](#)

[92I 058 Textual ID count=4 Spatial ID count=0](#)

[92I 060 Textual ID count=2 Spatial ID count=2](#)

[92I 078 Textual ID count=1 Spatial ID count=0](#)

Textual ID – is the number of records that would show up in .pdf or .csv report

Spatial ID – is the number of records that would appear in Mapview

Select on any mapsheet for highlighted map of the openings that matched report parameters.

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Highlighted openings in Mapview illustrate records that match the report parameters. There can be records that matched the parameters, but do not have spatial linework.

BRITISH COLUMBIA
MapView for the Web - Silviculture

Close X Help ?

About Layers Legend Find Location Query Themes Tutorial Refresh Map Disclaimer

Map Layers [Feedback](#)

- Main
- RESULTS
 - Opening
 - Activity Treatment Unit
 - Stocking Standard Unit
 - Silviculture Forest Cover
- Vegetation
- Land Features
- Water Features
- Grids and Images

Refresh Map

Automatically Refresh Map

Notes:
Please refer to the following for descriptions of the functions of the controls in the layer list above.

- Click folder to show or hide contents.
- Click to turn off all layers in the associated folder.
- Click the check box to turn layer on and off.
- i** This is the active identify layer.
- Click the grayed out identify tool beside a layer name to make it the active identify layer.

IMF v4.0.6.11

Scale: 1:24,019 Map Tool:

Cursor Location: 120°24'15" W, 51°31'7" N

Internet

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More details about the report can be obtained from the .pdf report that contains details about each opening/SU. Map and .pdf.csv should be used together as there can be records not reflected in map but met the condition of the report parameters.

Org Unit:	DKA	Free Growing Report				Page:	Page 1 of 15
Client Number:		Due Start Date:		Due End Date:		Date Printed:	2005-08-25 15:20:37
Client Name:		Received Start Date:	2005-01-01	Received End Date:	2005-06-01	User id:	idir\mstol
Licence:		Declare Ind:	Y			Database:	DBP01
Opening Category:	FTML					Report id:	ISSAWM01
						File:	

- SUs declared in ISIS will have a default of '2003-11' Free Growing Declaration Received date.
- *Months Left refers to the number of months remaining from the free growing declaration received date and the current reporting date. This is useful to determine whether SUs is within the 15 month assessment window.
- *Note: IDIR or RESULTS_CONV Received Userid requires manual verification of report received date to confirm the prescribed 15 month period.

District:	DKA	District:	DKA
Licensee:	00001086 00 TOLKO INDUSTRIES LTD.		

<u>Licence</u>	<u>Open Cat.</u>	<u>Timber Mark</u>	<u>Cut Block</u>	<u>Opening ID</u>	<u>Map Ind</u>	<u>Line work</u>	<u>Gross Area</u>	<u>SU</u>	<u>BEC</u>	<u>NAR</u>	<u>Dist/Comm Date</u>	<u>Months Left</u>	<u>Regen Declared</u>	<u>EFG Due</u>	<u>LFG Due</u>	<u>FG Declared</u>	<u>FG Received</u>	<u>Received Userid</u>	<u>Am d</u>
A18686	FTML	ES4605	5	82L 051 0.0 252 20329	Y	ROSC	15.9												
								A	IDF dk 2 01	5.1	1992-07-01	10		2003-07	2007-07	2003-09-19	2005-04-03	IDIR\ADELL N AVI	
								B	IDF dk 2 01	10.1	1992-07-01	10		2003-07	2007-07	2003-09-19	2005-04-03	IDIR\ADELL N AVI	
A18686	FTML	ES4605	6	82L 051 0.0 253 20330	Y	ROSC	14.2												
								1	IDF dk 2 03	13.6	1994-05-01	10		2003-05	2009-05	2003-09-17	2005-04-03	IDIR\ADELL N AVI	
A18686	FTML	ES4536	6	82L 062 0.0 411 20159	N		37.9												
								B	IDF dk 2 05	34.0	1988-02-01	8		2000-02	2003-02	2002-06-24	2005-02-02	IDIR\MCOLL A ING	
A18686	FTML	ES4501	19	82L 081 0.0 146 88286	N		3.5												
								A	IDF dk 2 01	3.5	2000-06-01	10		2003-06	2015-06	2003-09-30	2005-03-22	IDIR\ENHUNN TER	
A18686	FTML	ES4561	1	82L 091 0.0 143 20229	N		8.0												
								1	ESSF dc 2 05	8.0	1995-10-01	11		2003-10	2010-10	2004-09-23	2005-04-11	IDIR\MCOLL A ING	
A18686	FTML	ES4561	2	82L 091 0.0 144 20230	N		20.5												
								1	ESSF dc 2 05	20.5	1995-10-01	11		2003-10	2010-10	2004-09-23	2005-04-11	IDIR\MCOLL A ING	

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b) Permanent Access Structures – Opening Report

This report provides an opening summary assessment of percent permanent access structure (PAS) based on a tolerance greater than or equal to a percent value specified by user. This report has flexibility to narrow scope of report by a number of variables such as by management unit, client number, licence, disturbance start dates, etc.

Permanent access structure is based on forest cover submission for area classified as NP UNN (non-productive unnatural areas). The NP UNN area is divided by the total forest cover area for the opening to calculate for the % associated with Permanent Access Structures.

This report can be run by .pdf, &.csv., and eventually Mapview formats. Mandatory data field is to specify a percent value for tolerance.

% Permanent Access Structures - Opening Report

Business Description:

This report calculates the total area removed from the productive landbase for permanent access structures (PAS) for each opening. PAS is reported as NP UNN (Non-productive unnatural) areas in forest cover. The PAS is divided against all other reported areas within forest cover submission for the opening. This report is designed so that users can specify own PAS % limit to report out

Org Unit:	(DCR).....Campbell River Forest District
TSO:	-ALL-
Management Unit:	-ALL-
Client Number:	<input type="text"/>
Client Location:	<input type="text"/>
Opening Category:	FTFSM - Forest Tenure - Forest Stand Management FPC s.71 FTLEVY - Forest Stand Levy under FSM Fund Reg. FTML - Forest Tenure - Major Licensee FTPI - Forest Tenure - pilot agreement FTSBF - Forest Tenure - Small Business Forest Enterprise Program
Licence No:	<input type="text"/>
Cutting Permit:	<input type="text"/>
Timber Mark:	<input type="text"/>
BEC Zone:	<input type="text"/>
BEC Sub Zone :	<input type="text"/>
Actual PAS >= %:	7
Disturbance Start Date From (YYYY-MM-DD):	2003-04-01
Disturbance Start Date To (YYYY-MM-DD):	2004-03-31
Update TimeStamp From (YYYY-MM-DD):	<input type="text"/>
Update TimeStamp To (YYYY-MM-DD):	<input type="text"/>

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% Permanent Access Structures - Opening Report

Page: 1 of 2
 Date Printed: 2005-08-25
 User Id: idir\mstol
 Database: DBQ01
 Report Id: RESULTSR001
 File:

Org Unit: DCR - Campbell River Forest District
 TSO: All
 Management Unit: All
 Client:
 BEC Zone:
 BEC SubZone:
 Opening Category: FTML - Forest Tenure - Major Licensee
 Licence: Cutting Permit: Timber Mark:



Disturbance Start Year (From): 2002-04-01
 Disturbance Start Year (To): 2003-03-31
 Update TimeStamp (From):
 Update TimeStamp (To):
 Actual Permanent Access Structure >= ⁽¹⁾ 7%

