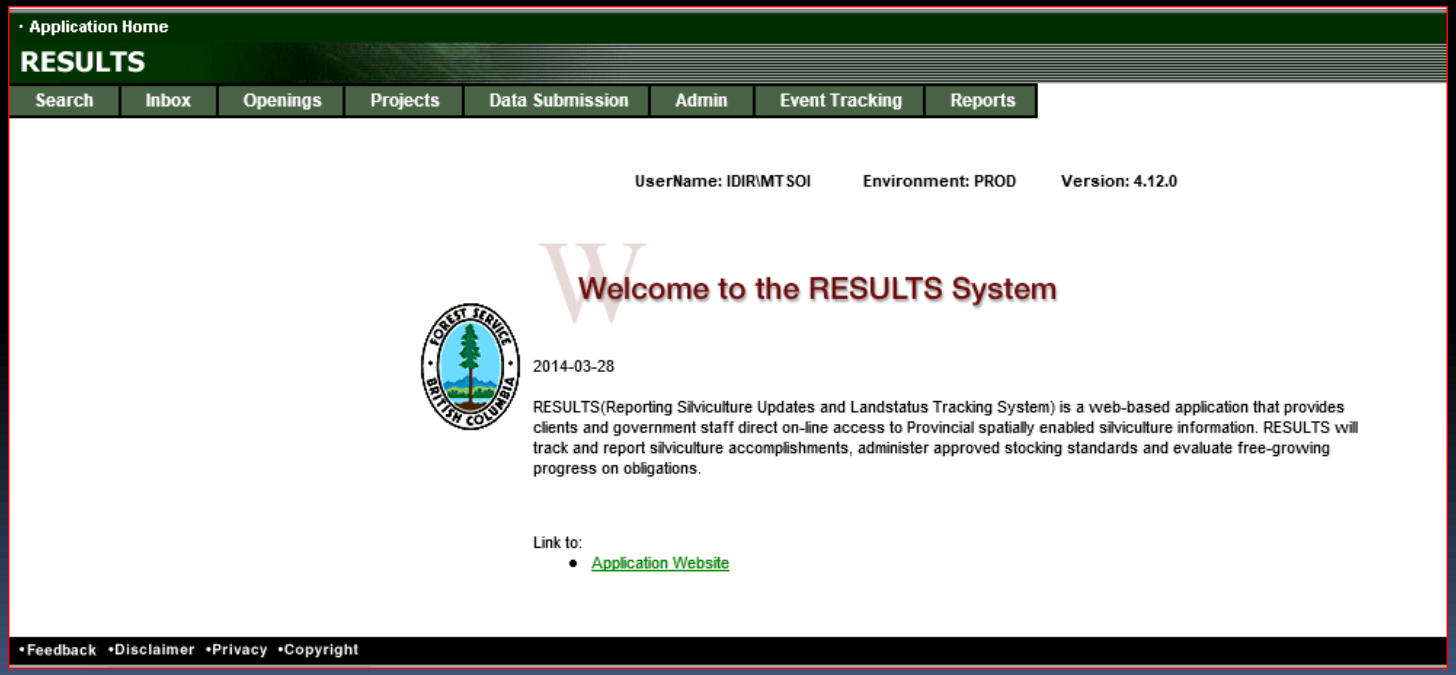
# RESULTS Training

## Core Module 5
## Obligation Reporting
## Standards Unit Modifications-ESF




Sept 2015

# Housekeeping

Ask questions using CHAT

Ensure that you direct to Entire Audience – so everyone can read the question

If there is some else that is sitting in the session but no registered, please add their Name and email on the Evaluation form

Please complete the Evaluation Form – automatically available appears Immediately after session

You will receive email confirmation to a RESULTS Testing website.

If you are a new user  or require access renewal,
you must pass the test in order to obtain your RESULTS access.
Please only complete the test after you completed <u>all</u> required modules
for your required authority.

# Learning Objectives

- Business Guidelines
- Online or ESF Matrix
- Technical documentation references
- ESF Process
- What kind of Plan?
  - Corrections
  - Minor Amendment
  - S197
  - Approved Variation
  - Site Plan Amendment
  - Amendment requiring Approval
  - Inbox Approval
- Auditing SU Modifications
- Help Resources

# Business Guidance

http://www.for.gov.bc.ca/his/results/business.htm

BRITISH COLUMBIA

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Business and Policy Documentation

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Printer Version

## Business and Policy Documentation

The following documents provide information on RESULTS policies and procedures.

Submission Specifications

### Submission Specifications

- CF Memo (RISS-ls) – Provincial memo from Jim Snetsinger, announcing RESULTS Information Submission Specifications: Licensee Submissions, a document that outlines the form and manner of reporting data to RESULTS.
- **NEW** RESULTS Information Submission Specifications: Licensee Submissions (Edition 4) – Edition 4 of the Silviculture Information Submission Guidebook describes submission specifications for electronic submissions to RESULTS via the Electronic Submission Framework;

  Revisions to Edition 4 in response to input received by the Coastal Region Implementation Team (CRIT) and by users via the NRS Service Desk and Resource Practices Branch. **As per direction from the Deputy Minister to make basal area a mandatory requirement, Section 5.7.2.2. has been amended**. Other minor revisions have been implemented in order to increase clarity.

- **NEW** RESULTS Information Submission Specifications: Licensee Submissions (Edition 4 - Memo
- RESULTS Information Submission Specification - gf - Edition 4 - May 2014 **NEW** – Requirements for preparing and submitting information pertaining to government funded silviculture activities (treatments and surveys) to RESULTS.
- Electronic submissions required – Deputy minister letter notifying licensees that all silviculture reports and amendments are to be electronically submitted to the ministry as of June 1, 2005.

Core document that details submission requirements

# Online or ESF Matrix

| Submission Component | ESF | Online |
|---|---|---|
| Opening Definition Tenure & Site Plan Information | Yes | No<br>Opening and Standards Unit Spatial required |
| SU Modifications* | Yes | Conditional<br>Must use ESF where there is changes to Standards Unit (additions, deletions) or changes in spatial. |
| Disturbance | Yes | Yes |
| Silviculture Activity | Yes | Yes<br>Mandatory ESF for government funded activities (FE, JS) |
| Forest Cover * | Yes | No<br>Forest Cover Spatial required |
| Milestone | Yes | Yes |
| s.108 Application | No | Yes |

*** Any spatial requirements must be submitted by ESF**

# Technical Documentation References

http://www.for.gov.bc.ca/his/results/techDocs.htm

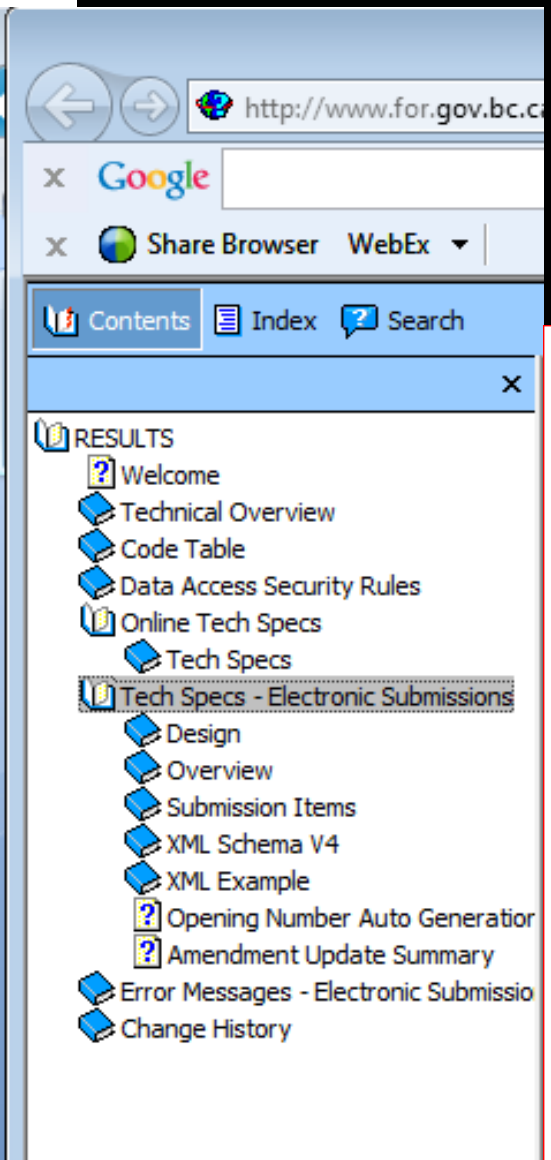
## Technical Documentation

The following documents provide technical information for the RESULTS application and XML submissions.

| | |
|---|---|
| Technical Specifications | Describes the components of a valid RESULTS submission in the order they should appear in the submission document, along with examples.<br><br>Also describes the technical specifications for each screen within the RESULTS application, including screen layout, business rules, field descriptions and database transactions. |
| XML Schemas | Complete set of XML schemas required to validate a RESULTS Submission document. |
| RESULTS Reports | Provides a list of reports available in RESULTS, including a description of each report. |
| Key Controls during Opening Creation - Feb 21, 2013 | This document clarifies RESULTS data interdependencies upon during opening definition (opening creation) via ESF. |

# Technical Documentation ESF Schema References

http://www.for.gov.bc.ca/his/results/techDocs.htm




Tech Specs has ESF Reference with business rules and field specific edits.

