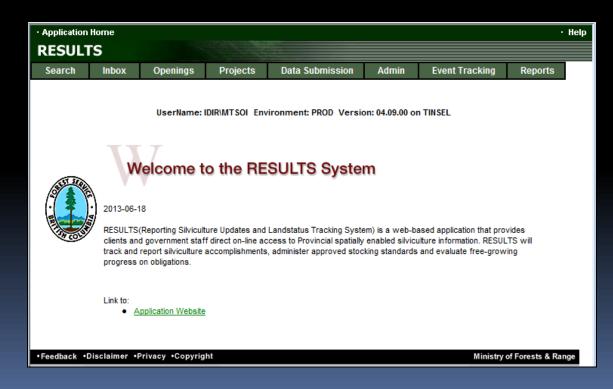
# **RESULTS Training**

## **Forest for Tomorrow**



# Learning Objectives

**Documentation Guidance** 

**Opening Codes and Funding source Codes** 

**Use of New vs. Existing Openings** 

**Forest Cover Reporting** 

**Mandatory System's Edit Rules for FFT** 

**Updating Planning Activities** 

#### **Reporting for**

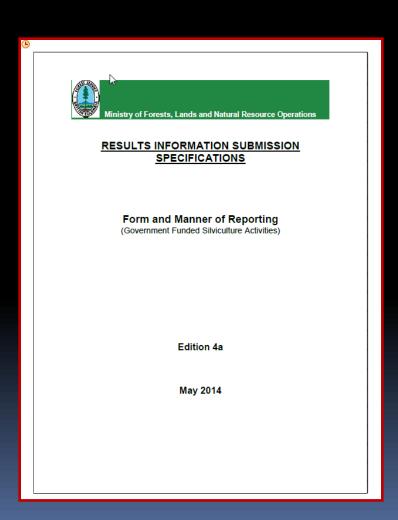
- Areas to be reforested to free growing
- FFTFTLC
- FFTITSL
- Aerial Fertilization
- Juvenile Spacing

**Quality Assurance** 

### **Business Guidance**

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

http://www.for.gov.bc.ca/HFP/publications/00220/RISS\_gf\_Edition\_4a\_2014\_May.pdf



Outlines all components of reporting related to go Government Funded activities

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



### RESULTS INFORMATION SUBMISSION SPECIFICATIONS

Form and Manner of Reporting

(Licensee Submissions)



3b Edition

January, 2011



FOR OPENINGS WITH TREED RETENTION



Edition 1.2

July 28, 2009



Post Harvest Reporting Requirements

for

**Small Scale Salvage** 

Licences to Cut



September 20, 2006

These documents are the established provincial standards for the mandatory reporting requirements.

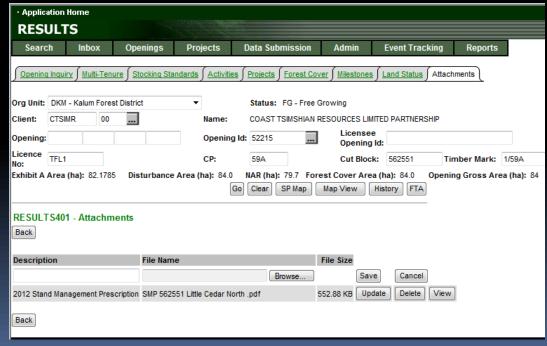
Any additional requirement will be referred through policy or contract documentation.

### **Attachment Standard**



Reporting may require attachments attached to opening (ie. stand management prescription, eligibility surveys, site monitoring data, etc.)

Must adhere to attachment standard that discusses size format, size limits, and number of attachments per opening



nttp://www.for.gov.bc.ca/his/results/RESULTS\_Attachment\_Standard\_for\_Government\_Funded\_Programs\_20100716.pdf