Licence No.	CP	Timber Mark	Bik	Opening	Map Ind	Map Source	Opening Category Code	Disturb Start Date	Update TimeStamp	BEC ⁽²⁾	Max Allow. PAS% ⁽¹⁾	NP Unn	NP Other	NSR Total	SR Total	MAT Total	Gross % ⁽³⁾	
																	Opening Id	Area
A19225	46	EB7046	K0145	92K 001 0.0 112 93603	N		FTML	2002-06-24	2003-06-17	CWH mm 1 01	0.0	2.9	0.0	26.3	0.0	9.8	39.0	7.4
A19225	47	EB7047	K04500	92K 004 0.0 56 106749	N		FTML	2002-10-16	2003-06-17	CWH xm 1 05	0.0	0.5	0.0	0.0	3.3	0.0	3.8	13.2
A20913	23	FB7023	NC4000	92K 061 0.0 116 104816	N		FTML	2002-05-25	2003-06-17	CWH vm 2 01	7.4	0.8	0.0	8.9	0.0	1.1	10.8	7.4
CD563		CD563	31500	92K 031 0.0 530 106860	N		FTML	2002-12-19	2003-06-17	CWH xm 2 05	7.7	1.1	0.0	12.0	1.5	0.0	14.6	7.5
T0883	H	T0883H	NC1530	92K 061 0.0 124 109277	N		FTML	2002-09-07	2003-06-17	CWH vm 1 03	10.2	2.5	0.0	19.6	0.0	2.5	24.6	10.2
T0883	J	T0883J	NC1120	92K 061 0.0 129 112563	N		FTML	2003-02-10	2003-06-17	CWH vm 1 01	6.5	1.1	0.0	12.3	2.0	0.0	15.4	7.1
TFL25	209	25/209	235B	92K 083 0.0 515 109478	N		FTML	2002-06-01	2003-06-17	CWH vm 1 01	9.4	0.4	0.1	4.0	0.0	0.0	4.5	8.9

(1) Maximum Allowable PAS (Permanent Access Structure) is a requirement under the FPC, whereby the limits are defined by standards units and are set by licensees. Under FRPA, there is a default maximum allowable permanent access limit with exceptions for site, safety or specific operational conditions.

(2) Biogeoclimatic zone for the opening is generalized to the largest standards unit.

(3) Percent PAS (Permanent Access Structures) is based on the forest cover polygon with the identification of "NP Unn" (Non-Productive Unnatural) stocking status/type classification divided by the sum of all forest cover polygons for the opening.

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c) Wildlife Tree Retention – Opening Report

This report provides percent of area set aside for wildlife tree patches (WTP) or riparian reserves by opening. This report has flexibility to narrow scope of report by a number of variables such as by management unit, client number, licence, disturbance start dates, etc.

The percent of reserves is assessed based on forest cover polygons that had reserve codes of “W” – wildlife tree patch or “R”-riparian as these represent contiguous area that can be calculated against the total forest cover for opening. The areas for dispersed types are provided, however, they are not included in the calculation. This report will search out openings that is less than or equal a specific % WTP & Riparian tolerance within an opening. Note that the data capture standard for reserves only existed within the past several years. For this reason, any older openings without any subsequent forest cover updates may not reflect any reserve information. As such, care must be taken to try to limit the scope of the report as many records may potential appear that would have 0% indicated.

Note that this report can be run by .pdf, &.csv., and eventually Mapview formats. Mandatory data field is to specify a percent value for tolerance.

Wildlife Tree Retention

Business Description:

Minimum wildlife tree retention (WTR) thresholds are detailed in the legislation. This report calculates all continuous types of reserves within the opening. Percent of area attributed to WTR are the sum of those forest cover polygons that have been identified as either “W”-Wildlife Tree Patch or “R”-Riparian divided by the total forest cover area. Note that there is no calculation of dispersed reserve types at this time. This report is designed to indicate those openings that have less than a certain tolerance % by opening, as specified by user. In addition, this report can be run by district, TSO, management unit, client and licence.

Org Unit:	(DCR).....Campbell River Forest District
TSO:	-ALL-
Client Number:	
Client Location:	
Opening Category:	FTML - Forest Tenure - Major Licensee
Management Unit:	-ALL-
Licence No:	
Disturbance End Date From: (YYYY-MM-DD):	2002-04-01
Disturbance End Date To: (YYYY-MM-DD):	2003-03-31
Wildlife % Tolerance <= :	7
Format:	Acrobat PDF

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Wildlife Tree Retention

Page: 1 of 4
 Date Printed: 2005-08-25
 User Id: idirvmtsoi
 Database: DBQ01
 Report Id: RESULTSR006
 File:

Org Unit: DCR - Campbell River Forest District
 TSO: All
 Client:
 Opening Category: FTML - Forest Tenure - Major Licensee
 Management Unit: All

Licence No:
 Disturbance End Date (From): 2002-04-01
 Disturbance End Date (To): 2003-03-31
 WTR% Tolerance <= : 7 %

Licence	CP	TM	Block	Opening	Opening Id	Map Ind	Map Source	Polygon Area With No Reserve	Polygon Area	WTP & Riparian Area	Total Forest Cover	% WTR
									Dispersed Retention Reserves			
						Disturbance Start Date	Disturbance End Date					
A19225	47	EB7047	22760	92K 022 0.0 74	111767	N						
A19232	78	EC5078	CAL182	92K 061 0.0 114	102686	N	2002-10-13	2003-02-24	1.40		1.40	0.00
A19233	30	EY2030	AR515	92L 016 0.0 194	90342	Y	2001-11-01	2002-04-01	23.40	1.60	26.00	6.15
A19233	31	EY2031	AR230	92L 015 0.0 163	81977	N	2001-02-01	2002-05-01	35.90	1.80	37.70	4.77
A20913	23	FB7023	NC1310	92K 051 0.0 26	104813	N	2002-02-01	2002-06-01	16.90		16.90	0.00
A53746	101	FQ5101	Z15	92E 100 0.0 28	98673	N	2002-04-05	2002-06-21	6.20	0.70	6.90	0.00
A53746	2	FQ5002	K41	92E 096 0.0 169	75723	Y	2001-06-01	2002-07-31	49.00		49.00	0.00
T0585	E	T0585E	38250	92L 038 0.0 554	99094	N	1998-10-15	2002-07-23	29.00	1.90	30.90	6.15
T0883	H	T0883H	NC1530	92K 061 0.0 124	109277	N	2001-07-12	2002-04-01	25.20	71.20	101.00	4.55
TFL19	601	19/601	K125	92E 090 0.0 558	91324	N	2002-09-07	2002-11-15	22.10	2.50	24.60	0.00
TFL19	601	19/601	P84	92E 089 0.0 554	91810	N	2001-04-01	2002-06-30	29.20		29.20	0.00
TFL19	603	19/603	E99	92E 061 0.0 501	95172	N	2000-10-02	2002-09-30	32.40		32.40	0.00
TFL19	610	19/610	H57	92E 078 0.0 568	98632	N	2001-06-01	2002-09-30	38.10		38.10	0.00
TFL19	611	19/611	Q73	92E 089 0.0 557	98500	N	2001-03-01	2002-05-31	13.80	1.00	14.80	6.76
TFL19	616	19/616	Q64	92E 089 0.0 558	100286	N	2001-03-01	2002-12-15	14.40	0.40	14.80	2.70
						N	2002-01-15	2002-06-30	10.20		10.20	0.00

(1) Dispersed Retention reserves are not considered in the calculation of wildlife tree retention % at this point in time.

(2) % WTR is base on areas identified as ((WTR + Riparian) / Total Forest Cover Area).

d) Biological Regeneration Delay (csv only)

The regeneration delay is used in the timber supply analysis.

Regeneration delay is typically referred to duration between the harvest start date and the regeneration declaration date. This declaration is a confirmation of the legal requirement which is often the maximum duration required to achieve regeneration and not reflective of what was actually achieved in the field. Moreover, regeneration declaration is not legal required, rather a forest cover at regeneration is submitted to demonstrate that regeneration has been achieved. Therefore, the regeneration declaration date is often missing,

Another method of deriving regeneration delay is to assess when a change occurred in forest cover from NSR-not satisfactorily restocked status to IMM-immature status. The stocking type also described whether the area had been PL-planted or had been NAT-naturally regenerated.

