

Strategic Clean up of Key Corporate Information in RESULTS



· Application Home

RESULTS

Search Inbox Openings Data Submission Admin Event Tracking Reports

UserName: IDIR\MTS01 Environment: PROD Version: 02.03.00

W
Welcome to the RESULTS System

2006-01-30

RESULTS(Reporting Silviculture Updates and Landstatus Tracking System) is a web-based application that provides clients and government staff direct on-line access to Provincial spatially enabled silviculture information. RESULTS will track and report silviculture accomplishments, administer approved stocking standards and evaluate free-growing progress on obligations.

Presented by Mei-Ching Tsoi

July 24, 2007

Agenda



- Introduction – Caroline MacLeod
- Overview of Project – Scott Killam
- Project Scope & Details – Mei-Ching
- Discussion, Questions & Answers - All

Missing data impacts



- ❖ Potential for other related opening submission failure
- ❖ Inaccurate reporting of Key Performance Indicator
- ❖ Incomplete information to monitor for basic obligations
- ❖ Incomplete information reflected in Vegetation Inventory
- ❖ Downstream inaccurate data impacts Timber Supply Review

RESULTS – Scope



Fix critical missing data that has impacts on Ministry's need:

- ❖ Ministry's Service Plan for Key performance indicators
- ❖ Impacts on compliance reporting (what & when)
- ❖ Missing cutblocks or missing FC maps in RESULTS lead to potential over-estimate of volume in vegetation inventory

RESULTS – Out of Scope



Recognize requirement to align/correct data between RESULT & licensee's information systems.

This require in-depth data review between RESULTS & individual licensee's that is very involved. Limited \$ and resources limit.

Data Clean up & Quality Assurance Processes



Missing Data & Systems Review of Edits

- Historical data clean up – missing data in high priority areas (DSP & Districts)
- Review all systems checks are in place to ensure data completeness via ESF RESULTS submission – safeguard from future issues (MoFR)
- Development of Ministry process for data accuracy confirmation (MoFR)

Other Processes & Linkages



BCTS is embarking own internal GENUS data clean up initiative

BCTS impacted records will be given to HQ BCTS to coordinate from within their program to reduce duplication of efforts.

FTA underwent extensive multi-year clean up initiative. RESULTS is not the same initiative with different resources & budget. Memo on project charter with Exec support was sent June 2007. We seek district & licensee cooperation. There will be varying level of interest, but DSP will be the "do-ers".

Data Clean up Priorities

Tenured openings



Gaps in:

- Openings not in RESULTS, but is in FTA (“LC, “S”)
- Missing SUs (where expected)
- Missing Disturbance reporting (where expected)
- Forest cover (where expected)
- Key information absent from
 - Standards Units (NAR, RG, EFG, LFG)
 - Disturbance Reporting

Actions required for:

- “Inbox” impacting other submissions

Historical Data Clean up Priorities

Tenured openings



Remove Records in RESULTS where:

- Block status is DD, EE, HX
- Planning status is PE, PD, PL, PP(legacy of SBFEP/BCTS in ISIS)



Tenured Openings Requiring Action

FTA Cutblocks "L" or "S" and not in RESULTS Opening in RESULTS	=	6,067
No SU, Disturbance, and/or Forest Cover Reporting	=	8,774
Missing Key Info in Silviculture Prescriptions or Site Plan	=	3,865
Missing Harvest Start Date or Disturbance Code	=	179
RESULTS Openings Entry Error, Deleted, or Cancelled Blocks	=	2,131
RESULTS Openings Planned Blocks	=	439

Data Usage



Version: CR#114

Changes in the Not Satisfactorily Restocked (NSR) Crown Land

From: 2006-04-01
To: 2007-03-31

Page: Page 1 of 1
Date Printed: 2007-05-30
User Id: IDIRIMTSOI
Database: DBP01
Report Id: RESULTSR004
File:

Org Unit: All
TSO: All
Management Unit: All
Client:
Licence:

Land Status Date (From): 2006-04-01

Land Status Date (To): 2007-03-31

RESPONSIBILITY	BACKLOG (2)		CURRENT REFORESTATION (3)			Totals
	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)	
TOTAL NSR AS OF 2006-04-01	112,551.10	59,269.50	43,755.80	44,126.90	395,332.10	655,035.40
Additions in NSR due to:						
Harvesting (4)	63.10	15.50	798.40	24,912.60	150,286.00	176,075.60
Fire (5)	11.70	0.00	4,791.00	0.00	178.10	4,980.80
Pests (5)	0.00	0.00	943.70	2.20	1,438.60	2,384.50
Other Disturbances (6)	85.60	0.00	464.20	158.60	6,314.50	7,022.90
Plantation Failure	427.70	507.30	289.50	200.00	2,972.90	4,397.40
Natural regeneration failure	654.40	103.90	24.00	134.20	170.90	1,087.40
TOTAL ADDITIONS TO NSR	1,242.50	626.70	7,310.80	25,407.60	161,361.00	195,948.60
Reductions in NSR due to:						
Planting (7)	362.40	486.50	2,504.90	12,329.10	111,234.70	126,917.60
Natural regeneration	147.80	106.00	945.40	1,640.50	18,592.30	21,432.00
Reclassification of NSR to NP (8)	137.90	75.60	569.10	614.20	4,661.20	6,058.00
TOTAL REDUCTIONS TO NSR	648.10	668.10	4,019.40	14,583.80	134,488.20	154,407.60
DIFFERENCE (10)	-13.90	-22.10	26.40	85.40	-411.30	-335.50
TOTAL NSR AS OF 2007-03-31	113,131.60	59,206.00	47,073.60	55,036.10	421,793.60	696,240.90
NET CHANGE IN NSR	580.50	-63.50	3,317.80	10,909.20	26,461.50	41,205.50

Disturbance Code used to determine Addition method

NSR – uses Land Status

Information based off Forest Cover

Data Usage – RG, FG, Milestone Report Stewardship & Monitoring Role



Org Unit: DCH - Chilcotin Forest District
 Client Number:
 Client Name:
 Licence:
 Opening Category: FTFSM

Due Start Date:
 Received Start Date:
 Declare Ind: N

Regeneration Report

Page: Page 1 of 7
 Date Printed: 2007-02-08 19:14:29
 User Id: IDIR\MTSOI
 Database: DBP01
 Report Id: ISSAWM01
 File:

- SUs declared in ISIS will have a default of '2003-11' Regeneration Declaration Received date.
- *Months Left refers to the number of months remaining from the regeneration 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: DCH
 Licensee: 00075159 00 YUN KA WHUTEN HOLDINGS LTD. District: DCH

Licence	Open Cat.	Timber Mark	Cut Block	Opening ID	Map Ind	Line work	Gross Area	SU	BEC	NAR	Dist/Comm Date	Months Left*	Regen Due	Regen Declared	Regen Received	Received Userid	A m d
A55903	FTFSM	GA1030	6	92N 095 0.0 10 102859	Y	ROSC	81.4	1	ESSF xv 1 01	81.4	2001-09-01		2008-09				A
								2	ESSF xv 1 07	0.0	2001-09-01		2008-09		A		
								3	ESSF xv 1 08	0.0	2001-09-01		2005-09		A		
A55903	FTFSM	GA1035	8	93C 014 0.0 10 100915	Y	ROSC	15.7	2	SBPS xc 02	3.2	2003-01-01		2010-01				N
A55903	FTFSM	GA1035	5	93C 014 0.0 13 100806	Y	ROSC	5.0	1	SBPS xc 01	1.5	2001-06-01		2008-06				N
								2	SBPS xc 02	1.9	2001-06-01		2008-06		N		
A55903	FTFSM	GA1035	4	93C 014 0.0 14 100805	Y	ROSC	13.9	1	SBPS xc 01	7.0	2003-01-01		2010-01				N
								2	SBPS xc 02	5.9	2003-01-01		2010-01		N		
A55903	FTFSM	GA1035	2	93C 014 0.0 15 100895	Y	ROSC	18.6	1	SBPS xc 01	5.8	2003-01-01		2010-01				N
								2	SBPS xc 02	4.5	2003-01-01		2010-01		N		

Missing Cutblocks or Missing SU – will not appear on this report

Missing SU data impacts – how much & when

Missing Harvest Start Date impacts - when

Type – “LC” or “S” Cutblocks



Application Home

Forest Tenure Administration (FTA)

Search Inbox Tenures Private Marks Recreation Admin

Tenure CP/Mark Cut Block Assoc. Files Assoc. Client AAC Sale Info Tenure Appl. Notes

G Rotation H Rotation Cpv Rotation TL Blk CP/CB Amend. Rec Project Sctn\Brnch Road History

FTA904 - Cut Block Detail

File:	A19208	Type:	A01 - Forest Licence	Admin Org:	RCO - Coast Forest Region
CP/HVA ID:	49	File Status:	HI - Issued	As of:	1982-09-16
Cut Block:	SAL001	Award Date:	1982-09-16	Expiry Date:	2013-09-15
Licensee:	00001271 00 CANADIAN FOREST PRODUCTS LTD.				