# Understanding Opening Category Codes (pp. 7-8)

#### Government Funded Silviculture Activities - Version 4.0

Ta	ble 1	ιo	pening	Categor	y Codes

Table I O	pening Category Codes	
Code	Description	Details
CONT	Contractual Agreements	Openings managed under Forest Carbon Partnership Program Project
EXCLU	Openings excluded from Crown managed forests	Openings within newly created parks or other protected areas, or openings on crown land that have been transferred to private ownership.  *'EXCLU' openings should have their opening status set to retired 'RMD' so that they are not tallied in RESULTS reports.
FFTFLTC	Forest for Tomorrow – Forestry License to Cut	BCTS Forestry License to Cut (FLTC), District administered, restricted to the Forests For Tomorrow program.
FFTITSL	Forest for Tomorrow – Innovative Timber Sale License	BCTS initiative, BCTS administered, restricted to the Forest For Tomorrow program. The FFTITSL will always have an overlapping NREQ opening to report the pre-harvest FFT survey activities
FTFSM	Forest Tenure - Forest Stand Management FPC s.71, S.30 FRPA	Pertains to Non Replaceable Forest Licenses (NRFL) only, where the free growing obligations have been transferred to the government under the FPC Act s. 7110, or Non-Replaceable licenses under s.30 of FRPA as well.
FTLEVY	Blocks with silviculture obgliations under FPPR s.46, for which a <u>silviculture levy</u> (Forest Stand Levy) under the Forest Stand Management Fund Regulation has been collected	Pertains to Small Scale Salvage Forestry License to Cut (FLTC's), not NRFLs.
FTNOLVY	Post April 1/09 blocks (1-5 ha) with silviculture obligations for which no silviculture levy has been collected	Pertains to Small Scale Salvage Forestry Licenses to Cut (FLTC's), not NRFLs.
FTMSL	Forest Tenure - Ministry Silviculture Liability	Instances where a licensee has become insolvent, the opening is not free growing, and the Ministry is now managing the silviculture liabilities.
NDAML	Natural Disturbance - area-based Major Licensee	Non-tenured post-87, fire, wind, severe drought, insect or disease attack in major licensee area-based tenures.
NDCF	Natural Disturbance - Community Forest	Non-tenured post-87, fire, wind, severe drought, insect or disease attack in community forest tenures.
NDFS	Natural Disturbance - Forest Service	Non-tenured post-87, fire, wind, severe drought, insect or disease attack in areas with no overlapping silviculture obligations. Includes under-planted stands (no

overstorey removal)

Guidance on current assignment of opening categories

RESULTS has old historical codes that are retired for use

In some situations, you will be asked to update codes if old opening is being used.

Example: P87 (retired code) will need to be updated to NDFS if opening is actively used.

# Funding Source Codes (p. 9)

#### Government Funded Silviculture Activities - Version 4.0

#### Table 2 Funding Source Codes

Code	Description	Details
FRP	FRDA Application For Relief	Activities funded under FRPA s.108 account until the stand is brought to the same condition it was prior to the damaging event.
FTL		Activities funded by the FFT program that were carried out by licensees or recipients directly administered through third party administrator.
FTM		Activities funded by the FFT program that were carried out by branch, regions or districts internally or with direct Ministry contracts to FFT recipients.
CBI	Carbon Offset Investment	
GFS	Forest Stand Management Fund	

Must use correct codes for planned and completed activities to ensure accurate budgeting planning and accomplishment reporting



Ministry of Forests and Range Silviculture Five Year 1 Planning Report 2 
 Page:
 1 of 1

 Date Printed:
 2014-11-12

 User Id:
 IDIR\MTSOI

 Database:
 DBP01

 Report Id:
 RACAM03

File:

Org Unit: All Admin Zone:
Client:
Management Unit: All Opening Category:

Funding Source: All Base Code: All

Fiscal Planning Date: 2015-04-01 to: 2020-03-31

riscal Flanning Date:	2015-04-01 <b>to</b> : 2	020-03-31										
	20	15/2016	20	16/2017	201	17/2018	201	8/2019	201	19/2020	5 \	Yr Total
	(ha)	(\$ '000) <sup>3</sup>	(ha)	(\$ '000) <sup>3</sup>	(ha)	(\$ '000) <sup>3</sup>	(ha)	(\$ '000) <sup>3</sup>	(ha)	(\$ '000) <sup>3</sup>	(ha)	(\$ '000) <sup>3</sup>
Surveys	134,251	2,410	59,682	7,856	49,299	938	49,560	1,179	24,603	716	317,394	13,099
Site Preparation	2,278	199	0	0	0	0	0	0	0	0	2,278	199
Planting	8,453	6,309	3,398	9,178	530	390	237	185	164	114	12,782	16,176
Brushing	1,550	816	1,329	615	277	121	1,524	764	1,487	682	6,167	2,998
Pest Control	0	0	103	171	0	0	0	0	0	0	103	171
Fertilization	9,618	3,730	1,956	420	0	0	0	0	0	0	11,574	4,150
Juvenile Spacing	593	42	610	800	156	111	48	62	41	1	1,449	1,017
Pruning	123	0	0	0	0	0	0	0	0	0	123	0
Audit	235	18	0	0	0	0	0	0	0	0	235	18
Total	157,102	13,524	67,078	19,041	50,262	1,559	51,369	2,189	26,295	1,513	352,104	37,827