This report provides a range of dates when planting and natural regeneration had occurred (earliest tracked date vs. the latest tracked dates) within an opening. The range of dates occur as different polygon areas associated with the opening gradually achieve stocked status over time intervals. Therefore some decision will have to be made on using either the earliest, latest, or average. But the information has been generalized to provide consistent, defensible data to use to support their assumption building for Timber Supply Review process.

Note that this report is only available in the CSV format as it is intended to serve as raw data for subsequent analysis.

RESULTS Learnline Training Session Handout

Biological Regeneration Delay

Business Description:

This report is designed to be a CSV extract only. This report provides a consistent methodology to generate achieved biological date based either the submission of planting information or forest cover submission for natural regenerated area. This would be considered the "biological" regeneration delay which is different than a "regeneration declaration" which is a legal maximum limit. This report provides a consistent methodology in determining the "biological regeneration" that can be used for the Timber Supply Review process. Since this report is by opening, it can be summarized in any forest analysis unit required

Org Unit: (DCR).....Campbell River Forest District

TSO: -ALL-

Client Number:

Client Location:

Management Unit: -ALL-

Licence No:

Disturbance Start Date From (YYYY-MM-DD)*: 2000-01-01

Disturbance Start Date To (YYYY-MM-DD)*: 2005-12-31

Format: CSV

	Q	R	S	T	U	V	W	X	Y
1	OPENING ID	GEO DISTRICT NO	GEO DISTRICT NAME	DISTURBANCE START DATE	DISTURBANCE END DATE	MIN IMM ART	MAX IMM ART	MIN IMM NAT	MAX IMM NAT
2	-3.6E+08	43	Campbell River Forest District	5/2/2000	5/2/2005	1/22/1995	1/22/1995		
3	1000520	43	Campbell River Forest District	12/17/2003	11/12/2004				
4	1001007	43	Campbell River Forest District	4/4/2004	12/3/2004				
5	1001008	43	Campbell River Forest District	3/9/2004	11/12/2004				
6	1001009	43	Campbell River Forest District	3/19/2004	11/12/2004				
7	1001010	43	Campbell River Forest District	1/1/2004	5/1/2004				
8	1001011	43	Campbell River Forest District	9/1/2003	11/1/2003	4/12/2005	4/12/2005		
9	1001013	43	Campbell River Forest District	10/24/2003	4/30/2004				
10	1001014	43	Campbell River Forest District	10/15/2003	5/31/2004				
11	1001020	43	Campbell River Forest District	4/14/2004	12/31/2004				
12	1001060	43	Campbell River Forest District	3/31/2004	6/30/2004				
13	1001080	43	Campbell River Forest District	5/20/2004	8/31/2004				
14	100269	43	Campbell River Forest District	3/1/2001	11/30/2002	6/21/2004	6/21/2004		
15	100286	43	Campbell River Forest District	1/15/2002	6/30/2002				
16	100287	43	Campbell River Forest District	6/1/2001	8/30/2001	8/19/2002	8/19/2002		
17	100288	43	Campbell River Forest District	6/1/2001	8/30/2001	8/19/2002	8/19/2002		
18	100290	43	Campbell River Forest District	7/1/2001	9/30/2001	10/4/2002	10/4/2002		
19	1003640	43	Campbell River Forest District	5/28/2004	11/12/2004				
20	1003767	43	Campbell River Forest District	7/5/2004	7/12/2004			6/1/2005	6/1/2005
21	1004142	43	Campbell River Forest District	3/18/2004	4/30/2005			8/16/2005	8/16/2005
22	1004160	43	Campbell River Forest District	3/1/2005	3/23/2005			8/10/2005	8/10/2005
23	1004162	43	Campbell River Forest District	5/8/2004	6/25/2004			4/28/2005	6/24/2005
24	1004165	43	Campbell River Forest District	7/15/2004	9/5/2004			5/2/2005	5/2/2005
25	1004185	43	Campbell River Forest District	9/8/2004	10/1/2004			8/4/2005	8/4/2005
26	1004201	43	Campbell River Forest District	6/15/2004	10/5/2004			8/4/2005	8/4/2005
27	1004403	43	Campbell River Forest District	7/20/2004	10/10/2004			4/28/2005	4/28/2005
28	1004451	43	Campbell River Forest District	6/3/2004	6/20/2004			4/28/2005	8/10/2005
29	100488	43	Campbell River Forest District	6/1/2001	8/30/2001				

Natural Regen

Minimum & Maximum ranges

Planting

Minimum & Maximum ranges

RESULTS Learnline Training Session Handout

e) Max Density Exceeded

This report compares the max conifer stems per hectare that is recorded in the stocking standards and compares that value against the reported total stems per hectare in forest cover. Records are shown where the value in the forest cover total stems per hectare is greater than the max conifer value in the standard. Note that the forest cover standards unit link is optional. There is little ability to directly infer which forest cover polygon belongs to which standards unit via the reporting function. As such, each forest cover that has total stems exceeded is related to each standards unit within the opening causing a many-to-many relationship. There will be some requirement to manually infer which SU applies to the forest cover in question.

DAT004 - Max Density Exceeded
Business Description:

Region/District*:
 Licence #:
 Open Category*:
 Format:

Ministry Of Forests
Max Density Exceeded

District: Campbell River Forest District (DCR)
 Licence:
 Open Category: ALL

Page: Page 1 of 11
 Date Printed: 2005-08-24 14:50:36
 User Id:
 Database:
 Report Id: DAT003
 File:

Open Cat	Dist	Opening	SU	-- Stocking Standards --		Polygon No	----- Forest Cover Results -----		Total Stems per HA
				Max (Ha)	Density		Polygon Area	per HA	
FTSBF	DCR	92L 029 0.0 502	1	4.0	5,000	3	4.3	6,440	
FTSBF			2	6.7	5,000	3	4.3	6,440	
FTSBF		92E 069 0.0 543	2	4.0	5,000	1	23.4	5,600	
FTSBF			2	4.0	5,000	3	6.5	6,160	
FTSBF			3	6.5	5,000	1	23.4	5,600	
FTSBF			3	6.5	5,000	3	6.5	6,160	
FTSBF			4	9.4	5,000	1	23.4	5,600	
FTSBF			4	9.4	5,000	3	6.5	6,160	
FG		92L 015 0.0 139	1	0.0	1,000	964	2.0	2,440	
FTSBF		92E 079 0.0 521	3	16.9	5,000	129	32.0	5,139	
FTSBF			3	16.9	5,000	130	9.1	5,139	
FTSBF		92E 079 0.0 540	1	7.0	5,000	1	7.0	5,086	
FTSBF			2	7.7	5,000	1	7.0	5,086	
FTSBF			3	10.8	5,000	1	7.0	5,086	
FTSBF		92F 066 0.0 4	2	13.2	900	89	18.8	1,146	
FTSBF			2	13.2	900	93	14.8	2,108	
FTSBF		92K 033 0.0 144	1	16.1	5,000	633	2.9	7,771	
FTSBF			2	2.9	5,000	633	2.9	7,771	
FTSBF			3	0.8	5,000	633	2.9	7,771	
FTML		92E 085 0.0 47	A	6.5	5,000	A	6.5	5,771	
FTML			B	44.0	5,000	A	6.5	5,771	
FTML			C	6.9	5,000	A	6.5	5,771	
FTML		92E 067 0.0 127	A	22.7	5,000	B	4.7	6,600	
FTML			B	4.7	5,000	B	4.7	6,600	

RESULTS Learnlinc Training Session Handout

f) DAT0016-Declared Free Growing Stands with General Forest Cover Information

This report provides a summary of forest cover information for openings that have been declared free growing based on either the declared or received date. Forest cover information provided is very high level at the polygon level with associated areas.