Reference is by schema item.

**Data Submission Structure & Validations - Opening Validation - standardRegimeID**

**XML Schema (subset)**

```
<rst:standardsProperty>
  <rst:Standards>
    <rst:standardsUnitID/>
    <rst:netArea/>
    <rst:bgcZone/>
    <rst:bgcSubZone/>
    <rst:bgcVariant/>
    <rst:bgcPhase/>
    <rst:bgcSiteSeries/>
    <rst:bgcSiteType/>
    <rst:maximumAllowableSoilDisturbancePercentage/>
    <rst:standardRegimeID>
  </rst:Standards>
</rst:standardsProperty>
```

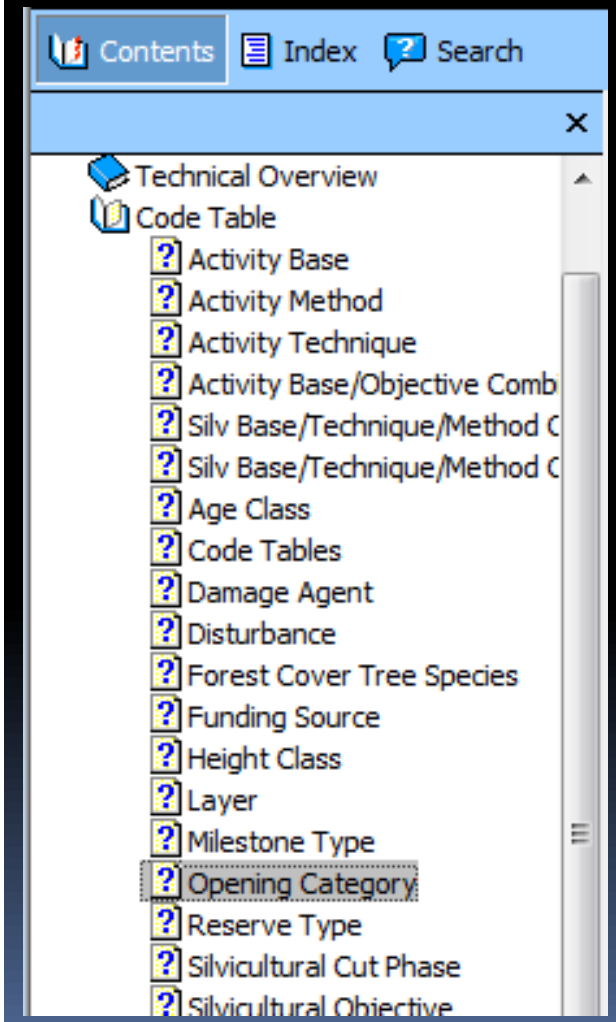
**Field Information**

**standardRegimeID:**

| | |
|---|---|
| Description: | Uniquely identifies the approved stocking standards contained in either forest development plan (FDP) or forest stewardship plan (FSP). |
| Data Type: | NUMBER |
| Total Length: | 7 |
| Data Source: | STOCKING_STANDARD_UNIT.STANDARDS_REGIME_ID |
| Optionality: | Conditional |
| Default Value: | N/A |
| Edit: | N/A |
| Format: | 9999999 |
| Validation: | 1. Must be a valid standards regime id that is approve for use by client and/or org unit, unless it is a Ministry default.<br>2. If the opening is not site plan exempt ("N") then a standards regime id is required. |
| Notes: | 1. Unique identifier for the STANDARD REGIME entry.<br>2. The Standards ID is protected if one of the following cases are met:<br>○ If the Approved Date is less than Dec 17, 2002 OR<br>○ If the Regen Date is less than or equal to the current Year/Month |

# Technical Documentation Codelists

http://www.for.gov.bc.ca/his/results/techDocs.htm




| | |
|---|---|
| FTCF | Forest Tenure - Site Plan under Community Forest |
| FTFSM | Forest Tenure - Forest Stand Management FPC s.71 |
| FTLEVY | Forest Stand Levy under FSM Fund Reg. |
| FTML | Forest Tenure - Major Licensee |
| FTMSL | Forest Tenure Ministry Silviculture Liability |
| FTPI | Forest Tenure - pilot agreement |
| FTSBF | Forest Tenure - Small Business Forest Enterprise Program |
| FTWL | Forest Tenure - Woodlot: Site Plan |

# Technical Documentation SU Modifications Cheatsheet

http://www.for.gov.bc.ca/his/results/techDocs.htm

**Helps explain setup for ESF portion**

**"A" and "U" actions with inclusion or omission of SU implies addition or removal of SUs!**

- RESULTS
  - Welcome
  - Technical Overview
  - Code Table
  - Data Access Security Rules
  - Online Tech Specs
  - Tech Specs - Electronic Submissions
    - Design
    - Overview
    - Submission Items
    - XML Schema V4
    - XML Example
    - Opening Number Auto Generation
    - Amendment Update Summary

## XML Submission Quick Reference

| | XML Action | SU Audit Code | Add SU ? | Delete SU? | Completely replaces all SU's? | Restrictions | Submission Notes |
|---|---|---|---|---|---|---|---|
| **Silv Presc** | | | | | | | |
| Amendment (major) | A | AMD | Yes | Yes | Yes | If a Stocking Standard ID (SSID) is specified for any SU, SSID's must be provided for all SU's | All SU's must be submitted as any existing SU's not submitted will be deleted when the Amendment is approved. |
| Amendment (minor) | M | MIN | No | No | No | Update NAR, BEC and spatial only, or including SSID for a FRPA 197 rollover. | Only submit SU's you wish to update.<br><br>Additional information such as layers and species may be submitted but will be ignored. |
| Correction | U | COR | Yes | Yes | Yes | SSID, Max Soil Disturbance not updateable | All SU's must be submitted as any existing SU's not submitted will be deleted. |
| Update *(schema v3 support)* | U | MIN | No | No | No | Update NAR, BEC and spatial only | Only submit SU's you wish to update.<br><br>For compatibility with schema v3. |
| **Site Plan** | | | | | | | |
| Update *(schema v3 support)* | U | VAR | No | No | No | SSID not updateable | Processing is identical to Approved Variation (see below).<br><br>For compatibility with schema v3. |
| Approved Variation | V | VAR | No | No | No | SSID not updateable | Only submit SU's you wish to update. |
| Site Plan Amendment | A | SPA | Yes | Yes | Yes | Cannot change SU once SU declared FG.<br><br>SSID Cannot be blanked out | All SU's must be submitted as any existing SU's not submitted will be deleted. |
| | | | | | | | |

# RESULTS – ESF Process

| ESF Type | ESF Action Code | Audit Event Action |
|---|---|---|
| **Silv Prescription** | | |
| Correction | U | COR Correction |
| Minor | M | MIN Amended Minor |
| S197 | M[1] | S197 Section 197 |
| Major Amendment | A | AMD Amended |
| **Site Plan** | | |
| Approved Variation | V | VAR Variation |
| Site Plan Amendment | A | SPA Site Plan Amendment |
| S197 | A[1] | S197 Section 197 |

[1]197 is subject to pre-condition in FSPTS use of SS ID associated with FSP with 197 Election Box Checked in the FSPTS.

# RESULTS – General Process

| Who | Process |
| --- | --- |
| Submitter | What type of Plan? |
| | What type of Change? |
| | Make Changes & provide any supplemental information |
| | Submit / Save Changes |
| Ministry Approver | Review to Approve or Not Approve |

# RESULTS – 1) What type of Plan?

**Silviculture Prescription**

- S310 Stocking Standards
- No Standards ID
- Applies to ML Silviculture Prescription or WL Site Plan

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

Org Unit: DCK - Chilliwack Forest District  Status: APP - Approved

Client: CANFOR 00  Name: CANADIAN FOREST PRODUCTS LTD.