Back Back To Search Add New

Mark:	EW4049	District:	DCK - Chilliwack Forest District		
Mark Status:	HC - Closed	Location:	FTA Data Cleanup		
Issue Date:	2003-03-05	Mark Term:	3 yr 0 mo	Expires:	2006-03-04
Area (ha):	56.3169	Salvage Type:			
Total Logged Area (ha):	56.3000				

Map View

Cut Block:	SAL001	Status:	LC - Logging Complete	As of:	2006-12-12
				Cut Regulation:	

Planned Harvest:

Gross Area (ha):	56.3169	Net Area (ha):	56.3168	Start Date:	1999-07-24
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Actual Harvest:

Logged Area (ha):	56.3000	Start Date:	1999-07-24	Complete Date:	2006-05-07
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SP Exempt: No Opening:

Block Description:

Cutblocks that are “LC” or “S” in FTA not In RESULTS

Total Blocks = 6,067

Require work with districts to locate information, contact licensees to submit or load information

Service Providers will be granted FTA View role to investigate

Type – Missing Entire SU



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](#)

• No records found.

Org Unit: Status: APP - Approved

Client: Name: FAASSE, ALLAN KEITH

Opening: Opening Id: Licensee Opening Id:

Licence No: CP: Cut Block: Timber Mark:

Exhibit A Area (ha): 2.0 Disturbance Gross Area (ha): 15.0 NAR (ha): 0.0 Forest Cover Area (ha): 0.0

RESULTS310 - Stocking Standards

1 of 1

SU: Net Area To Be Reforested (ha): Expiry Date:

Max Soil Disturbance: Comment:

Standards ID: Standards Name: Amended:

Attachment:

BGC Zone	BGC Subzone	Variant	Phase	Site Series	Site Phase	Seral
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Regen Early Late

Regen Obligations:

No Regen Obligations:

Additional Standards:

Layer	Species Ht(m)		Well Spaced Trees (st/ha)				Basal Area	Post Spacing Density(st/ha)		Max Conif (st/ha)	Ht To Comp
	Preferred	Acceptable	Target	Min	Min Pref	Min Hz(m)		Min	Max		

Openings with No SUs = 1,302

ESF - Load Entire SU(s) with Map



Type – Missing Disturbance Activity

• 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](#)

• No records found.

Org Unit:	<input type="text" value="DCK - Chilliwack Forest District"/>	Status:	APP - Approved		
Client:	<input type="text" value="AATRAD"/> <input type="text" value="00"/> <input type="button" value="..."/>	Name:	A & A TRADING LTD.		
Opening:	<input type="text" value="92H"/> <input type="text" value="053"/> <input type="text" value="0.0"/> <input type="text" value="43"/>	Opening Id:	<input type="text" value="67785"/> <input type="button" value="..."/>	Licensee	<input type="text"/>
Licence No:	<input type="text" value="A19203"/>	CP:	<input type="text" value="82"/>	Opening Id:	<input type="text"/>
Exhibit A Area (ha):	25.9	Disturbance Gross Area (ha):	25.9	Cut Block:	<input type="text" value="H"/> Timber Mark: <input type="text" value="EA3082"/>
		NAR (ha):	21.5	Forest Cover Area (ha):	0.0
					<input type="button" value="Go"/> <input type="button" value="Clear"/> <input type="button" value="SP Map"/> <input type="button" value="Map View"/> <input type="button" value="History"/> <input type="button" value="FTA"/>

Openings with No Disturbance = 3,318

RESULTS315 - Activities

•Feedback •Disclaimer •Privacy •Copyright

Enter Online - Entire Missing Disturbance Activity (no map required)

Type – Missing FC



• Application Home

RESULTS

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

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• No records found.

Org Unit: Status: APP - Approved

Client: Name: CANADIAN FOREST PRODUCTS LTD.