Note that the example below is based limited test data. In production, typical method would be using the received date as monitoring would be based on this date to confirm information on those openings/SU that have been declared.

Also note that when using Opening Category, be aware that any FT (Forest Tenure)-series reverts to FG once the last SU is declared. So, in this case, it is preferable to keep the Opening Category to ALL.

DAT0016 - Declared Free Growing Stands with General Forest Cover Information
Business Description:

District*:	<input type="text" value="Campbell River Forest District (DCR)"/>
Client Number:	<input type="text"/>
Client Location:	<input type="text"/>
Licence:	<input type="text"/>
Open Category*:	<input type="text" value="-ALL-"/>
BGC Zone:	<input type="text"/>
BGC Subzone:	<input type="text"/>
Start Declared Date:	<input type="text" value="2003-01-01"/>
End Declared Date:	<input type="text" value="2003-04-01"/>
Declared*:	<input type="text" value="YES"/>
Start Received Date:	<input type="text"/>
End Received Date:	<input type="text"/>
Format:	<input type="text" value="Acrobat PDF"/>

RESULTS Learnline Training Session Handout

Org Unit: DCR Campbell River Forest District
 Licence:
 Open Category: All
 BGC Zone: Sub Zone:
 Declared: Y
 Declared From: 2003-01-01 To 2003-04-01
 Received From: To
 Client:

Ministry Of Forests Declared Free Growing Stands with General Forest Cover Report

Page: Page 1 of 5
 Date Printed: 2005-08-25 12:21:03
 User Id: idir/miso
 Database: DBQ01
 Report Id: DAT0016
 File:

Open Cat	Licence	Timber Mark	Cut Block Id	Opening	SU	NAR (Ha)	BGC	Declared Date	Receive Date	Months Between	Left	No	Polygon Lvr SU	Area	Stocking Status	Type
DCR Campbell River Forest District																
00001074 03 NORSKE SKOG CANADA LIMITED																
FG	T0883	T0883A	WC6000	92L 060 0.0 53	A	93.0	CWH b 03	1999-06-25	2003-06-17	26.3	-11.3	A	I	99.6	IMM	NAT
FG	T0883	T0883A	WC6000	92L 060 0.0 53	A	93.0	CWH b 03	1999-06-25	2003-06-17	26.3	-11.3	A	S	99.6	IMM	NAT
FG	T0883	T0883A	WC6000	92L 060 0.0 53	A	93.0	CWH b 03	1999-06-25	2003-06-17	26.3	-11.3	B	I	8.5	NP	UNN
														207.7		
00001271 08 CANADIAN FOREST PRODUCTS LTD.																
FG	A19233	EY2008	AR009	92L 016 0.0 126	1	29.0	CWH vm 01	2000-10-27	2003-06-17	26.3	-11.3	A	I	29.0	IMM	ART
FG	A19233	EY2008	AR009	92L 016 0.0 126	1	29.0	CWH vm 01	2000-10-27	2003-06-17	26.3	-11.3	A	S	29.0	IMM	ART
FG	A19233	EY2008	AR009	92L 016 0.0 126	1	29.0	CWH vm 01	2000-10-27	2003-06-17	26.3	-11.3	B	I	2.0	NP	UNN
														60.0		
00002176 02 INTERNATIONAL FOREST PRODUCTS																
FG	A19232	EC5043	CHM066	92L 004 0.0 178	1	38.6	CWH b 03	2000-01-31	2003-06-17	26.3	-11.3	A	I	42.2	IMM	ART
FG	A19232	EC5043	CHM066	92L 004 0.0 178	1	38.6	CWH b 03	2000-01-31	2003-06-17	26.3	-11.3	A	S	42.2	IMM	ART
FG	A19232	EC5043	CHM066	92L 004 0.0 178	1	38.6	CWH b 03	2000-01-31	2003-06-17	26.3	-11.3	B	S	8.0	IMM	ART
FG	A19232	EC5043	CHM066	92L 004 0.0 178	1	38.6	CWH b 03	2000-01-31	2003-06-17	26.3	-11.3	B	I	8.0	IMM	ART
FG	A19232	EC5043	CHM066	92L 004 0.0 178	1	38.6	CWH b 03	2000-01-31	2003-06-17	26.3	-11.3	D	I	3.3	NP	UNN
FG	A19232	EC5043	CHM066	92L 004 0.0 178	1	38.6	CWH b 03	2000-01-31	2003-06-17	26.3	-11.3	C	I	1.5	NP	NAT
FG	A19232	EC5043	CHM066	92L 004 0.0 178	2	17.0	CWH b 05	2000-01-31	2003-06-17	26.3	-11.3	A	I	42.2	IMM	ART
FG	A19232	EC5043	CHM066	92L 004 0.0 178	2	17.0	CWH b 05	2000-01-31	2003-06-17	26.3	-11.3	D	I	3.3	NP	UNN
FG	A19232	EC5043	CHM066	92L 004 0.0 178	2	17.0	CWH b 05	2000-01-31	2003-06-17	26.3	-11.3	A	S	42.2	IMM	ART
FG	A19232	EC5043	CHM066	92L 004 0.0 178	2	17.0	CWH b 05	2000-01-31	2003-06-17	26.3	-11.3	B	I	8.0	IMM	ART
FG	A19232	EC5043	CHM066	92L 004 0.0 178	2	17.0	CWH b 05	2000-01-31	2003-06-17	26.3	-11.3	C	I	1.5	NP	NAT
FG	A19232	EC5043	CHM066	92L 004 0.0 178	2	17.0	CWH b 05	2000-01-31	2003-06-17	26.3	-11.3	B	S	8.0	IMM	ART
FG	A19232	EC5044	CHM201	92L 014 0.0 205	1	55.9	CWH b 04	2002-07-25	2003-06-17	26.3	-11.3	A	I	55.9	IMM	ART
FG	A19232	EC5044	CHM201	92L 014 0.0 205	1	55.9	CWH b 04	2002-07-25	2003-06-17	26.3	-11.3	X	I	2.5	NP	UNN
FG	A19232	EC5044	CHM201	92L 014 0.0 205	1	55.9	CWH b 04	2002-07-25	2003-06-17	26.3	-11.3	A	S	55.9	IMM	ART
FG	A19232	EC5044	CHM201	92L 014 0.0 205	1	55.9	CWH b 04	2002-07-25	2003-06-17	26.3	-11.3	N	I	1.6	NP	NAT
														326.3		
00002516 02 WESTERN FOREST PRODUCTS LIMITED																
FG	T0069	T0069	60	92L 038 0.0 503	1	51.5	CWH vm 01	2002-05-13	2003-06-17	26.3	-11.3	1	I	30.9	IMM	ART
FG	T0069	T0069	60	92L 038 0.0 503	1	51.5	CWH vm 01	2002-05-13	2003-06-17	26.3	-11.3	5	S	21.5	IMM	ART
FG	T0069	T0069	60	92L 038 0.0 503	1	51.5	CWH vm 01	2002-05-13	2003-06-17	26.3	-11.3	5	I	21.5	IMM	ART
FG	T0069	T0069	60	92L 038 0.0 503	1	51.5	CWH vm 01	2002-05-13	2003-06-17	26.3	-11.3	3	S	2.2	IMM	ART

Note: The 15 month countdown is based on the FG declaration reported/submission date.

RESULTS Learnline Training Session Handout

g) DAT0017-Declared Free Growing Stands with Detailed Standards and Forest Cover Information

This report provides detailed forest cover information and stocking standard information for openings that have been declared free growing based on either the declaration date or received date.

Note that the example below is based limited test data. In production, typical method would be using the received date as monitoring would be based on this date to confirm information on those openings/SU that have been declared.