Opening: 92G 030 0.0 168  Opening Id: 23866  Licensee Opening Id:

Licence No: A19208  CP: 31  Cut Block: 3244  Timber Mark: EW4031

Exhibit A Area (ha): 9.9  Disturbance Area (ha): 9.9  NAR (ha): 9.0  Forest Cover Area (ha): 10.1  Opening Gross Area (ha): 9.9

Go | Clear | SP Map | Map View | History | FTA

RESULTS310 - Stocking Standards  1 of 2

Back

SU: 1  Net Area To Be Reforested (ha): 8.8  Max Soil Disturbance: 8%

Comment: N  Attachment: N

Amendment #:  SU History

| BGC Zone | BGC Subzone | Variant | Phase | Site Series | Site Phase | Seral |
|---|---|---|---|---|---|---|
| CWH | dm | | | 01 | | |

Standards Regime
Standards ID:  Standards Name:  Expiry Date:
FSP ID:

| | Regen Delay | Free Growing Early | Free Growing Late |
|---|---|---|---|
| Regen Obligations: ◉ | 3 | 8 | 11 |
| No Regen Obligations: ○ | | | |

Additional Standards: No

| | Species Ht(m) | | Well Spaced Trees (st/ha) | | | | | Post Spacing Density(st/ha) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Layer | Preferred | Acceptable | Target | Min | Min Pref | Min Hz(m) | Basal Area | Min | Max | Max Conif (st/ha) | Ht To Comp |
| | FDC/0, CW/0, HW/0 | BA/0 | 900 | 500 | 0 | 2 | 0 | 0 | 0 | 0 | 150% |

Correction | Minor Amendment | Amendment

# RESULTS – 1) What type of Plan?

**Site Plan**

- S310 Stocking Standards
- Standards ID exists
- Applies to ML Site Plan or Woodlot Pre-Harvest Maps, and FFT Treatment Prescriptions

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

Org Unit: DCK - Chilliwack Forest District  Status: APP - Approved
Client: CANFOR 00  Name: CANADIAN FOREST PRODUCTS LTD.
Opening: 92H 031 0.0 48  Opening Id: 53531  Licensee Opening Id:
Licence No: A19208  CP: 34  Cut Block: C003  Timber Mark: EW4034
Exhibit A Area (ha): 50.3  Disturbance Area (ha): 50.3  NAR (ha): 20.0  Forest Cover Area (ha): 50.3  Opening Gross Area (ha): 50.3

Go | Clear | SP Map | Map View | History | FTA

RESULTS310 - Stocking Standards  1 of 1

Back

SU: 1  Net Area To Be Reforested (ha): 20  Max Soil Disturbance: 5%
Comment: N  Attachment: N
Amendment #: 3  SU History

| BGC Zone | BGC Subzone | Variant | Phase | Site Series | Site Phase | Seral |
|---|---|---|---|---|---|---|
| IDF | xh | 1 | | 03 | | |

Standards Regime
Standards ID: 85217  Standards Name:  Expiry Date:
FSP ID:

| | Regen Delay | Free Growing Early | Free Growing Late |
|---|---|---|---|
| Regen Obligations: | 7 | 12 | 15 |
| No Regen Obligations: | | | |

Additional Standards: Yes

| | Species Ht(m) | | Well Spaced Trees (st/ha) | | | | | Post Spacing Density(st/ha) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Layer | Preferred | Acceptable | Target | Min | Min Pref | Min Hz(m) | Basal Area | Min | Max | Max Conif (st/ha) | Ht To Comp |
| | PLI/2 | SB/1, SX/1 | 1200 | 700 | 600 | 2 | | | | | 150% |

Approved Variation | Site Plan Amendment | Amendment

# RESULTS – 1) What type of Plan?

**FSP Site Plan**

- S310 Stocking Standards
- Standards ID exists
- Applies to ML Site Plan where the Standards ID is associated with FSP
- Link exist to view details about FSPTS if have authorization

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

Org Unit: DND - Nadina Forest District  Status: APP - Approved
Client: CANFOR 26  Name: CANADIAN FOREST PRODUCTS LTD.
Opening: 93L 005 0.0 77  Opening Id: 1305456  Licensee Opening Id: 500110351
Licence No: A16828  CP: 795  Cut Block: KIDP0247  Timber Mark: EM8795
Exhibit A Area (ha): 12.9253  Disturbance Area (ha): 11.7  NAR (ha): 11.7  Forest Cover Area (ha): 12.9  Opening Gross Area (ha): 12.9

Go | Clear | SP Map | Map View | History | FTA

RESULTS310 - Stocking Standards  1 of 1

Back

SU: 1  Net Area To Be Reforested (ha): 11.7  Max Soil Disturbance:
Comment: N  Attachment: N
Amendment #:  SU History

| BGC Zone | BGC Subzone | Variant | Phase | Site Series | Site Phase | Seral |
|---|---|---|---|---|---|---|
| SBS | mc | 2 | | 01 | | |

Standards Regime
Standards ID: 1010496  Standards Name:  Expiry Date:
FSP ID: 71

| | Regen Delay | Free Growing Early | Free Growing Late |
|---|---|---|---|
| Regen Obligations: ◉ | 4 | | 20 |
| No Regen Obligations: ○ | | | |

Additional Standards: Yes

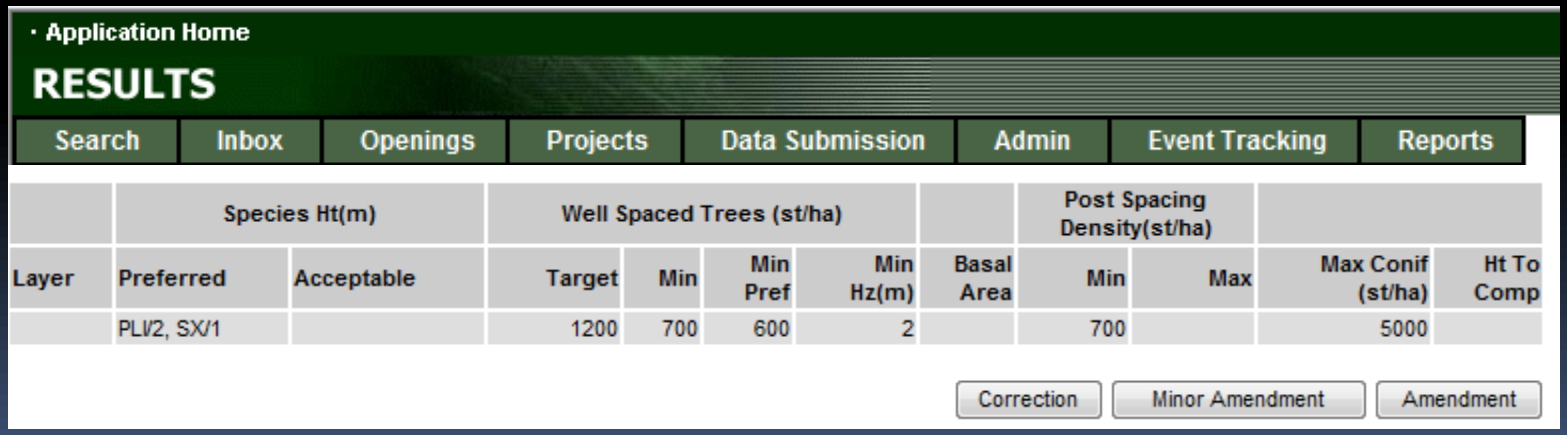
| | Species Ht(m) | | Well Spaced Trees (st/ha) | | | | | Post Spacing Density(st/ha) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Layer | Preferred | Acceptable | Target | Min | Min Pref | Min Hz(m) | Basal Area | Min | Max | Max Conif (st/ha) | Ht To Comp |
| | PL/1.6, SX/.8 | BL/.8 | 1200 | 700 | 600 | 2 | | | | 10000 | |

Approved Variation | Site Plan Amendment | Amendment

# RESULTS – 2) What type of change?

**Silviculture Prescription**

- Corrections (for correcting paper-based pre-ESF records)
- Minor Amendments (No Approval Required)
- S197 (No Approval Required)
- Major Amendments (Approval Required)