Total No. of Activities	4,933	2,275	1,646	1,706	1,037	11,597
No. Missing Costs	1,718	481	401	325	189	3,114

## Fundamentals - Use of New Openings

**New Openings – Shell opening (must be initiated online to acquire Opening ID)** 

- Aerial fertilization
- Juvenile spacing
- FFT activities prior to ITSL
- Treatments on Wildfire Areas
- Carbon

**New Openings – Tenured openings** 

- FFTFTLC
- FFTITSL
- SSS

If new opening fully overlaps an existing free growing or several free growing openings, the old free growing opening(s) must be retired.

**Retirement is done by District RESULTS Contact** 

## Fundamentals – Use of Existing Opening

### **Existing Openings**

- Silviculture activities on areas not under silviculture obligation (ie. P87, NDFS, SPEX, and NREQ)
- Use only when disturbance/activity is within the existing opening and not overlapping.
- No updating is allowed for any FT-openings that had silviculture obligations to preserve information last submitted by licensee. (FTML, FTWL, FTSBF, FTLEVY, FTNOLVY, FTFSM, FTMSL)

If use existing opening, check to see if opening spatial exists. If not, then must supply opening spatial in addition to any other reporting requirement.

If using an existing opening and if it belongs to a obsolete category code such as Backlog (BL\*), Stand Management Prescription (SMP\*), Unauthorized Harvesting (UH\*), then must update opening category based on opening category code document.

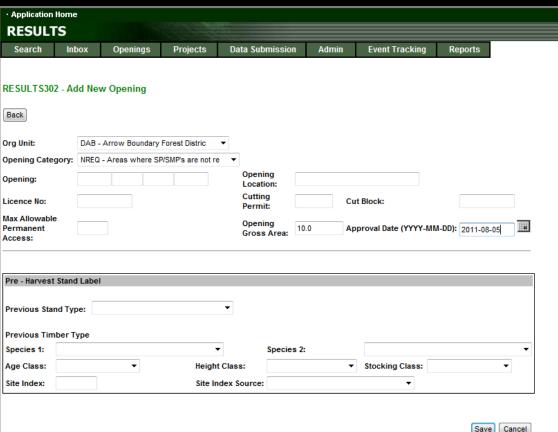
http://www.for.gov.bc.ca/his/results/Opening%2oCategory%2oCodes\_Nov\_2012.pdf

## Fundamentals – Shell Opening

Must be created online with mandatory data requirements based on reporting activity.

Mandatory data elements varies substantially so refer to appropriate Submission Specifications section.

After creating shell opening, Opening ID may be used for subsequent reporting via ESF.



## Submission Components (general)

- Opening Definition with Spatial (ESF)
- Disturbance Reporting (online<sup>1</sup> or ESF)
- Silviculture Activities Planned and Completed Activities (online<sup>1</sup> or ESF)
- Forest Cover with Spatial
- Milestone Declaration

### Optional, as required

- SU Modification (online<sup>2</sup>)
- Attachments<sup>3</sup>

<sup>&</sup>lt;sup>1</sup> Disturbance and Silviculture Activity –Wildfire Reporting, Aerial Fertilization and Juvenile requires spatial which must be submitted by ESF – refer to RISS-government

<sup>&</sup>lt;sup>2</sup> SU Modifications – any SU additions, deletions or modification of SUs that impacts on SU boundaries must be submitted by ESF with spatial

<sup>&</sup>lt;sup>3</sup> Attachment Policy

## Reforestation to achieve free growing

**Opening Definition – using shell opening due to no tenure.** 

If use existing opening must be only government responsible areas and not silvculture obligations.

- include openings spatial (include if missing)
- establish Standards Units with Standards Regime (Ministry defaults) and SU Map

**Disturbance Reporting** 

Silviculture Survey and Treatments (planned and completed)

#### **Forest Cover**

- from surveys or after treatments which changes forest cover label
- forest cover only can be done via ESF and must include spatial for entire opening

**Milestone Achievement** 

Attachments, if required

SU Modifications, if required, but can only be approved variation or site plan amendment Online allowed if changes with no impacts to spatial otherwise must be by ESF.