Also note that when using Opening Category, be aware that any FT (Forest Tenure)-series reverts to FG once the last SU is declared. So, in this case, it is preferable to keep the Opening Category to ALL.

DAT0017 - Declared Free Growing Stands with Detailed Standards and Forest Cover Information
Business Description:

District*:	<input type="text" value="Campbell River Forest District (DCR)"/>
Client Number:	<input type="text"/>
Client Location:	<input type="text"/>
Licence:	<input type="text"/>
Open Category*:	<input type="text" value="-ALL-"/>
BGC Zone:	<input type="text"/>
BGC Subzone:	<input type="text"/>
Start Declared Date:	<input type="text" value="2003-01-01"/>
End Declared Date:	<input type="text" value="2003-04-01"/>
Declared*:	<input type="text" value="YES"/>
Start Received Date:	<input type="text"/>
End Received Date:	<input type="text"/>
Format:	<input type="text" value="Acrobat PDF"/>

RESULTS Learnline Training Session Handout



Org Unit: DCR Campbell River Forest District
Licence:
Open Category: All
BGC Zone: Sub Zone:
Declared: Y
Declared From: 2003-01-01 **To:** 2003-04-01
Received From: **To:**
Client:

Ministry Of Forests Declared Free Growing Stands with Detail Standards and Forest Cover Report

Page: Page 1 of 15
Date Printed: 2005-08-25 12:30:10
User Id: idir/mstsi
Database: DBQ01
Report Id: DAT0017
File:

Open Cat	Licence	Timber Mark	Cut Block	Opening	SU	NAR (Ha)	BGC	Declared Date	Receive Date	Months			Stocking			Acc	Forest Cover									
										Between	Left	Lvr	Tar set	Min	Min Pref		Pref	Polygon No	Lvr	SU	Area	Status	Tvr	Tot	TW	WS
DCR Campbell River Forest District																										
00001074 03 NORSE SKOG CANADA LIMITED																										
FG	T0883	T0883A	WC600 0	92L 060 0.0 53	A	93.0	CWH b 03	1999-05-25	2003-05-17	26.3	-11.3	I	900	600	0	CW(0) BA(0) HW(0)	A	I	99.6	IMM	NAT	4,780	0	0	0	HW(68%) BA(22%) CW(9%) YC(1%)
FG	T0883	T0883A	WC600 0	92L 060 0.0 53	A	93.0	CWH b 03	1999-05-25	2003-05-17	26.3	-11.3	I	900	600	0	CW(0) BA(0) HW(0)	A	S	99.6	IMM	NAT	0	0	873	0	HW(62%) BA(22%) CW(16%)
FG	T0883	T0883A	WC600 0	92L 060 0.0 53	A	93.0	CWH b 03	1999-05-25	2003-05-17	26.3	-11.3	I	900	600	0	CW(0) BA(0) HW(0)	B	I	8.5	NP	UNN	0	0	0	0	
00001271 08 CANADIAN FOREST PRODUCTS LTD.																										
FG	A19233	EY2008	AR009	92L 016 0.0 126	1	29.0	CWH vm 01	2000-10-27	2003-05-17	26.3	-11.3	I	900	600	500	HW(0) BA(0) CW(0) YC(0) FDC(0)	A	I	29.0	IMM	ART	4,400	0	0	0	FDC(27%) HW(25%) BA(28%) CW(5%) YC(15%)
FG	A19233	EY2008	AR009	92L 016 0.0 126	1	29.0	CWH vm 01	2000-10-27	2003-05-17	26.3	-11.3	I	900	600	500	HW(0) BA(0) CW(0) YC(0) FDC(0)	A	S	29.0	IMM	ART	0	0	840	810	FDC(35%) BA(41%) CW(3%) YC(11%) HW(10%)
FG	A19233	EY2008	AR009	92L 016 0.0 126	1	29.0	CWH vm 01	2000-10-27	2003-05-17	26.3	-11.3	I	900	600	500	HW(0) BA(0) CW(0) YC(0) FDC(0)	B	I	2.0	NP	UNN	0	0	0	0	
00002176 02 INTERNATIONAL FOREST PRODUCTS																										
FG	A19232	EC5043	CHM066	92L 004 0.0 178	1	38.6	CWH b 03	2000-01-31	2003-05-17	26.3	-11.3	I	900	600	0	HW(0) CW(0)	A	I	42.2	IMM	ART	3,515	0	0	0	HW(60%) BA(10%) CW(30%)

Note: The 15 month countdown is based on the FG declaration reported/submission date.

RESULTS Learnline Training Session Handout

h) DAT001-Silviculture Openings with Missing NAR Area, Regeneration or Late FG Year

This report is intended to assist in data clean-up. Standards with either missing NAR Area, Regeneration offsets and/or missing Late FG Year cause problems with milestone reporting. Missing Regeneration and Late FG Year causes the regeneration due and late free growing due dates to be defaulted to the harvest start date.

Any records that have outstanding basic silviculture obligations that appear in this report should be reviewed and corrected, as needed.

Note that example below is based on test data.

DAT001 - Silviculture Openings with Missing NAR Area, Regen or Late FG Year

Business Description:

Region/District*: (DCR).....Campbell River Forest Dis

Licence #:

Open Category*: -ALL-

Format: Acrobat PDF

Ministry Of Forests Missing SU Regeneration, Early or Late FG

Page: Page 1 of 9
Date Printed: 2005-08-25 12:37:34
User Id: idir\mtsoi
Database: DBQ01
Report Id: DAT001
File:

District: Campbell River Forest District (
Licence:
Open Category: ALL

Open Cat	Dist	Opening	Commence Date	SU	NAR (ha)	Regen Delay	Regen Acheived	Early FG Years	Late FG Years	Early FG Date	Late FG Date
FTSBF	DCR	92K 014 0.0 32	1995-10-01	B	18.5	0		0	0		
FG	DCR	92K 003 0.0 47	1981-10-01	2	24.9	0		0	0		
FTML	DCR	92L 025 0.0 112	1995-03-01	4	1.8	0		0	0		
FG	DCR	92E 086 0.0 77	1992-03-01	3	15.5	0		0	0		
FTML	DCR	92K 023 0.0 134	1989-03-01	2	1.2	0		0	16		
FTML	DCR	92K 062 0.0 114	1993-04-01	3	0.0	6		11	14		
FTML	DCR	92K 052 0.0 59	1993-03-01	4	0.0	6		11	14		
FTML	DCR	92K 052 0.0 59	1993-03-01	5	0.0	6		11	14		
FTWL	DCR	92K 005 0.0 12	1988-03-01	1	59.1	0		0	0		
FTWL	DCR	92F 085 0.0 4	1989-03-01	A	3.5	0		0	0		
FTWL	DCR	92F 057 0.0 6	1995-09-01	A	2.9	0		0	0		
FTWL	DCR	92F 057 0.0 6	1995-09-01	B	11.8	0		0	0		
FTWL	DCR	92F 057 0.0 6	1995-09-01	C	3.4	0		0	0		
FTWL	DCR	92K 015 0.0 8	1992-11-01	1	21.8	0		0	0		
FTWL	DCR	92K 015 0.0 16	1996-02-01	2	2.0	0		0	0		
FTWL	DCR	92K 015 0.0 16	1996-02-01	3	1.6	0		0	0		
FTWL	DCR	92K 015 0.0 16	1996-02-01	5	2.6	0		0	0		
FTWL	DCR	92F 066 0.0 1	1994-01-01	1	12.6	0		0	0		
FTWL	DCR	92F 085 0.0 7	1994-02-01	A	8.1	0		0	0		
FTWL	DCR	92F 085 0.0 7	1994-02-01	B	4.6	0		0	0		

RESULTS Learnline Training Session Handout

i) DAT002-Silviculture Openings with Harvest Start Date and ATU (Activity), but No Forest Cover

This report is intended to assist in data clean-up. Legislation requires that when harvesting is complete, disturbance report is submitted with an update of forest cover for the opening. This report identifies those openings that have harvesting complete but has no associated forest cover. Missing forest cover submission would cause over-estimation of timber volumes which does not exist.