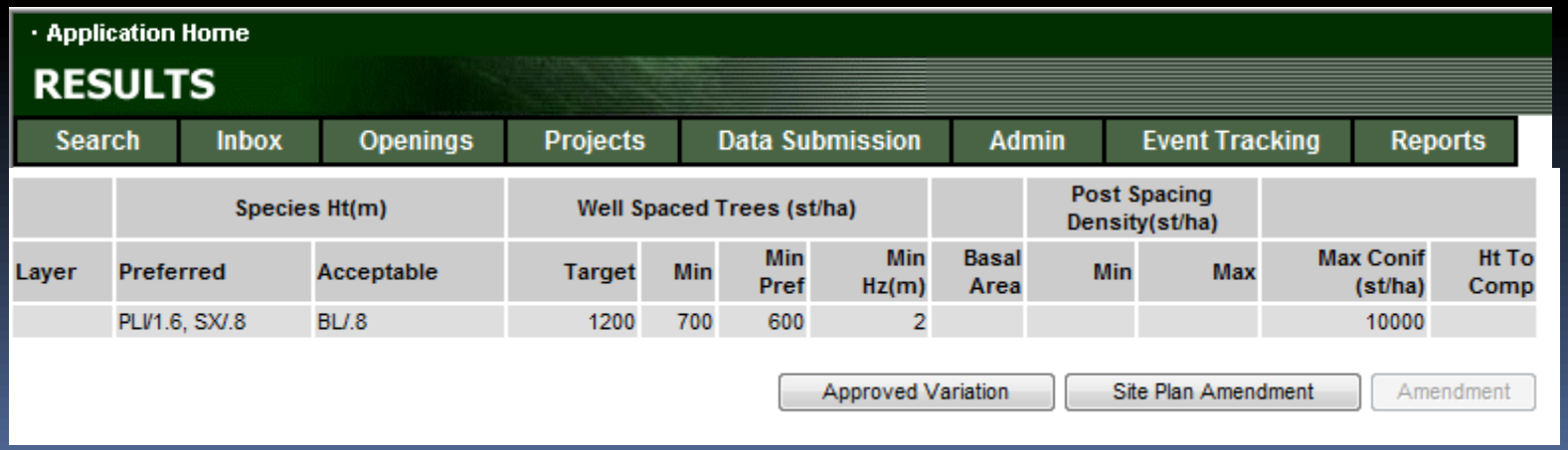



| | Species Ht(m) | | Well Spaced Trees (st/ha) | | | | | Post Spacing Density(st/ha) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Layer | Preferred | Acceptable | Target | Min | Min Pref | Min Hz(m) | Basal Area | Min | Max | Max Conif (st/ha) | Ht To Comp |
| | PLI/2, SX/1 | | 1200 | 700 | 600 | 2 | | 700 | | 5000 | |

# RESULTS – 2) What type of change?

**Site Plan**

- Approved Variations (No Approval Required)
- S197 (No Approval Required)
- Amendments (No Approval Required)



· Application Home

RESULTS

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

| | Species Ht(m) | | Well Spaced Trees (st/ha) | | | | | Post Spacing Density(st/ha) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Layer | Preferred | Acceptable | Target | Min | Min Pref | Min Hz(m) | Basal Area | Min | Max | Max Conif (st/ha) | Ht To Comp |
| | PL/1.6, SX/.8 | BL/.8 | 1200 | 700 | 600 | 2 | | | | 10000 | |

Approved Variation | Site Plan Amendment | Amendment

# RESULTS – Corrections

Business

- Intended to correct opening SUs entered during paper-based data entry (records pre-mandatory ESF prior to June 1, 2005)
- Corrections are to reflect legal approved documents that exists.
- Older records do not have online SP Maps (unless converted through RESULTS Opening Spatial Conversion process) and therefore making changes not require spatial; but you can always include (but then must be via ESF)

# RESULTS – Corrections

ESF function

- Action Code "U" - Update

  Must include ALL SU's even for those SU with no change

  Missed SU is assumed as a deleted SU

  New SU is assumed new SU

  Missing data elements for any SU will appear as blanks

  SS ID is not updatable

  Provide rationale

- Spatial may be updated to provide missing spatial (pre-2005 records).

- All changes are audited via SU History and History

# RESULTS – ESF Corrections

| Sequence | Action Code | SU's |
|---|---|---|
| Original Opening | | 1, 2, 3 |
| ESF Submission | "U"-Update<br>with changed values for each SU | 1, 2, 3 |
| Outcome | Correction | 1, 2,3 with updated changes reflected |

| Sequence | Action Code | SU's |
|---|---|---|
| Original Opening | | 1, 2, 3 |
| ESF Submission | "U"-Update<br>with changed values for each SU | 2, 3, 4 |
| Outcome | Correction | 2,3 with updated changes reflected<br>SU 1 is deleted<br>4 is a new SU |

- No SS Regime ID is allowed to be added under Correction
- Updated spatial can be submitted for with SU's

# RESULTS – Minor Amendment

## Business

- Intended for making area adjustments based on better information from field surveys.

## ESF function

- Action Code “M” – Minor
- Only submit for the SU you wish to update
- Any additional information submitted such as layers and species maybe submitted but ignored with exception of SS ID which is assumed to be tied to potential s197 rollover
- Only BEC and NAR updateable when associated with Minor amendment
- Provide Rationale
- All changes are audited via SU History and History

# RESULTS – Minor Amendment

| Sequence | Action Code | SU's |
|---|---|---|
| Original Opening | | 1, 2, 3 |
| ESF Submission | "M"-Minor<br>with changed values for each SU | 2 |
| Outcome | Minor Amendment | Only SU 2 is changed |

- BEC and NAR can be updated
- No updates to specific stocking standards
- Spatial can be updated
- SS Regime ID can only be added for s.197 scenario

# RESULTS – FRPA s.197 (Silv Prescription)

Business

- s.197 rollover requires no approval required as it has been already approved under FSP.

Standards Regime ID (SS ID) updatable and recognize as s197 rollover only if all of the following conditions are met:

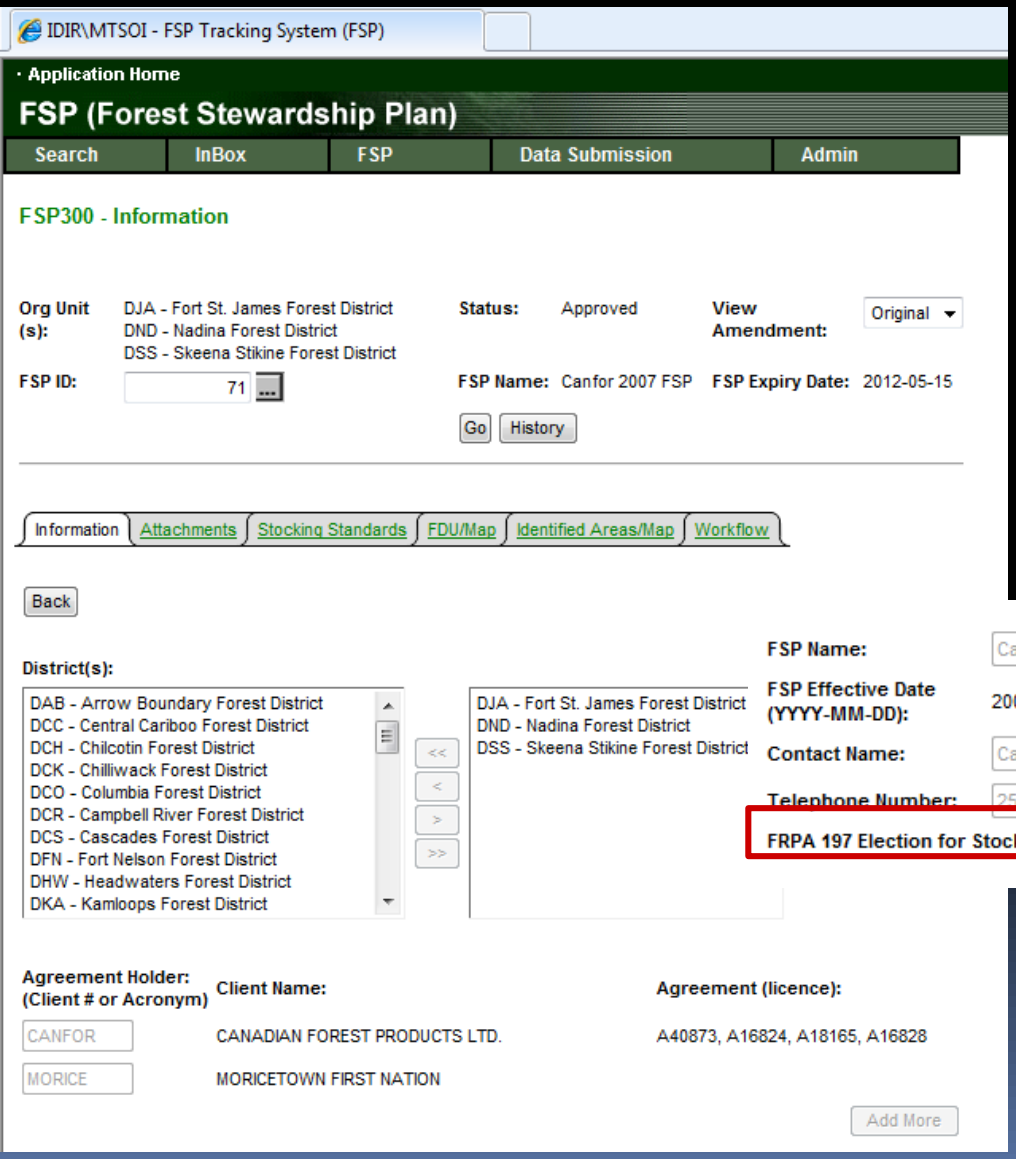
- Allowed for Silviculture Prescription or Site Plan not associated with a FSP
- Standards ID being applied is associated with a FSP that has s197 Election Checked (“Y”) in the FSPTS
- Standards ID belongs to the client and org unit for the FSP