## Forest Licence to Cut (FFTFLTC)

For activities conducted on FLTC under FFT

**Opening Category: FFTFLTC** 

Reflect new tenure for complete harvested activities with SU and forest cover

Note that any FFT surveys or activities <u>PRIOR</u> to establishment of FTLC reported as a new non-tenured opening (shell opening)

## Innovative Timber Sales Licence (FFTITSL)

Note that any FFT surveys or activities <u>PRIOR</u> to establishment of ITSL is reported as a new non-tenured opening (shell opening as NREQ)

**BCTS initiate ITSL with disturbance harvesting** 

BCTS tracks opening and disturbance in CENGEA and creates new Opening with FFTITSL with opening definition, SU, disturbance and denuded forest cover

Subsequent silviculture management activities and updates (surveys, planting and forest cover updates, milestones, etc. reported to the same FFTITSL Opening that can be updatable by either BCTS or FFT).

# FTM or FTL Activity Reporting Unique Systems Check

#### **Planned activities**

- Mandatory planned cost for FTL or FTM
- If no planned cost provided, system will derive using provincial average cost (new)

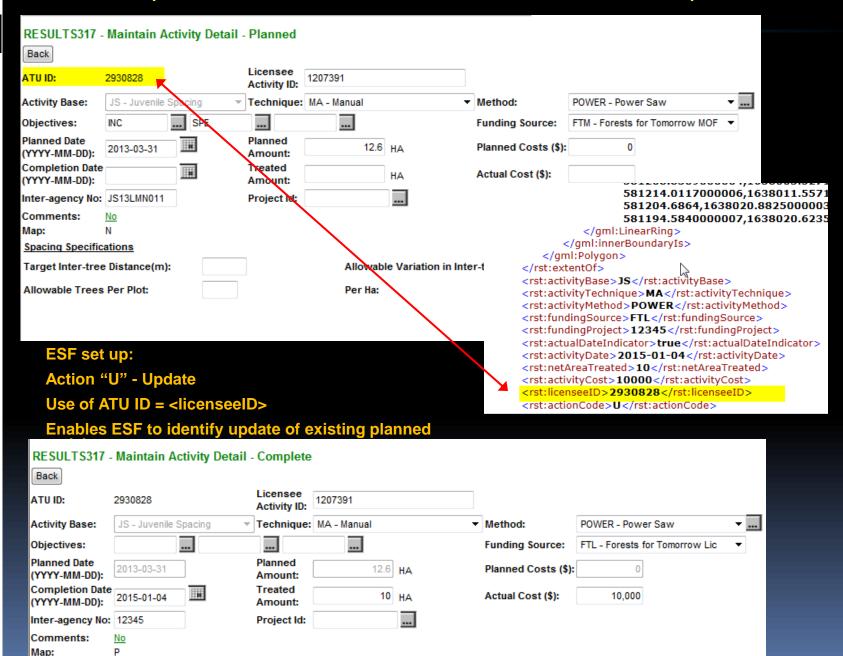
### **Confirmation of planned activities**

- Must close the loop or create orphan of planned activities.
- Confirmation can be done online if attribute only
- If spatial required, must be done via ESF (special set-up)

### **Completed Activities**

- Mandatory actual funding source code
- Actual cost mandatory for FTL or FTM (new)
- Mandatory of Inter-agency No (FIA Project No) (will be phased out as of 2015)

### ESF Set up - Confirmation of Planned Activities to Completed



## Forest Cover Updates – Entire Opening updates

Forest Cover updates must be done via ESF

Forest Cover updates must be <u>submitted for the entire opening</u> even if only a portion of the opening has underwent change. You are able to use the old label for the unchanged portion while update the label for the changed portion.

Forest Cover changes in RESULTS will trigger VRIMS to update vegetation inventory. The process is designed for entire opening!

Forest Cover updates will also be replicated into the BC GeoWarehouse that is used by other applications (eg. iMap, Mapview, Integrated Land Resource Registry and Data Distribution Service).

# Unique Reporting Situations

**Spacing** 

**Aerial Fertilization** 

### **Aerial Fertilization**

Pre-treatment assessment is reported to provide information on area that was considered for fertilization to minimize duplicate work. This contains entire assessed area including eligible and ineligible area.