Any records that have outstanding basic silviculture obligations that appear in this report should be reviewed and corrected, as needed.

DAT002 - ISIS Openings with Harvest Start Date and ATU But No Forest Cover
Business Description:

Region/District*:	(DCR).....Campbell River Forest Dis
Licence #:	
Open Category*:	-All
Format:	Acrobat PDF

RESULTS Learnline Training Session Handout

**Ministry Of Forests
RESULTS Openings
with Disturbance Start Date and ATU
But No Forest Cover**

Page: Page 1 of 135
 Date Printed: 2005-08-25 12:52:39
 User Id: idr/rmtsci
 Database: DBQ01
 Report Id: DAT002
 File:

District: Campbell River Forest District (DCR)

Licence:

Open Category: ALL

<u>Open</u> <u>Cat</u>	<u>Dist</u>	<u>Opening</u>	<u>Commence</u> <u>Date</u>	<u>ATU</u>	<u>Base</u>	<u>Tech</u>	<u>Meth</u>	<u>ATU Comm</u> <u>Date</u>	<u>NP</u>	<u>NSR</u>	<u>IMM</u>	<u>Other</u>
FG	DCR	92L 070 0.0 20	1984-08-01	928764	SU	BR	PLOT	2001-10-18	6.0	60.0	120.0	0.0
FG	DCR	92L 070 0.0 20	1984-08-01	-378440009	SU	FG	HELLI	1995-11-04	6.0	60.0	120.0	0.0
FG	DCR	92L 070 0.0 20	1984-08-01	-378440008	SU	RG	PLOT	1988-09-01	6.0	60.0	120.0	0.0
FG	DCR	92L 070 0.0 21	1984-08-01	928765	SU	BR	PLOT	2001-10-18	6.0	39.0	78.0	0.0
FG	DCR	92L 070 0.0 21	1984-08-01	-378430009	SU	FG	HELLI	1995-11-04	6.0	39.0	78.0	0.0
FG	DCR	92L 070 0.0 21	1984-08-01	-378430008	SU	RG	PLOT	1988-10-01	6.0	39.0	78.0	0.0
FG	DCR	92L 070 0.0 22	1985-11-01	-378420009	SU	FG	HELLI	1995-11-04	4.0	30.0	90.0	0.0
FG	DCR	92L 070 0.0 22	1985-11-01	-378420008	SU	RG	PLOT	1988-10-01	4.0	30.0	90.0	0.0
FG	DCR	92L 070 0.0 25	1972-08-01	-378390009	BR	CG	FRILL	1984-09-01	0.0	0.0	35.0	0.0
FG	DCR	92L 070 0.0 25	1972-08-01	-378390008	SU	FG	PLOT	1987-05-01	0.0	0.0	35.0	0.0
FG	DCR	92L 070 0.0 25	1972-08-01	-378390007	SU	BR	PLOT	1984-02-01	0.0	0.0	35.0	0.0
FG	DCR	92L 070 0.0 3	1960-10-01	-378380012	BR	CG	FRILL	1984-08-01	5.0	148.0	107.0	0.0
FG	DCR	92L 070 0.0 3	1960-10-01	-378380011	SU	FG	PLOT	1988-07-01	5.0	148.0	107.0	0.0
FG	DCR	92L 070 0.0 3	1960-10-01	-378380010	SU	BR	PLOT	1984-02-01	5.0	148.0	107.0	0.0
FG	DCR	92L 070 0.0 3	1960-10-01	-378380009	SU	JS	PLOT	1982-08-01	5.0	148.0	107.0	0.0
FG	DCR	92L 070 0.0 3	1960-10-01	-378380008	SU	RG	PLOT	1977-08-01	5.0	148.0	107.0	0.0
FG	DCR	92L 070 0.0 3	1960-10-01	-378380007	SU	RG	PLOT	1971-08-01	5.0	148.0	107.0	0.0
FG	DCR	92L 070 0.0 9	1977-05-01	-378290021	BR	CG	BPACK	1992-08-01	13.0	195.0	336.0	0.0
FG	DCR	92L 070 0.0 9	1977-05-01	-378290019	PL	PL	CTAIN	1981-03-01	13.0	195.0	336.0	0.0
FG	DCR	92L 070 0.0 9	1977-05-01	-378290017	FL	PL	CTAIN	1980-03-01	13.0	195.0	336.0	0.0
FG	DCR	92L 070 0.0 9	1977-05-01	-378290016	SP	BU	BROAD	1979-10-01	13.0	195.0	336.0	0.0
FG	DCR	92L 070 0.0 9	1977-05-01	-378290015	SU	FG	HELLI	1996-10-09	13.0	195.0	336.0	0.0
FG	DCR	92L 070 0.0 9	1977-05-01	-378290014	SU	BR	PLOT	1988-03-01	13.0	195.0	336.0	0.0
FG	DCR	92L 070 0.0 9	1977-05-01	-378290013	SU	FG	PLOT	1987-05-01	13.0	195.0	336.0	0.0
FG	DCR	92L 070 0.0 9	1977-05-01	-378290012	SU	PL	PLOT	1981-08-01	13.0	195.0	336.0	0.0
FG	DCR	92L 070 0.0 9	1977-05-01	-378290011	SU	PL	PLOT	1980-08-01	13.0	195.0	336.0	0.0
FG	DCR	92L 070 0.0 9	1977-05-01	-378290010	SU	SU	PLOT	1982-08-01	13.0	195.0	336.0	0.0
FG	DCR	92L 070 0.0 9	1977-05-01	-378290009	SU	RG	PLOT	1982-08-01	13.0	195.0	336.0	0.0
FG	DCR	92L 070 0.0 9	1977-05-01	-378290008	SU	RG	PLOT	1979-08-01	13.0	195.0	336.0	0.0
FG	DCR	92L 070 0.0 6	1960-10-01	-378280010	SU	RG	PLOT	1982-08-01	0.0	89.0	82.0	0.0
FG	DCR	92L 070 0.0 6	1960-10-01	-378280009	SU	JS	PLOT	1982-08-01	0.0	89.0	82.0	0.0
FG	DCR	92L 070 0.0 6	1960-10-01	-378280008	SU	RG	PLOT	1971-08-01	0.0	89.0	82.0	0.0

Note that example is based on test data. This report provides all associated activities for a given opening; but it is the opening that does not contain any forest cover. Future enhancements will reduce having to repeat multiple activities and just display one record per opening only.

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j) Changes in the Not Satisfactorily Restocked Land

Changes in the Not Satisfactorily Restocked table has been used by the Ministry to track the changes in the NSR statistics for basic obligations and non-basic obligations areas (eg. Pre-87, Fire and Pest areas). More recently, statistics from this table are used to generate the Ministry Service Plan's – Ratio of reforested to the area reforested to area harvested or loss to fire and pest. These statistics are also used as a performance indicator for Forest for Tomorrow for tracking reforestation of non-basic obligation areas that were burned or affected by mountain pine beetle.

This report has been modified so that it can be run by variety of organizational units, client, management unit, and/or by licence combinations.

Mandatory fields are the land status date fields.

Changes in Not Satisfactorily Restocked Crown Land

Business Description:

This report can be run for the province, region, district, TSO, client, management unit, and/or licence for a specified time range. This report provides a summary of the total areas that are NSR (not satisfactorily restocked) with details on the where the additions and reduction in areas are attributed from. When run by province and by fiscal year, it serves as one of the key performance indicators for the Ministry's Service Plan.