Opening: Opening Id: Licensee Opening Id:

Licence No: CP: Cut Block: Timber Mark:

Exhibit A Area (ha): 0.6 Disturbance Gross Area (ha): 0.0 NAR (ha): 0.6 Forest Cover Area (ha): 0.0

[RESULTS320 - Forest Cover Summary](#)

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

Openings with No Forest Cover =7,872

Opening Gross Area = 205,300 ha not reflected in Inventory Maps

SP Exempt are in scope for tracking to be consistent to current SSS Post Harvest Reporting Requirements

ESF - Load Entire FC with Map

Type – Missing SU Info (NAR, RG, EFG, and/or LFG Offsets)



Application Home

RESULTS

Search | Inbox | Openings | **Projects** | Data Submission | Admin | Event Tracking | Reports

Opening Inquiry | Multi-Tenure | Stocking Standards | Projects Search | Maintain Project | Projects | Forest Cover | Milestones | Land Status | Attachments

Org Unit: Status: APP - Approved

Client: TEAL 00 Name: TEAL CEDAR PRODUCTS LTD.

Opening: 92H 083 0.0 68 Opening Id: 4714 Licensee
Opening Id:

Licence No: A19201 CP: 90 Cut Block: E114 Timber Mark: EA1090

Exhibit A Area (ha): 42.3 Disturbance Gross Area (ha): 39.0 NAR (ha): 38.0 Forest Cover Area (ha): 42.3

RESULTS310 - Stocking Standards 4 of 4

SU: 4 Net Area To Be Reforested (ha): 1.5 Expiry Date:

Max Soil Disturbance: 5% Comment: N

Standards ID: Standards Name: Amended: Y

Attachment: N

BGC Zone	BGC Subzone	Variant	Phase	Site Series	Site Phase	Seral
IDF	ww			03	02	

Regen Early Late

Regen Obligations:
No Regen Obligations:
Additional Standards: No

Layer	Species Ht(m)		Well Spaced Trees (st/ha)				Basal Area	Post Spacing Density(st/ha)		Max Conif (st/ha)	Ht To Comp
	Preferred	Acceptable	Target	Min	Min Pref	Min Hz(m)		Min	Max		
I - Inventory Layer	FDC/1.5, PLC/2	BG/2	600	200	200	2					

Openings with Missing SU Info = 3,865

Silv Prescription – Use “Correction” to enter missing NAR/Offsets

Site Plans – Will have to provide details of missing data for datafix (no correction under Site Plan)

If Declaration has been made will require missing details for datafix

Type – Missing Harvest Start Date & Disturbance Code



Application Home

RESULTS

Search Inbox Openings Projects Data Submission Admin Event Tracking R

Opening Inquiry Multi-Tenure Stocking Standards Activities Projects Forest Cover

Org Unit: DND - Nadina Forest District Status: APP - Approved

Client: CANFOR 26 Name: CANADIAN FOREST PRO

Opening: 93F 042 0.0 833 Opening Id: 87573

Licence No: A16824 CP: 401

Exhibit A Area (ha): 6.5 Disturbance Gross Area (ha): 6.0 NA

RESULTS301 - Opening Inquiry

Opening: 93F 042 0.0 833 Licensee Opening Id:

SP Exempt: Opening Status: APP

Opening Category: Dist Admin Zone:

Tenure Type: A01 - Forest Licence Block Status: S - Silviculture

Admin Forest Org: DND - Nadina Forest District TSB:

Management Unit Type: U - TIMBER SUPPLY AREA Management Unit ID: 14 Lakes TSA

Tenure Admin Org: DND - Nadina Forest District

Original Approval: BABOWERB 1999-11-22 Current Amendment:

Actual Disturbance Start: 2001-11-01

Post Harvest Declared Date:

Regeneration Declared Date: 2002-05-31 Regeneration Offset: 7 Regeneration Due Date: 2008-11 Regeneration Overdue: No

Free Grow Declared Date: Free Grow Offset: 15 Free Grow Due Date: 2016-11 Free Growing Overdue: No

RESULTS316 - Disturbance Results

Back

ATU ID: 746295 Licensee Activity ID:

Actual Base Activity: DN - Denudation Technique: HV - Harvest

Silviculture Systems: System: CLEAR Variant:

Disturbance Start Date (YYYY-MM-DD):

Disturbance End Date (YYYY-MM-DD): 1999-12-01

Disturbance Area(ha): 6.5 Licence Number:

Disturbance Code: L - Logged Cutting Permit:

Cut Block:

Comments: No Disturbance Complete:

Map: No

Missing Disturbance Start Date
Default use of Cut Block Open Admin's - Disturbance Start Date
from derived from some other sources- not accurate
Openings Missing HV Start Date or Disturb Code= 179

Enter online for missing harvest start date and/or disturbance code

Type – HX, DD, EE or Planned Openings



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RESULTS

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

Org Unit: DCS - Cascades Forest District Status: APP - Approved

Client: ARDEW 01 Name: ARDEW WOOD PRODUCTS LTD.