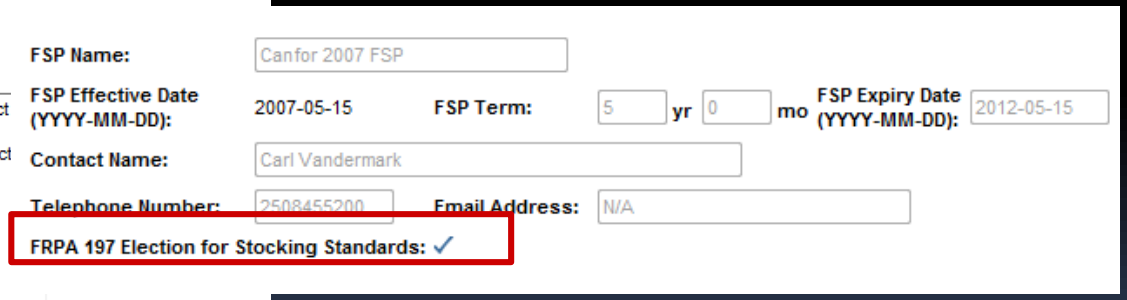
# RESULTS – FRPA s.197 (Silv Prescription)

ESF function

- Action Code “M” – s197 (interpreted as 197 under specific conditions)
- Provide SS ID associated with FSP with 197 Election Selected in the FSPTS
- Provide rationale

# RESULTS – FRPA s.197




FRPA s197 Election <u>must be made using FSPTS</u> in order for s197 rollover to work in RESULTS

# RESULTS – s.197

| Sequence | Action Code | SU's |
|---|---|---|
| Original Opening | | 1, 2, 3 |
| ESF Submission | "M"-Minor<br>include SS Regime ID must be associated with FSP that has FRPA 197 election checked | 2 |
| Outcome | s197 | Only SU 2 is changed with SS ID and has reference to FSP ID |

- BEC and NAR can be updated
- No updates to specific stocking standards
- Spatial can be updated
- SS Regime ID can only be added for s.197 scenario

# Approved Variation

## Business

- Intended for changes to stocking standards based on approved variations as per Forest Stewardship Plan.

## ESF function

- Action Code “V” – Approved Variation
- Only submit SU you wish to update
- SS ID is not updatable
- Provide rationale

- All changes are audited via SU History and History

# RESULTS – Approved Variation

| Sequence | Action Code | SU's |
|---|---|---|
| Original Opening | | 1, 2, 3 |
| ESF Submission | "V"-Approved Variation<br>SS ID not updatable | 2 |
| Outcome | Variation | Only SU 2 is changed with changes to specific stocking standards per FSP approved variation |

- BEC and NAR can be updated
- No Changes allowed to SS Regime ID
- Make changes to specific components of the stocking standards as per FSP approved variation
- Spatial can be updated

# FDP Site Plan FRPA s.197 over to FSP

## Business

- S197 rollover FDP site plans to FSP site plans

## ESF function

- Action Code “A” – Site Plan Amendment
- Must submit all SUs
- Cannot change SU once declared FG
- SS ID Mandatory
- Provide SS ID associated with FSP with 197 Election Selected in FSPTS
- Any missing SU will be deleted
- Can provide rationale comments
- All changes are audited via SU History and History

# RESULTS – FDP Site Plan s197 rollover

| Sequence | Action Code | SU's |
|---|---|---|
| Original Opening | | 1, 2, 3 |
| ESF Submission | "A"-Amendment<br>SS ID updatable and link to FSPTS with Election Indicator checked | 1, 2, 3 |
| Outcome | S197 Rollover | All 1, 2, 3 has been switched to FSP Site Plan |

- BEC and NAR can be updated
- Changes allowed to SS Regime ID, BEC and NAR
- SS Regime ID must be approved for use by client and org unit, exist in FSP and FSP s197 Election has been checked
- Spatial can be updated

# Site Plan Amendment

## Business

- Amendment to site plans – can add, delete or modify Standard Unit information and SS ID.

## ESF function

- Action Code “A” – Site Plan Amendment
- Must submit all SUs
- Cannot change SU once declared FG
- SS ID Mandatory
- Any missing SU will be deleted
- Can provide rationale commentsAll changes are audited via SU
- History and History

# RESULTS – Site Plan Amendment

| Sequence | Action Code | SU's |
|---|---|---|
| Original Opening | | 1, 2, 3 |
| ESF Submission | "A"-Amendment<br>SS ID updatable | 2, 4 |
| Outcome | Amendment | Only SU 2 is changed. Note that 1 and 3 is deleted. New SU 4 is created. |

- BEC and NAR can be updated
- Changes allowed to SS Regime ID, BEC and NAR
- Spatial can be updated

# Silviculture Prescription Amendment (Requiring Approval)

## Business

- Requiring changes to silviculture prescription.

ESF function

- Action Code “A” – Amendment
- Must set SP Exempt Ind to “Y” opening definition
- All Standard Units (SU) must be submitted with same identifiers.
- If omit SU, assumed deletion. If change SU Identifier assume as new SU.
- Any elements that differ for a given SU is assumed proposed amendment for approval.
- Cannot change SU once declared FG
- ESF Submission of Silviculture Prescription Amendments automatically becomes an Opening in “SUB” – Submitted Status awaiting for Inbox Processing.
- Unable to recall amendment after submission. If there is a requirement to change, must make request to District contact to Not Approve amendment in order to resubmit.
- All changes are audited via SU History and History

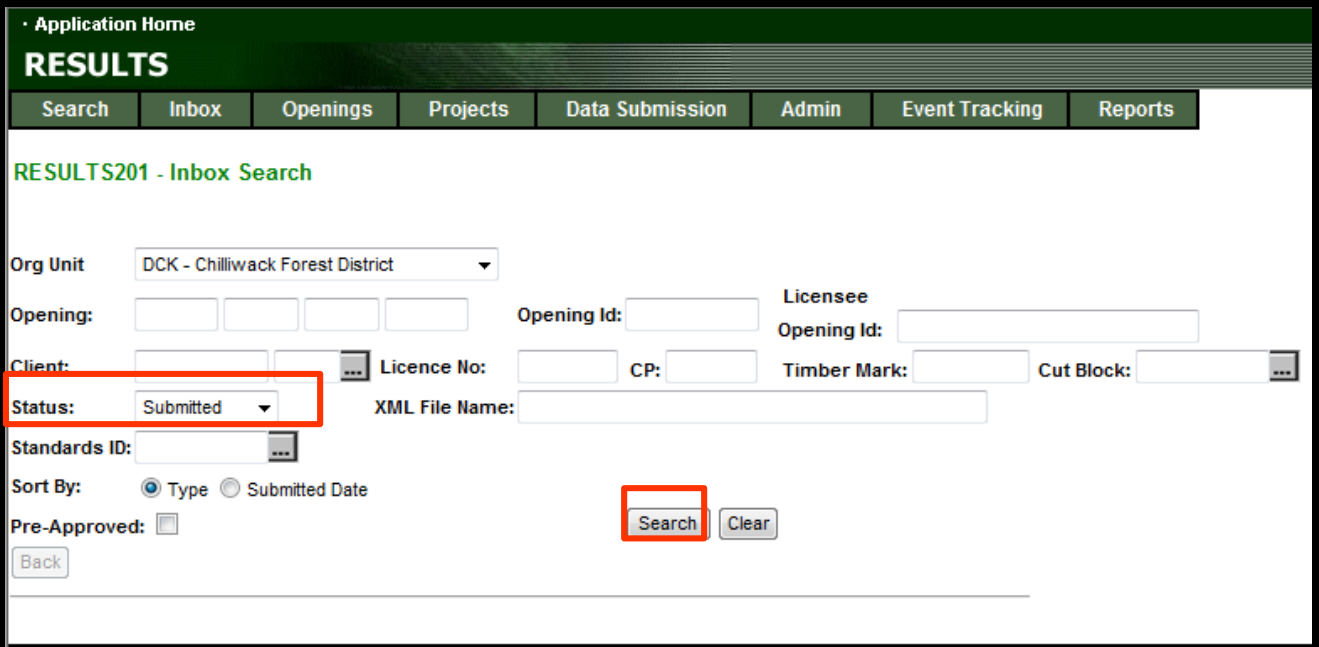
# RESULTS – Amendment requiring approval

| Sequence | Action Code | SU's |
|---|---|---|
| Original Opening | | 1, 2, 3 |
| ESF Submission | "A"-Amendment<br>with changed values for each SU | 1, 2, 3 |
| Outcome | Amendment | 1, 2,3 with updated changes reflected |

| Sequence | Action Code | SU's |
|---|---|---|
| Original Opening | | 1, 2, 3 |
| ESF Submission | "A"-Update<br>with changed values for each SU | 2, 3, 4 |
| Outcome | Amendment | 2,3 with updated changes reflected<br>SU 1 is deleted<br>4 is a new SU |

ESF submission of Amendment will change the Opening Status to "SUB" – amendment is submitted and awaits Ministry's review and approval. Only when the Opening is approved and then the requested changes are reflected in the Opening.