Org Unit:	(DCR).....Campbell River Forest District
TSO:	-ALL-
Client Number:	
Client Location:	
Management Unit:	-ALL-
Licence No:	
Land Status Date From: (YYYY-MM-DD)*:	2003-04-01
Land Status Date To: (YYYY-MM-DD)*:	2004-03-31
Format:	Acrobat PDF
<input type="radio"/> View the report online. (This report may take time to display)	
<input checked="" type="radio"/> Email this report to me	
<input type="radio"/> Email a link to this report to me	
<input type="text" value="mtsoi@shaw.ca"/>	
<input type="button" value="Generate Report"/>	

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Version:CR#114

Changes in the Not Satisfactorily Restocked (NSR) Crown Land

From: 2003-04-01
To: 2004-03-31

Page: Page 1 of 1
Date Printed: 2005-08-25
User Id: idr/miso
Database: DB001
Report Id: RESULTSR004
File:

Org Unit: 43 - Campbell River Forest District
TSO: All
Management Unit: All
Client:
Licence:

RESPONSIBILITY	Land Status Date (From): 2003-04-01				Land Status Date (To): 2004-03-31		Totals
	BACKLOG (2)		CURRENT REFORESTATION (3)				
	MINISTRY	MINISTRY	MINISTRY	BCTS (9)	MAJOR LICENSEES		
	PRE-82	1982-87	POST-87 (OCT 1/87)	POST-88 (JAN 1/88)	POST-87 (OCT 1/87)		
hectares							
TOTAL NSR AS OF 2003-04-01	0.90	9.20	0.00	24.00	13,106.40	13,140.50	
Additions in NSR due to:							
Harvesting (4)	0.00	0.00	0.00	0.00	1,142.60	1,142.60	
Fire (5)	0.00	0.00	0.00	0.00	0.00	0.00	
Pests (5)	0.00	0.00	0.00	0.00	0.00	0.00	
Other Disturbances (6)	0.00	0.00	0.00	60.20	71.30	131.50	
Plantation Failure	0.00	0.00	0.00	0.00	0.00	0.00	
Natural regeneration failure	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL ADDITIONS TO NSR	0.00	0.00	0.00	60.20	1,213.90	1,274.10	
Reductions in NSR due to:							
Planting (7)	0.00	0.00	0.00	20.60	583.00	603.60	
Natural regeneration	0.00	0.00	0.00	0.00	9.60	9.60	
Reclassification of NSR to NP (8)	0.00	0.00	0.00	0.00	2.60	2.60	
TOTAL REDUCTIONS TO NSR	0.00	0.00	0.00	20.60	595.20	615.80	
DIFFERENCE (10)	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL NSR AS OF 2004-03-31	0.90	9.20	0.00	63.60	13,725.10	13,798.80	
NET INCREASE IN NSR	0.00	0.00	0.00	39.60	618.70	658.30	

(1) Includes accomplishments under all funding sources.

Ministry annual reporting is based on data in ministry information systems as of 2003-08-25.

Where data entry is incomplete or delayed, numbers reported may under estimate actual accomplishments.

(2) Backlog obligation categories are based on the responsibility for reforestation to a free growing stage.

Ministry, Pre-82: A large portion of good and medium sites in this obligation category was treated under FRDA I (1985-90).

Ministry, 1982-87, All Sites: Includes areas under the Small Business Enterprise Program (out prior to January 1, 1985), and areas of Major Licensees (out prior to October 1, 1987). Together with the Ministry Pre-82 areas, these areas are considered "outstanding obligations" for treatment under the Backlog Reforestation program, funded by Forest Renewal B.C. as of August 1990.

(3) Current obligation categories are based on the responsibility for reforestation to a free growing stage, by law, within an acceptable period of time.

Ministry, Post-87, All Sites: The Ministry remains responsible for basic silviculture on all areas denuded by fire or pests.

BCTS, Post-88, All Sites: Basic silviculture on all areas denuded by SBFEP after January 1, 1988 is funded by the SBFEP account, and implemented by the Ministry of Forests.

Major Licensees, Post-87, All Sites: Basic silviculture on areas denuded by major licensees after October 1, 1987 is funded by major licensees.

Licensees have approximately six to seven years to reach the basic silviculture requirement through natural regeneration, or about three to four years through planting, as specified in the silviculture prescription or site plans.

(4) NSR resulting from logging is the net area to be reforested after harvest (excluding roads, landing and other non-productive areas).

(5) Openings caused by fire or pests refer to incidence in mature timber or in areas already classified as free growing.

Fire and pest incidence prior to free growing is considered plantation or natural regeneration failure.

(6) "Other Disturbances" includes all disturbances that are not caused by Harvesting, Fire, or Pest, and also include any opening for which there are no disturbances.

(7) Area planted does not equal the statistics reported to the Service Plan tables: Total Silviculture Accomplishments on Crown Land by All Sources and Area Planted by Responsibility due to replants and fill plants that do not affect NSR status.

(8) NP is non-productive land. Reclassification to NP is due to roads, landing, swamps, rock outcrops, etc.

(9) Small Business Forest Enterprise Program (SBFEP) was changed to BC Timber Sales (BCTS) as of April 1, 2003.

(10) Differences are used to compensate for records that have missing or incomplete disturbance information that have records not reflected in the reported NSR statistics.

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k) Achievement of Free Growing Obligations Under the Forest Stand Management Fund

This report reports out for the Ministry Service Plan – Percent Achievement of Ministry Free Growing Obligations.

Achievement of Ministry Free Growing Obligations Under Forest Stand Management Fund

Business Description:

This report summaries areas managed under the Forest Stand Management Fund with details on the number of openings, standards units, net area to be reforested and how much have achieved free growing by harvest year. This report is one of the key performance indicators for the Ministry's Service Plan.

Org Unit:

Disturbance Start Date From (YYYY-MM-DD):*

Disturbance Start Date To (YYYY-MM-DD):*

Format:

View the report online. (This report may take time to display)

Email this report to me

Email a link to this report to me

RESULTS Learnline Training Session Handout



Version: 02_02_13

Achievement of Ministry Free Growing Obligations Under Forest Stand Management Fund

Page: 1 of 1
Date Printed: 2005-08-25
User Id: idir\mtsoi
Database: DBP01
Report Id: RESULTSR003
File:

Org Unit: All

Disturbance Start Date (From): 1988-01-01

Disturbance Start Date (To): 2004-03-31

<u>Harvest Year</u>	<u>No. Of Openings</u>	<u>No. Of Standards</u>	<u>Total Net Area To Be Reforested (ha)</u>	<u>Not Free Growing (ha)</u>	<u>Achieved Free Growing (ha)</u>
1995	13	16	416.9	416.9	0.0
1996	34	52	993.2	993.2	0.0
1997	39	46	942.2	942.2	0.0
1998	49	58	1,489.5	1,489.5	0.0
1999	44	58	1,498.1	1,498.1	0.0
2000	97	148	3,329.2	3,329.2	0.0
2001	49	74	1,811.3	1,811.3	0.0
2002	58	85	1,472.8	1,472.8	0.0
2003	37	54	931.4	931.4	0.0
2004	22	29	545.4	545.4	0.0

End of Report

I) Permanent Access Structures – Summary Report (for Key Outcome Indicator Reporting)


This report is specifically designed to meet Ministry Service Plan – Percent of annual harvest area with soil loss due to the establishment of permanent access roads by region, by province for specific disturbance start dates. It has been designed also to provide a weighted average a duration.


Permanent access structure is based on forest cover submission for area classified as NP UNN (non-productive unnatural areas). The NP UNN area is divided by the total forest cover area for the opening to calculate for the % associated with Permanent Access Structures.


% Permanent Access Structures - Summary Report (for KOI Reporting)

Business Description:

This report calculates the total area removed from the productive landbase for permanent access structures (PAS) summarized by region, by province with an average within a user-specified timeframe. The PAS is divided against all other reported areas within forest cover submission for the opening. Permanent Access Structures is one of the key performance indicators for the Ministry's Service Plan.