Opening: 921 040 0.0 47 Opening Id: -738310000 Licensee Opening Id:

Licence No: A18622 CP: 11 Cut Block: 2B Timber Mark: WM3011

Exhibit A Area (ha): 0.9 Disturbance Gross Area (ha): 0.0 NAR (ha): 0.8 Forest Cover Area (ha): 0.0

Go Clear SP Map Map View History FTA

RESULTS301 - Opening Inquiry [Opening Summary Report](#)

Back

Opening: 921 040 0.0 47 Licensee Opening Id:

SP Exempt: N Opening Status: APP

Opening Category: FTSBF - Forest Tenure - Small Business Dist Admin Zone: ZA - ZONE A

Tenure Type: A03 - TSL Major, with AAC Block Status: DD - Disallowed by District

Admin Forest Org: DCS - Cascades Forest District TSB:

Management Unit Type: U - TIMBER SUPPLY AREA Management Unit ID: 18 Merritt TSA

Tenure Admin Org: DCS - Cascades Forest District

Original Approval: LISAAC 1994-10-17 Current Amendment:

Actual Disturbance Start:

Post Harvest Declared Date:

Regeneration Declared Date: Regeneration Offset: 7 Regeneration Due Date: Regeneration Overdue: No

Free Grow Declared Date: Free Grow Offset: 15 Free Grow Due Date: Free Growing Overdue: No

Previous Stand Type: MAT - Mature

Previous Timber Type

Species 1: SX - SPRUCE HYBRID Species 2: PLI - LODGEPOLE PINE (INTERIOR)

Age Class: 7 - 121 - 140 Years Height Class: 3 - 19.5 - 28.4 Meters Stocking Class: 1 - Stocking Class 1

Site Index: 0 Site Index Source:

Maximum Allowable Permanent Access: 0 % Gross Area (ha): .9

Last Updated: LJLUCAS 2003-10-29 03:21:29 PM Opening Comments: No

Spatial data exists: N

Openings (HX, DD, EE) = 2,131
 Openings (PE, PD, PL PP) = 439

Will require review at district level to determine status.

Districts can make decision on outcome of opening.

High level guidance



- Minimize transaction cost – visit an opening only once
- Encourage licensees to submit to minimize cost –for missing Blks, SUs, FC
- Adhere to legal processes – Corrections or Data fix; Do not initiate amendments or un-declarations
- Establish cut-off limits per opening by Team to ensure cost-controls (to be determined)
- Maximize number of records corrected – project has fixed budget over 2 year period) – one time sweep through

Logistics



- Data Service Providers
 - Assigned “idir” account with “Update” role.
 - No amendments or un-declarations are to be completed under this project’s scope.
 - Work not able to complete under “Update” role will require district’s assistance and/or datafix.
 - Data fixes will be collected and be completed periodically.
 - Data fixes will use RESULTS XML/GML schema format

Communication & Coordination



- Data Service Providers have been assigned districts. They will directly contact RESULTS Coordinator.
- RESULTS Sharepoint – RESULTS Strategic Clean up Folder has key documentation & scope of records for review
<https://sharepoint.forests.gov.bc.ca/results/default.aspx>

Communication & Coordination



All RESULTS Coordinators & FTA Coordinators will have access to RESULTS Sharepoint

- Three potential group of users per district:
 - Assigned Data Service Provider
 - District RESULTS Coordinator
 - District FTA Coordinator

Baseline records under consideration



- District Spreadsheets-Baseline folder contains files by district (including BCTS)
- Ensure that you are updating the right records as these sheets will be used to track project's progress
- Only information that should be modified are far right-hand columns:
 - Status Code
 - Sign Out Code
 - Comments (text)
- Communications & Procedures section has draft documentation on process

Demo Sharepoint Site & Baseline



- <https://sharepoint.forests.gov.bc.ca/results/default.aspx>

Problems & Issues



- Try to work with Data Service Providers at local level
- If there are any concerns, contact Project Team:
 - Caroline MacLeod - Project sponsor
Caroline.MacLeod@gov.bc.ca
 - Scott Killam - Project manager
Scott.Killam@cqi.com

Final Message



- Executive expressed interest in this initiative and will be monitoring this project via quarterly reports
- Data quality is emerging corporate priority
- Build on good relations between data service providers, district & licensees to expedite & simplify process – less work in the long run