# RESULTS –Amendment requiring Approval Inbox – RESULTS Approver role




| Type | Opening ID | Licence | Cutting Permit | Timber Mark | Cut Block | Client & Locn | Status | Submit Date | Standards ID | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Amendment | 1009652 | A72554 | T | GM700T | 1 | 00001271 00 | SUB | | (+) | Details | Approve | Not Approve |
| Amendment | 1012944 | W5555 | JJ | WBLXJJ | 3 | 00001271 00 | SUB | 2009-04-23 | | Details | Approve | Not Approve |
| Amendment | 109875 | A72563 | T | GP400T | 2 | 00001271 00 | SUB | 2006-06-13 | | Details | Approve | Not Approve |
| Amendment | 23848 | A19208 | 24 | EW4024 | 9763 | 00001271 00 | SUB | 2008-06-09 | (+) | Details | Approve | Not Approve |
| Amendment | 23850 | A19208 | 25 | EW4025 | 4554 | 00001271 00 | SUB | 2008-06-09 | (+) | Details | Approve | Not Approve |
| Amendment | 23856 | A19208 | 26 | EW4026 | 9842 | 00001271 00 | SUB | 2010-03-18 | (+) | Details | Approve | Not Approve |
| Amendment | 23866 | A19208 | 31 | EW4031 | 3244 | 00001271 00 | SUB | 2010-03-24 | (+) | Details | Approve | Not Approve |

**S201 – Inbox Search**

**Ministry personnel must have "Approver" role to action.**

**Set Status to "SUB" & Search**

**"SUB" status will not allow declaration and any attempt for any other SU modifications due to pending review.**

# RESULTS –Amendment requiring approval
# Inbox – RESULTS Approver role

| Type | Opening ID | Licence | Cutting Permit | Timber Mark | Cut Block | Client & Locn | Status | Submit Date | Standards ID | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Amendment | 1009652 | A72554 | T | GM700T | 1 | 00001271 00 | SUB | | (+) | Details | Approve | Not Approve |
| Amendment | 1012944 | W5555 | JJ | WBLXJJ | 3 | 00001271 00 | SUB | 2009-04-23 | | Details | Approve | Not Approve |
| Amendment | 109875 | A72563 | T | GP400T | 2 | 00001271 00 | SUB | 2006-06-13 | | Details | Approve | Not Approve |
| Amendment | 23848 | A19208 | 24 | EW4024 | 9763 | 00001271 00 | SUB | 2008-06-09 | (+) | Details | Approve | Not Approve |
| Amendment | 23850 | A19208 | 25 | EW4025 | 4554 | 00001271 00 | SUB | 2008-06-09 | (+) | Details | Approve | Not Approve |
| Amendment | 23856 | A19208 | 26 | EW4026 | 9842 | 00001271 00 | SUB | 2010-03-18 | (+) | Details | Approve | Not Approve |
| Amendment | 23866 | A19208 | 31 | EW4031 | 3244 | 00001271 00 | SUB | 2010-03-24 | (+) | Details | Approve | Not Approve |

**S201 – Inbox Search**

**Ministry personnel must have "Approver" role to action.**

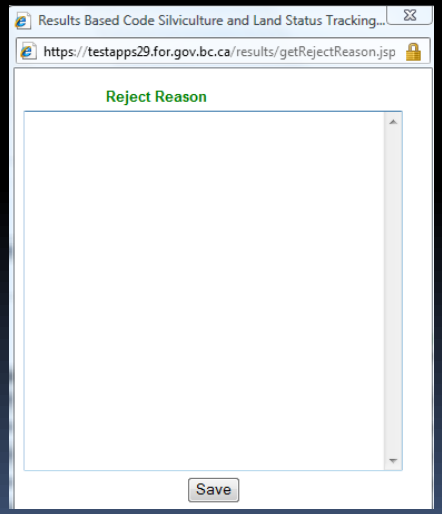
**Details** — Take to S310 – to enable review of Submitted Proposal.

**Approve** — Will approve Submitted Amendment –
Opening will change from "SUB" to "APP" status

---

**Not Approve** — Approver: Requires mandatory reason to explain reason for not approval.
Opening change from "SUB" to "AMD"

Submitter: Make decision for next step:
Delete Amendment – change from "AMD" status to "APP" to start over
Modify existing Proposed Amendment to resubmit – change from "AMD" to "SUB"



# Steps for ESF Major Amendment

**APP** → **SUB**

- **Approve** → **APP** Changes reflected and audited*
- **Not Approve** → **AMD**
  - No changes reflected
  - Submitter to respond
  - As required on their respective forest management system

*Auditing is done through SU History AND History (Event)

# RESULTS –Amendment requiring approval Inbox – Approved Opening

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

Org Unit: DCK - Chilliwack Forest District

Status: APP - Approved

Client: CANFOR 00 ... Name: CANADIAN FOREST PRODUCTS LTD.

Opening: 92G 030 0.0 168 Opening Id: 23866 ... Licensee Opening Id:

Licence No: A19208 CP: 31 Cut Block: 3244 Timber Mark: EW4031

Exhibit A Area (ha): 9.9 Disturbance Area (ha): 9.9 NAR (ha): 5.2 Forest Cover Area (ha): 10.1 Opening Gross Area (ha): 9.9

Go | Clear | SP Map | Map View | History | FTA

RESULTS310 - Stocking Standards

1 of 2

Back

SU: 1 Net Area To Be Reforested (ha): 5 Max Soil Disturbance: 8%

Comment: Y Attachment: N

Amendment #: 1 SU History

| BGC Zone | BGC Subzone | Variant | Phase | Site Series | Site Phase | Seral |
|---|---|---|---|---|---|---|
| CWH | dm | | | 01 | | |

Standards Regime

Standards ID: Standards Name: Expiry Date:

FSP ID:

| | Regen Delay | Free Growing Early | Free Growing Late |
|---|---|---|---|
| Regen Obligations: | 3 | 12 | 20 |
| No Regen Obligations: | | | |

Additional Standards: No

| | Species Ht(m) | | Well Spaced Trees (st/ha) | | | | | Post Spacing Density(st/ha) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Layer | Preferred | Acceptable | Target | Min | Min Pref | Min Hz(m) | Basal Area | Min | Max | Max Conif (st/ha) | Ht To Comp |
| | CW/0, HW/0 | BA/0, SS/1.5 | 900 | 600 | 0 | 2 | 0 | 0 | 0 | 0 | 150% |

Upon Approval – Status changed to “APP”

All changes from the Amendment is now reflected current S310-Stocking Standards.

SU History & History contains Audited changes.

# Auditing – SU History

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

Org Unit: DCK - Chilliwack Forest District  Status: APP - Approved

Client: CANFOR 00  Name: CANADIAN FOREST PRODUCTS LTD.

Opening: 92G 030 0.0 168  Opening Id: 23866  Licensee Opening Id:

Licence No: A19208  CP: 31  Cut Block: 3244  Timber Mark: EW4031

Exhibit A Area (ha): 9.9  Disturbance Area (ha): 9.9  NAR (ha): 9.0  Forest Cover Area (ha): 10.1  Opening Gross Area (ha): 9.9

Go | Clear | SP Map | Map View | History | FTA

RESULTS310 - Stocking Standards  1 of 2

Back

SU: 1  Net Area To Be Reforested (ha): 8.8  Max Soil Disturbance: 8%

Comment: N  Attachment: N

Amendment #:  SU History

| BGC Zone | BGC Subzone | Variant | Phase | Site Series | Site Phase | Seral |
|---|---|---|---|---|---|---|
| CWH | dm | | | 01 | | |

Standards Regime

Standards ID:  Standards Name:  Expiry Date:

FSP ID:

| | Regen Delay | Free Growing Early | Free Growing Late |
|---|---|---|---|
| Regen Obligations: | 3 | 8 | 11 |

No Regen Obligations:

Additional Standards: No

| | Species Ht(m) | | Well Spaced Trees (st/ha) | | | | | Post Spacing Density(st/ha) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Layer | Preferred | Acceptable | Target | Min | Min Pref | Min Hz(m) | Basal Area | Min | Max | Max Conif (st/ha) | Ht To Comp |
| | FDC/0, CW/0, HW/0 | BA/0 | 900 | 500 | 0 | 2 | 0 | 0 | 0 | 0 | 150% |

Correction | Minor Amendment | Amendment

**SU History Tracks all SU Modifications since March 2008**

# Auditing – SU History

· 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:** DCK - Chilliwack Forest District **Status:** APP - Approved