**Opening Definition – if using shell opening** 

- No Opening spatial
- No Standard Units

No Disturbance

**Activity Reporting (planned or completed)** 

- Activity spatial mandatory
- Activity types:

pre-assessment assessment area planned fertilizer treatment completed aerial fertilizer treatment post-treatment assessment

No Forest Cover No Milestones

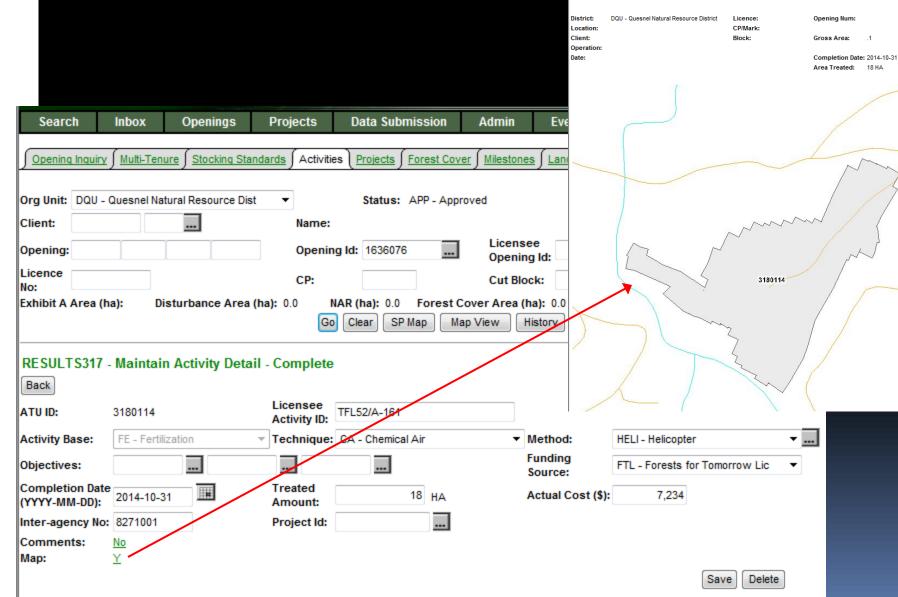
Attachments, if required

### **Aerial Fertilization**

Refer to Submission Specification on mandatory requirements for activity reporting Ensure spatial is provided.