Disturbance Start Date From: (YYYY-MM-DD)*: 

Disturbance Start Date To: (YYYY-MM-DD)*: 

Format: 

View the report online. (This report may take time to display)

Email this report to me



RESULTS Learnline Training Session Handout



Version: CR#114

% Permanent Access Structures - Summary Report (for KOI Reporting)

Page: 1 of 1
 Date Printed: 2005-08-25
 User Id: idr/mtsol
 Database: DBP01
 Report Id: RESULTSR002
 File:

Disturbance Start Date (From): 1999-04-01

Disturbance Start Date (To): 2003-03-31

<u>Disturbance</u>								
<u>Start Fiscal</u>	<u>Region</u>	<u>NP (Unn)</u>	<u>NP (Other)</u>	<u>NSR Total</u>	<u>SR Total</u>	<u>MAT Total</u>	<u>Gross Area</u>	<u>%PAS</u>
2000	RCO	1,558	272	4,776	20,596	3,707	30,909	5.0
	RNI	3,201	620	6,431	58,297	9,083	77,631	4.1
	RSI	4,440	450	19,983	65,475	12,557	102,904	4.3
	BC	9,199	1,342	31,190	144,368	25,347	211,444	4.4
2001	RCO	1,572	308	7,200	15,856	5,040	29,976	5.2
	RNI	2,704	628	8,257	49,588	8,427	69,605	3.9
	RSI	3,906	412	27,401	49,257	12,198	93,174	4.2
	BC	8,182	1,348	42,858	114,701	25,665	192,754	4.2
2002	RCO	1,057	168	8,329	9,185	3,618	22,337	4.7
	RNI	2,340	396	16,200	41,577	8,757	69,270	3.4
	RSI	3,476	502	31,734	90,206	9,568	135,487	2.6
	BC	6,873	1,066	56,263	140,948	21,943	227,084	3.0
2003	RCO	1,364	275	14,038	6,387	4,854	26,917	5.1
	RNI	1,847	264	21,818	27,979	6,170	58,078	3.2
	RSI	3,133	364	61,239	26,620	99,621	191,177	1.6
	BC	6,344	903	97,095	60,986	110,645	276,172	2.3

Average from 1999-04-01 to 2003-03-31 (as specified by user in parameters)

RCO	5.0
RNI	3.7
RSI	2.9
BC	3.4

End of Report

m) Free Growing Assessment Extract – csv extract only

This report was built to assist in providing detailed information associated to FG declared SU as selected by users.

The first portion assists in limiting the number of openings/SU that meets specified requirements such as late FG due date, declared date and/or received dates.

The second part of the report provides check boxes to indicate the types of desired information to display in the CSV extract. These were identified as typical variables of interest in assisting in generating a risk assessment.

Given that some business areas does not relate well to others, often duplicate rows will appear (eg. activity information with forest cover for the same opening as there is no direct linkages).

Note that this is a complex report and can take a while to generate depending on the number of check boxes selected.

At this point, we are seeking input from operational staff on how they envision using this report to make improvements as the size of the outputs can be very large due to the many-to-many relationships.

No actual data is shown in this session. As the CSV file is generated with large amounts of data.

RESULTS Learnline Training Session Handout

[Main Menu](#) : [Silviculture](#) : [RESULTS - Reporting Silviculture and Land Status](#) : [RESULTS CR25 \(New Reports Under Development\)](#)

Free Growing Risk Assessment Extract

Business Description:

This report is designed specifically as a CSV extract. Common variables that are considered for risk assessment for declared free growing standards units. User download the report to other tools to assist in sorting with their risk assessment processes. District staff will then apply their local knowledge to the process. This will reduce requirements to manually transcribe much of the information that is existing in RESULTS. The amount of information potentially a large so it is important to be as specific as possible to ensure you get the information that is required (eg. use dates to narrow scope, select only variables Note that in some cases, there is no "inferential" links and therefore, there are many to many relationships created in the dataset.

First set to limit the scope of reportable openings/SUs

Org Unit: (DCK).....Chilliwack Forest District

TSO: -ALL-

Client Number:

Client Location:

Opening Category: -ALL-

Licence No:

BEC Zone:

BEC SubZone:

Declared*: BOTH

FG Due Date From: (YYYY-MM-DD):

FG Due Date To: (YYYY-MM-DD):

FG Declared Date From: (YYYY-MM-DD): 2000-01-01

FG Declared Date To: (YYYY-MM-DD): 2002-12-31

FG Report Received Date From: (YYYY-MM-DD):

FG Report Received Date To: (YYYY-MM-DD):

Second set to specify what data to display

Check Information to display in CSV File :

Standards: Pref. & Acc. species with Min.heights : Y

Standards: Stocking densities : N

Forest Cover: Inventory forest cover label : N

Forest Cover: Silviculture forest cover label : N

Reported forest health concerns : N

Amendment: N

Last planting, brushing, spacing, FG survey information : N

Format: CSV

- View the report online. (This report may take time to display)
- Email this report to me
- Email a link to this report to me

Generate Report

RESULTS Learnline Training Session Handout

6. RESULTS Report Organization

In blue are new reports.

Data Download Reports (csv only)

- [Biological Regeneration Delay](#)
- RDD001-Opening Report
- RDD002-Standrads Unit Report
- RDD003-Standards Unit Layer Report
- RDD004-Standards Unit Layer Species Report
- RDD006-Activity Report
- RDD007 Planted Species Report
- RDD008-Forest Cover Report
- RDD009-Forest Cover Layer Report
- RDD010-Forest Cover Layer Species Report
- RDD011-Milestone Report
- [Free Growing Risk Assessment - Pending](#)

Performance Indicators

- [% Permanent Access Structures – Summary Report \(for KOI Reporting\)](#)
- [Achievement of Ministry Free Growing Obligations Under Forest Stand Management Fund](#)
- [Changes in Not Satisfactorily Restocked Land - Pending](#)

Milestone Reporting

- ISSAW01-Free Growing Report
- ISSAW01-Regeneration Report
- RDD011-Milestone Report (csv only)
- [Max Density Exceeded \(Pending\)](#)
- [DAT0016-Declared Free Growing Stands with General Forest Cover Information](#)
- [Declared Free Growing Stands with Detailed Standards and Forest Cover Information \(Pending\)](#)

Opening Inquiry Report

- ISSAGM01-Opening Details Report
- RDD001-Opening Report (csv only)
- [% Permanent Access Structures – Opening Report - Pending](#)
- [Wildlife Tree Retention - Pending](#)

Standards and Approvals

- RDD012-FDP&FSP Standards Report

Data Clean-up

- [DAT001-Silviculture Openings with Missing NAR Areas, Regen or Late FG Year - Pending](#)
- [DAT002-Silviculture Openings with Harvest Start Date and ATU, but No Forest Cover - Pending](#)

7. Help and Resources Available

Where to Find Help?

On-line Help Menu

Self-Study Reporting Workbook

<http://www.for.gov.bc.ca/his/results/ReportWorkbook.pdf>

Business Application Support

Via phone: 387-8888

Via email in-house: APPHELP

Via email out-of-service: FORHISP.APPHELP@gems5.gov.bc.ca

Supplemental Documents

RESULTS Main Website – key documents

<http://www.for.gov.bc.ca/his/results/>

Industry Guide to Preparing and Making Submission of RESULTS Reports through the Electronic Submission Framework

<http://www.for.gov.bc.ca/his/results/IndustryGuide.pdf>

Data standards related to XML submission ESF xml

http://www.for.gov.bc.ca/his/esf/index_ressub.htm

BC Mapping Standards for Use in RESULTS Submissions

http://www.for.gov.bc.ca/his/results/Silv_Map_Stand.pdf