**Client:** CANFOR 00 **Name:** CANADIAN FOREST PRODUCTS LTD.

**Opening:** 92G 030 0.0 168 **Opening Id:** 23866 **Licensee Opening Id:**

**Licence No:** A19208 **CP:** 31 **Cut Block:** 3244 **Timber Mark:** EW4031

**Exhibit A Area (ha):** 9.9 **Disturbance Area (ha):** 9.9 **NAR (ha):** 5.1 **Forest Cover Area (ha):** 10.1 **Opening Gross Area (ha):** 9.9

Go | Clear | SP Map | Map View | History | FTA

**RESULTS313 - Stocking Standards History**

Back

3 rows returned

| Amend # | Event Date/Time | Action | # SUs | Total NAR | ESF Submission Id | User Id | | Approved Date | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Submitted By | Approved By | | |
| | 2010-03-23 11:25 AM | Amended (Minor) | 2 | 5.1 | | IDIR\MTSOI | | | Details |
| | 2010-03-23 11:23 AM | Correction | 2 | 9 | | IDIR\MTSOI | | | Details |
| | 2008-02-22 08:48 AM | Original | 2 | 9 | | Results data conversion | | | Details |

**All records will have either "O" original or "ES" As the baseline condition to use as basis for comparison**

# RESULTS – SU History

## RESULTS313 - Stocking Standards History

Back

4 rows returned

| Amend # | Event Date/Time | Action | # SUs | Total NAR | ESF Submission Id | User Id | | Approved Date | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Submitted By | Approved By | | |
| 1 | 2010-03-24 10:05 AM | Amended | 2 | 5.2 | | RESULTS_CONV | IDIR\MTSOI | 2010-03-24 | Details |
| | | | | | | | | | Details |
| | | | | | | | | | Details |
| | | | | | | | | | Details |

## RESULTS314 - Stocking Standard History Details

Back

Org Unit: DCK - Chilliwack Forest District
Client Number: 00001271 Locn: 00 Name: CANADIAN FOREST PRODUCTS LTD.
Opening 92G 030 0.0 168 Opening ID: 23866 Licensee Opening ID:

| Amend # | Event Date/Time | Action | # SUs | Total NAR | ESF Submission Id | User Id | | Approved Date |
|---|---|---|---|---|---|---|---|---|
| | | | | | | Submitted By | Approved By | |
| | 2010-03-23 11:25 AM | Amended (Minor) | 2 | 5.1 | | IDIR\MTSOI | | |
| *1* | *2010-03-24 10:05 AM* | *Amended* | *2* | *5.2* | | *RESULTS_CONV* | *IDIR\MTSOI* | *2010-03-24* |

1 of 2

SU: 1 Net Area To Be Reforested (ha): 4.9 *(5)* Max Soil Disturbance: 8 %
Standards ID: Name: Expiry Date:
Objective: Geographic:

| BGC Zone | BGC Subzone | Variant | Phase | Site Series | Site Phase | Seral |
|---|---|---|---|---|---|---|
| CWH | dm | | | 01 | | |

| | | Regen | Early | Late |
|---|---|---|---|---|
| Regen Obligations: | ◉ | 3 | 10 *(12)* | 15 *(20)* |
| No Regen Obligations: | ○ | | | |

Single | Layer 4 - Regen | Layer 3 - Sapling | Layer 2 - Pole | Layer 1 - Mature

| | Well Spaced Trees / ha | Residual Basal Area (m2/ha) | Post Spacing Density (st/ha) |
|---|---|---|---|
| Target: | 800 *(900)* | | |
| Min Horiz (m): | 2 | | |
| Min Pref: | 0 | | |
| Min: | 600 | 0 | 0 |
| Max: | | | 0 |

Max Coniferous (st/ha): 0
Height Relative to Comp(cm/%): 150 %

**Upon Approval – Status changed to "APP"**

**All changes from the Amendment is now reflected.**

**SU History & History contains Audited changes.**

**Changes items from the Action is in *(red)*.**

**Only has changes effective March 11, 2008 (date which this infrastructure was created)**

# Auditing – History

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

Org Unit: DCK - Chilliwack Forest District  Status: APP - Approved

Client: CANFOR 00  Name: CANADIAN FOREST PRODUCTS LTD.

Opening: 92G 030 0.0 168  Opening Id: 23866  Licensee Opening Id:

Licence No: A19208  CP: 31  Cut Block: 3244  Timber Mark:

Exhibit A Area (ha): 9.9  Disturbance Area (ha): 9.9  NAR (ha): 5.2  Forest Cover Area (ha): 10.1  Opening Gross Area

Go | Clear | SP Map | Map View | History | FTA

**S610 History provides each of event.**

**SU History data can also be accessed from S610.**

**History provides tracking of individual element changed**

## RESULTS610 - Event Tracking History

Opening ID: 23866  CP: 31  Timber Mark:

Client Number: 00001271  Locn: 00  Name: CANAD

Back

| Amend. | Event Date/Time | User | Event |
|---|---|---|---|
| | 2010-03-24 10:05AM | BCEID\RESCANFOR20 | Milestone |
| 1 | 2010-03-24 10:05AM | RESULTS_CONV | Amended |
| 1 | 2010-03-24 10:05AM | IDIR\MTSOI | Approved |
| 1 | 2010-03-24 09:25AM | BCEID\RESCANFOR20 | Submitted |
| 1 | 2010-03-24 09:24AM | IDIR\MTSOI | Rejected |
| 1 | 2010-03-24 09:22AM | BCEID\RESCANFOR20 | Submitted |
| 1 | 2010-03-24 09:01AM | BCEID\RESCANFOR20 | Amended |

## RESULTS615 - Event Tracking Details

Opening ID: 23866  CP: 31  Timber Mark: EW4031  Cut Block: 3244  Licence No: A19208

Client Number: 00001271  Locn: 00  Name: CANADIAN FOREST PRODUCTS LTD.

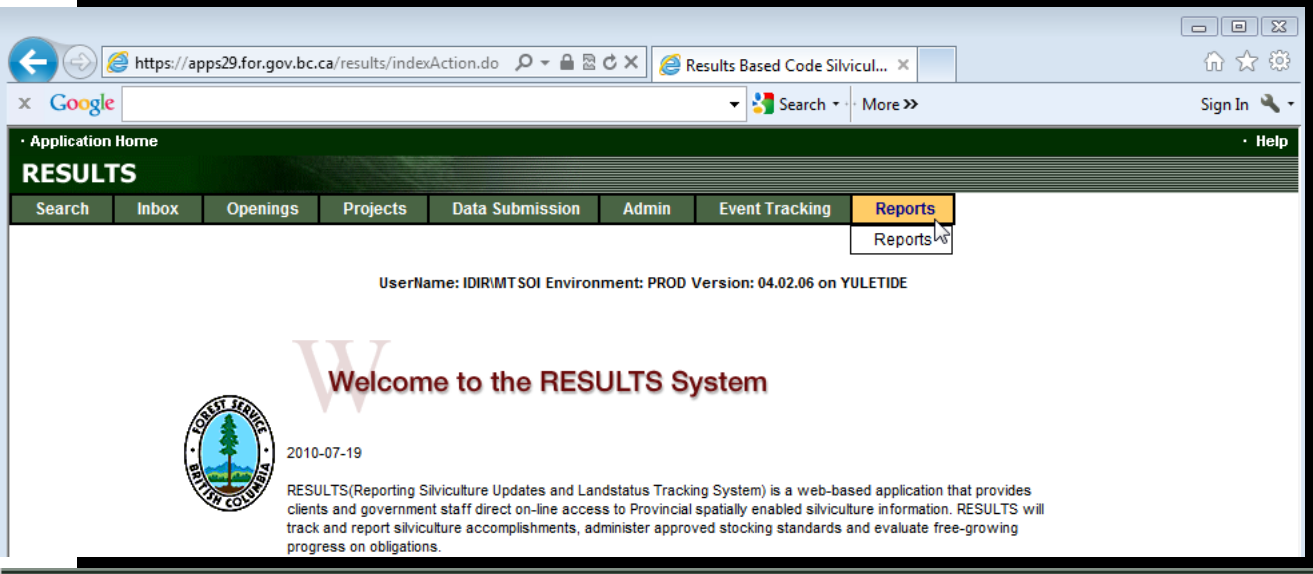
Event Date: 2010-03-24 09:01AM  Event: Amended  Amendment: 1

Back

5 rows returned

| Table | Column | Identifier | Old | New | Date/Time | UserID |
|---|---|---|---|---|---|---|
| OPENING | Opening Status | Opening Id: 23866 | APP | AMD | 2010-03-24 09:01AM | BCEID\RESCANFOR20 |
| STOCKING_STANDARD_UNIT_AMD | Net Area | Standards Unit 1 | 4.9 | 5 | 2010-03-24 09:01AM | BCEID\RESCANFOR20 |
| STOCKING_STANDARD_UNIT_AMD | Free Growing Early Offset Years | Standards Unit 1 | 10 | 12 | 2010-03-24 09:01AM | BCEID\RESCANFOR20 |
| STOCKING_STANDARD_UNIT_AMD | Free Growing Late Offset Years | Standards Unit 1 | 15 | 20 | 2010-03-24 09:01AM | BCEID\RESCANFOR20 |
| STOCKING_LAYER_AMD | Target Stocking | Standards Unit 1 Layer I | 800 | 900 | 2010-03-24 09:01AM | BCEID\RESCANFOR20 |

# RESULTS – CRS Reports SU History



- Stocking Standard Modification Detail and Summary Reports are effective March 11, 2008 based on SU History function in RESULTS.