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<rst:openingItem>
- <rst:SilviculturalActivity>
 - <rst:extentOf>
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    - <qml:outerBoundaryIs>
      - <qml:LinearRing>
          <qml:coordinates>1044482.893,451055.163 1044474.456,451085.539 1044505.222,451110.187 1044538.3
           1044578.406,451113.399 1044595.109,451149.636 1044645.002,451149.636 1044682.681,451108.788
           1044698.204,451089.97 1044706.366,451080.069 1044735.522,451112.828 1044744.947,451136.258
           1044745.483,451149.636 1044841.762,451149.636 1044881.723,451136.006 1044908.811,451121.54
           1044905.24,451072.775 1044886.791,451036.568 1044850.452,451008.831 1044840.149,450972.184
           1044843.609,450956.465 1044849.741,450928.629 1044839.03,450882.404 1044831.707,450850.801
           1044817.345,450812.603 1044813.291,450760.291 1044798.705,450734.636 1044599.589,450734.636
           1044599.472,450735.974 1044596.762,450747.526 1044595.491,450778.566 1044574.453,450797.663
           1044555.136,450847.734 1044520.745,450879.891 1044479.288,450907.425 1044478.824,450953.608
           1044491.989,451010.58 1044482.893,451055.163
        </gml:LinearRing>
      </gml:outerBoundaryIs>
     </gml:Polygon>
   </rst:extentOf>
   <rst:activityBase>FE</rst:activityBase>
   <rst:activityTechnique>CA</rst:activityTechnique>
   <rst:activityMethod>FIXED</rst:activityMethod>
   <rst:objective1>CGE</rst:objective1>
   <rst:fundingSource>FIL</rst:fundingSource>
   <rst:actualDateIndicator>true</rst:actualDateIndicator>
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   <rst:netAreaTreated>0.1</rst:netAreaTreated>
```

## **Aerial Fertilization**



· Application Home RESULTS

RESULTS337 - Activity Map

Search

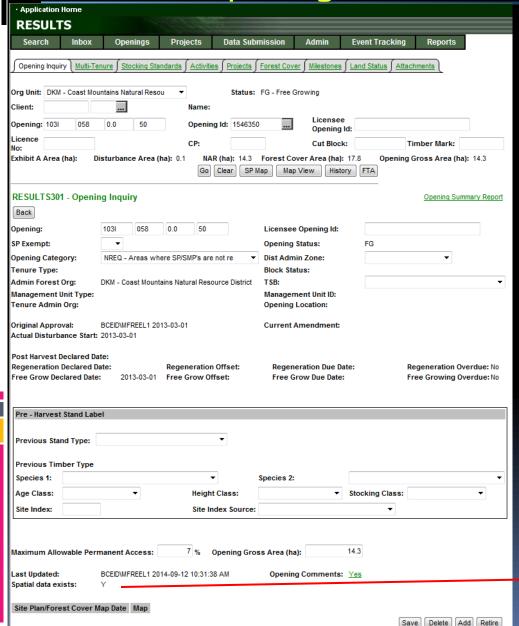
Back

Openings Projects

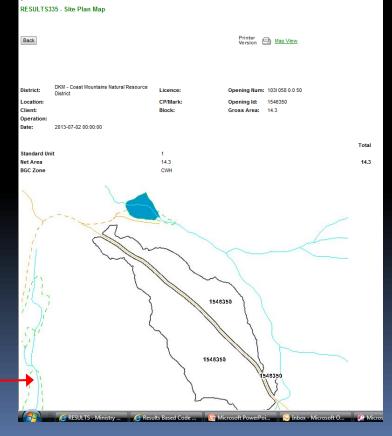
Data Submission

Map View

# Juvenile Spacing



Must use shell opening and the spacing activity must be on free growing (non-obligation) areas. Opening spatial is mandatory for spacing activities.



## **Juvenile Spacing**

#### Opening Definition – if using shell opening

- Opening spatial representing treatment area
- No Standard Units

Disturbance Required (must have disturbance in order to submit forest cover)

#### **Activity Reporting (planned or completed)**

- Activity spatial mandatory
- Activity types:
  - eligibility survey
  - planned spacing treatment
  - completed spacing treatment
  - post-treatment assessment

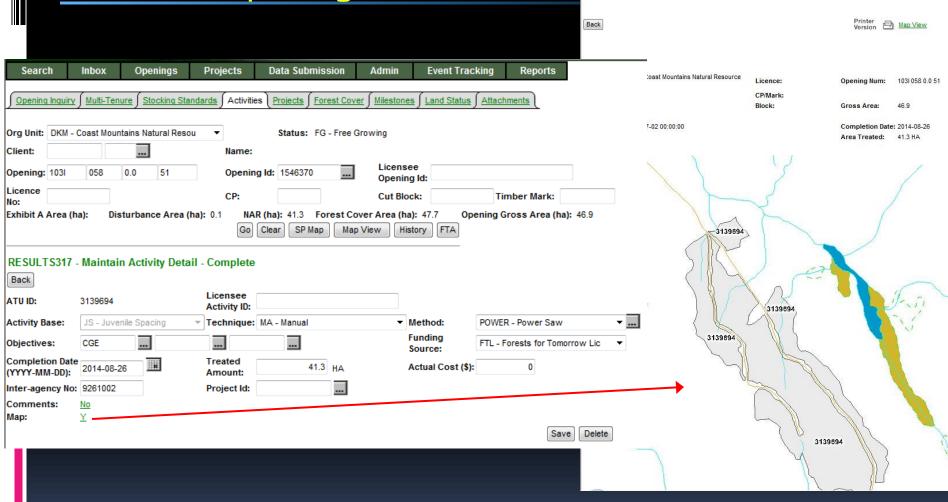
#### **Forest Cover with Map**

- required for pre-treatment stage for ground surveys if free growing forest cover inventory label is not within the last 5 years or no longer represents the current stand attributes.
- Post-treatment survey with spatial for entire treatment area representing the postspacing stand composition.

#### **No Milestones**

Attachments, if required

# Juvenile Spacing



· Application Home RESULTS

RESULTS337 - Activity Map

Projects

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

**Data Submission** 

Event Tracking

## Reporting responsibility

RESULTS tracks silviculture investments on Crown Land in order to achieve reforestation objectives. Opening information impacts vegetation inventory which will be used for timber supply reviews. These openings will be managed by multiple stakeholders and therefore needs to be concise, accurate and complete.

### Your responsibility is to:

- Understand the RISS-government funded document pertaining to your scope of reporting requirement
- Have sufficient knowledge and training to report to RESULTS
- Ensure that the data provided/submitted is accurate and complete as per submission standard

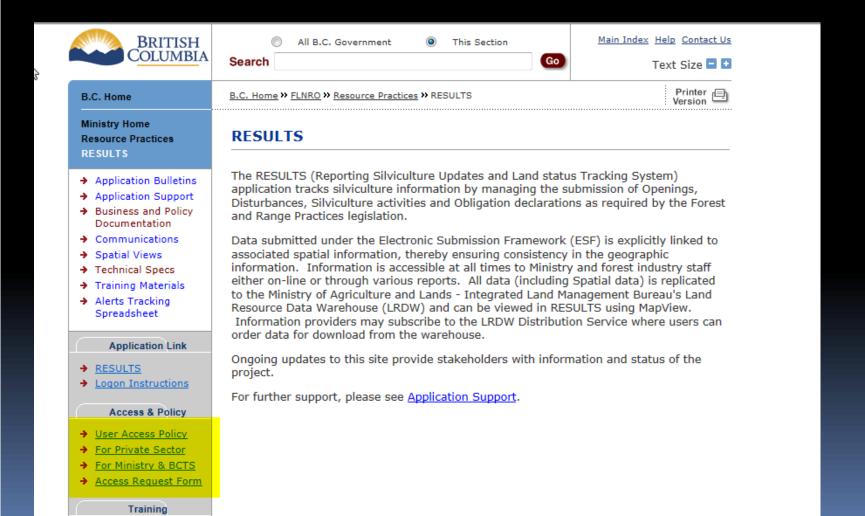
## Quality Assurance

RESULTS Team performs quality assurance for RESULTS data submissions using the RISS-government funded as the standard.

## **Getting Access to RESULTS**

Must have beeid or idir account and then apply via Access Request Form

If submitting for a licensee must be authorized by licensee to act on their behalf



### 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**

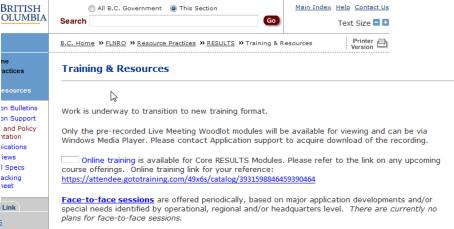
Please follow the steps below when you encounter a problem with RESULTS.

- Review the <u>RESULTS Questions & Answers</u> web page to determine if your question has already been answered.
- 2. Check with your district resource clerk/LIM staff, if appropriate.
- Contact your regional RESULTS contact if one exists. See the list of <u>Region and</u> Districts RESULTS contacts and BCTS TSO RESULTS contacts.
- 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: nrsenguiries@gov.bc.ca

			44	
<u>'</u>		istrict RESULTS cor		
Coast Region	Craig Wickland	Silviculture Forester	250 751-7094	Craig Wickland@gov.bc.c
South Island	Mark Palmer	Stewardship Forester	250 731-3077	Mark.Palmer@gov.bc.ca
North Island Central Coast	Andy Waines	Stewardship Forester	250 956-5030	Andy.Waines@gov.bc.ca
North Island Central Coast	Paul Barolet	A/Stewardship Officerr	250 956-5102	Paul.Barolet@gov.bc.ca
North Island Central Coast	Christina Mardell	Stewardship Forester	250 956-5089	Christina A.Mardell@gov.bo
Campbell River	Thomas Hartz	Authorizations Forester	250 286-9355	Thomas.M.Hartz@gov.bc.
Campbell River	John Andres	Stewardship Officer	250 286-9403	John Andres@gov.bc.ca
Sunshine Coast	Rainer Gruenhage	Tenures Forester	604 485-0777	Rainer Gruenhage@gov.bc
Squamish	Peter Barss	Natural Resource Forester	604 898-2102	Peter.Barss@gov.bc.ca
Squamish	Jodie Krakowski	Natural Resource Forester	604 898-2159	Jodie.Krakowski@gov.bc.c
Haida Gwaii	Sean Muise	Stewardship Forester	250 559-6258	Sean.Muise@gov.bc.ca
Chilliwack	Jack Sweeten	Stewardship Forester	604 702-5760	Jack.Sweeten@gov.bc.ca
Chilliwack	Ana Maria Gonzales	Senior Resource Technologist	604 702-5701	AnaMaria.Gonzalez@gov.bi
Northern Interior Region	Ljiljana Knezevic	Regional Silviculture Specialist	250 565-6982	Liiliana Knezevic@gov.bc