Any SU Modifications prior to this date is not reported via SU History function but information is available via Event History.

# RESULTS – SU Modification Summary

Main Menu : Silviculture : RESULTS - Reporting Silviculture and Land Status : Standards and Approvals

## Stocking Standards Unit Modifications Summary Report

**Business Description:**
This report provides summary of SU modification actions for openings tracked through SU History function. Note that "O"-Original & "ES" Electronic Submission events are not included as these are auto-generated baseline records used to provide subsequent SU modification comparison. SU History was implemented as of March 11, 2008; any SU modification prior to this date will not be reflected in this report. This report can be run in .pdf or .csv format. Note that .csv format does not include Rationale component.

**District*:** Sunshine Coast Forest District (DSC)

**Client Number:**

**Client Location :**

**Opening ID:**

**Opening Category:** FTML - Forest Tenure - Major Licensee

**Opening Status:** -ALL-

**License #:**

**Cutting Permit:**

**Event Code:** Section 197(197)

**Event Date From:**

**Event Date To:**

**Include Comments*:** Y

**Format:** Acrobat PDF

- Format CSV or PDF

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

Email this report to me

mtsoi@shaw.ca

Generate Report

# RESULTS – SU Modification Summary

BRITISH COLUMBIA
The Best Place on Earth

**Ministry of Forests and Range**

**Modifications to Standards Units Summary Report**

| | |
|---|---|
| **Page:** | 1 of 5 |
| **Date Printed:** | 2012-01-16 |
| **User Id:** | IDIR\MTSOI |
| **Database:** | DBP01 |
| **Report Id:** | RESULTSR012 |

## Report Parameters:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Org Unit: | Sunshine Coast Forest District (DSC) | | | Client Number: | | Location: | |
| Opening ID: | | Opening Category: | FTML | Opening Status: | * | | |
| License: | | Cutting Permit: | | Rationale Comments: | Y | | |
| Event: | 197 | Event Date Start: | | Event Date End: | | | |

## Opening:

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Org Unit Name: | Sunshine Coast Forest District | | | Licencee: | INTERNATIONAL FOREST PRODUCTS LIMITED | | |
| Client Number: | 00002176 | Location: | 00 | Licencee Opening ID: | | | |
| Opening: | 92K046 0.0 726 | Opening ID: | 72401 | Opening Category: | FTML | Opening Status: | APP |
| Licence No: | A19220 | CP: | 504 | Timbermark: | EB5504 | Cutblock: | 6 |

## SU History:

| Amend # | Event Date | Action | # SUs | Total NAR | ESF ID | Submitted By | Approved By | Approved Date |
|---|---|---|---|---|---|---|---|---|
| | 2010-11-22 9:54 | 197 | 3 | 22.8 | | BCEID\ADENNILL | | |
| | 2010-11-22 9:39 | 197 | 3 | 22.8 | | BCEID\ADENNILL | | |

## Rationale:

| Standards Unit | Date | Action | Rationale |
|---|---|---|---|
| 1 | 2010-11-22 9:54 | Section 197 | FRPA s.197 |

# RESULTS – SU Modification Detail

## Stocking Standards Unit Modifications Detail Report

**Business Description:**
This report provides details of SU modification actions for openings tracked through SU History function. Note that "O"-Original & "ES" Electronic Submission events are not included as these are auto-generated baseline records used to provide subsequent SU modification comparison. SU History was implemented as of March 11, 2008; any SU modification prior to this date will not be reflected in this report. This report can be run in .pdf or .csv format.

**District*:** Sunshine Coast Forest District (DSC)

**Client Number:**

**Client Location:**

**Opening ID:** 72401

**Opening Category:** FTML - Forest Tenure - Major Licensee

**Opening Status:** -ALL-

**License #:**

**Cutting Permit:**

**Event Code:** Section 197(197)

**Event Date From*:** 2008-01-01

**Event Date To*:** 2012-01-15

**Format:** Acrobat PDF

- Format CSV - but only View Online
- PDF – View Online or Email

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

Email this report to me

mtsoi@shaw.ca

Generate Report

# RESULTS – SU Modification Detail

Opening ID: 72401 Licence: A19220 CP: 504 Timbermark: EB5504 Cutblock: 6

**SU 3 of 3**

| | | | | | |
|---|---|---|---|---|---|
| SU: | 3 | Net Area: | 6.8 | Max Soil Disturbance: | 5.0 % |
| Standards ID: | *(1002754)* | Expiry: | | | |
| Name: | | | | | |
| Objective: | | | | | |
| Geographic: | | | | | |

| Zone | Subzone | Variant | Phase | Site Series | Site Phase | Seral |
|---|---|---|---|---|---|---|
| CWH | vm | 1 | | 07 | | |

| | | Regeneration | Early Offset | Late Offset |
|---|---|---|---|---|
| Regen Obligation: | Y | 5 | 8 *()* | 11 *(20)* |
| No Regen Obligation: | | | | |

**Layer: Inventory Layer**

| | | Well-Spaced (sph) | Residual BA (m2/ha) | Post Spacing Density (sph) |
|---|---|---|---|---|
| Target: | | 900 | | |
| Min Horiz (m): | | 2.0 | | |
| Min Pref: | | 400 | | |
| Min: | | 500 | | |
| Max: | | | | |
| Max Conifer: | 5000 *()* | | | |
| Hght Relative to Comp (cm/%): | 150 % *()* | | | |

- Changes based on action will be in *(brackets and italized)*

| Preferred Species | | Min Height (m) |
|---|---|---|
| BA-amabilis fir | | *(2.2)* |
| CW-western redcedar | | *(2.0)* |
| | *(FDC-coastal Douglas-fir)* | *(4.0)* |
| HW-western hemlock | | *(4.0)* |

| Acceptable Species | Min Height (m) |
|---|---|
| SS-Sitka spruce | *(4.0)* |

# Help Resources

http://www.for.gov.bc.ca/his/results/support.htm
http://www.for.gov.bc.ca/his/results/training/index.htm

## Application Support

Please follow the steps below when you encounter a problem with RESULTS.

1. Review the RESULTS Questions & Answers web page to determine if your question has already been answered.
2. Check with your district resource clerk/LIM staff, if appropriate.
3. Contact your regional RESULTS contact if one exists. See the list of Region and Districts RESULTS contacts and BCTS TSO RESULTS contacts.
4. Contact the Business Application Service Section (BASS). Please include the application name somewhere in the subject line so it will be sorted into the appropriate help folder.

   Phone: (250) 952-6801
   Email: nrsenquiries@gov.bc.ca

## Training & Resources

Work is underway to transition to new training format.

Only the pre-recorded Live Meeting Woodlot modules will be available for viewing and can be via Windows Media Player. Please contact Application support to acquire download of the recording.

Online training is available for Core RESULTS Modules. Please refer to the link on any upcoming course offerings. Online training link for your reference:
https://attendee.gototraining.com/49x6s/catalog/3931598846459390464

**Face-to-face sessions** are offered periodically, based on major application developments and/or special needs identified by operational, regional and/or headquarters level. *There are currently no plans for face-to-face sessions.*

An online reference also provides a high level overview for those who are new to RESULTS and need a general overview of the application components.

### List of Core Modules

| Type | Topic | Last Updated |
|---|---|---|
| Powerpoint | Module 1: Obligation Reporting- Policy and Business Context<br><br>Policy and Business Context - Recording | Nov 2013<br><br>Oct 2014 |
| Powerpoint | Module 2: Obligation Reporting -Online Entry and Mandatory ESF Conditions<br><br>Online Entry and Mandatory ESF Conditions - Recording | Nov 2013<br><br>Oct 2014 |
| Powerpoint | Module 3: Obligation Reporting -Submitting by ESF<br><br>Submitting by ESF - Recording | Nov 2013<br><br>Oct 2014 |
| Powerpoint | Module 4: Obligation Reporting – Standards Unit Modifications Overview<br><br>Standards Unit Modifications Overview - Recording | Nov 2013<br><br>Oct 2014 |
| Powerpoint | Module 5: Obligation Reporting – Standards Unit Modifications – ESF<br><br>Standards Unit Modifications - ESF - Recording | Nov 2013<br><br>Oct 2014 |