Fort Nelson	Shelly Boulton	Resource Clerk	250 774-5525	Shelly.Boulton@gov.bc.ca
Fort Nelson	Mary Viszlai-Beale	Stewardship Officer	250-744-5517	Mary.ViszlaiBeale@gov.bc
Peace	Elizabeth Hunt	Stewardship Officer	250 784-1242	Elizabeth.Hunt@gov.bc.c
Mackenzie	Carolyn Beurskens	Tenures Officer	250 997-2277	Carolyn.Beurskens@gov.bo
Mackenzie	Miodrag Tkalec	Stewardship Forester	250-997-2244	Miodraq.Tkalec@qov.bc.c
Prince George	Tammy Baerg	Tenures Forester	250-614-7461	Tammy.Baerg@gov.bc.ca
Vanderhoof	Cathy Middleton	Tenures Forester	250 567-6391	Cathy.Middleton@gov.bc.d
Fort St James	Carl Pollard	Stewardship Officer	250 996-5251	Carl.Pollard@gov.bc.ca
Fort St James	Andrew Tait	Stewardship Forester	250 996-5258	Andrew.Tait@gov.bc.ca
Skeena Region	Glen Buhr	Stewardship Officer	250 847-6308	Glen.Buhr@gov.bc.ca
Skeena Region	Jennifer Plummer	Stewardship Forester	250 847-6334	Jennifer.Plummer@gov.bc
Nadina	Carolyn Stevens	Stewardship Technician	250 692-2221	Carolyn.Stevens@gov.bc.
Kalum	Kevin Derow	Tenures Forester	250-638-5144	Kevin.B.Derow@gov.bc.c
Southern Interior Region	Bernie Peschke	Silviculture Practices Specialist	250 828-4590	Bernie Peschke@gov.bc.c
Headwaters	Katrina Sigloch	Stewardship Forester	250 371-6606	Katrina.Sigloch@gov.bc.c
Cascades	Don Parno	Stewardship Forester	250 378-8454	Don.Pamo@gov.bc.ca
100 Mile House	George Williamson	Stewardship Technician	250 395-7887	George Williamson@gov.bo
Central Cariboo	Kerri Howse	Stewardship Officer	250 398-4357	Kerri.Howse@gov.bc.ca
Kamloops	Katrina Sigloch	Stewardship Forester	250 371-6606	Katrina Sigloch@gov.bc.c
Quesnel	Puhallo Lee-ann	Stewardship Forester	250 992-4478	Leeann.Puhallo@gov.bc.c
000000000000	Barh Wadey	C & F Forester	250 837-7638	Rarh Wadev@dov bc.ca





#### List of Core Modules

general overview of the application components.

Туре	Topic	Last Updated
Powerpoint	Module 1: Obligation Reporting- Policy and Business Context	Nov 2013
	Policy and Business Context - Recording	Oct 2014
Powerpoint	Module 2: Obligation Reporting -Online Entry and Mandatory ESF	Nov 2013
	Conditions	Oct 2014
	Online Entry and Mandatory ESF Conditions - Recording	
Powerpoint	Module 3: Obligation Reporting -Submitting by ESF	Nov 2013
	Submitting by ESF - Recording	Oct 2014
Powerpoint	Module 4: Obligation Reporting – Standards Unit Modifications	Nov 2013
	Overview	
		Oct 2014
	Standards Unit Modifications Overview - Recording	
Powerpoint	Module 5: Obligation Reporting – Standards Unit Modifications – ESF	Nov 2013
	Standards Unit Modifications - ESF - Recording	Oct 2014
Powerpoint	Module 6: Obligation Reporting – Standards Unit Modifications –	Nov 2013
	Online	
		Oct 2014
	Standards Unit Modifications - Online - Recording	
Powerpoint	Module 7: Obligation Reporting – Ministry Approver Processing	Nov 2013
	Obligation Reporting - Ministry Approver Processing - Recording	Oct 2014

An online reference also provides a high level overview for those who are new to RESULTS and need a