

DRAFT

8:30 am – 12:00 pm, Thursday, September 27, 2018

Location:

Louisiana-Pacific Canada Ltd.
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250-344-8800

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Conference call:

1-877-353-9184 Participant Code: 2396379#

Agenda

Time	Min.	#	Item	Presenter
8:30	10	1	Introductions and Agenda	Co-chairs
8:40	10	2	Membership	Co-chairs
8:50	20	3	✓ Action Items and Minutes from June 25 and other meetings	Co-chairs
9:10	5	4	✓ Climate-based seed transfer update	Pat
9:15	10	5	CF Guiding Principles	Co-chairs
9:25	20	6	✓ OTIP Review	Annette
9:45	15		<i>Coffee</i>	
10:00	10	7	SelectSeed’s cash reserves	Henry
10:10	60	8	✓ Pli seed needs and new orchards	Co-chairs
11:10	30	9	New Business	Co-chairs
11:40	5	10	News and events	Brian
11:45	5	11	Next meeting	Co-chairs
11:50	5	12	In camera session	Co-chairs
12:00			<i>Lunch</i>	

Proceedings

This meeting is preceded by a field tour hosted by Scott King, RPF, and a dinner for FGC members, SelectSeed board members, speakers and guests at the Kicking Horse River Lodge. Dinner will also include recognition for departing FGC members and a presentation on forestry in Finland by Stephen Joyce. See separate agenda for details.

1. Introductions and Agenda

There being adequate notice served and a quorum of members present, the co-chairs may call the meeting to order, welcome participants and guests, confirm regrets and proxies, and review the agenda.

Suggested motion:

The Agenda for this meeting is hereby approved.

2. Membership

The three-year appointment terms for the following members expired on Sept 1. 2018.

- Joe LeBlanc, RPF, Interfor Corp. - Coastal Seed User Rep, since 2005.
- Scott King, RPF, Louisiana-Pacific - Interior Seed User Rep. (large tenures), since 2006.

- Gernot Zemanek, Roserim Nursery and Woodlot - Interior Seed User Rep (small tenures), since 2009.
- Dr. Rob Guy, UBC Forestry - Universities Rep., since 2009.

Diane Nicholls, Chief Forester appointed Gernot to another 3-year term, effective Sept. 1, 2018. She also sent letters of thanks to the three departing members, and appointed the following persons for 3-year terms, effective Sept. 1, 2018.

- Robert (Bob) Johnson, RPF, Capacity Forest Management – Coastal Seed User Rep
- Bill Laing, RFT, Conifex Mackenzie – Interior Seed User Rep (large tenures)
- Dr. Jurgen Ehling, UVic Centre for Forest Biology – Universities Rep.

3. Action items and Minutes from June 25, 2018 and other meetings

The draft minutes of the FGC meeting and SelectSeed AGM held on June 25, 2018 were sent as separate documents. The latter minutes are to be approved at next AGM in June 2019.

Action Items from FGC June 25, 2018 meeting:

Person	Actions	Status
FGC	Discuss metrics for advancing FGC’s objectives at the next meeting at Sept mtg.	Item #9
Pat	Forward ministry’s LBIS budget allocations to FGC’s program and activities to members & Brian.	Completed
Pat	Circulate revised “Process and timelines for next generation Pli replacement orchards for the new Bulkley Valley zone”.	Completed
FGC	Review above updated process and timelines and provide comments to Pat.	Completed
Pat, Jeff, Kori and Brian	Pat, Jeff, Kori and Brian to develop terms of reference (scope, process etc.) for undertaking future seed needs analysis for Pli under CBST, with support from FIRM staff and consultant(s) as appropriate.	In progress Item #8
Margot	Provide information re new GW codes to orchard managers, ITAC and CTAC, and seed users.	Completed
Annette	Complete and circulate OTIP discussion paper	Item #6
Joe, Scott, Gernot and Rob	Consult with their respective stakeholder groups to confirm their continued service and/or solicit nominations for new representatives.	Completed Item #2
Domenico & Annette	Discuss recommendations for a new coastal seed producer rep.	In progress
Pat & Brian	Prepare suitable acknowledgements for any departing councilors	In progress
Brian	Provide airline options for FGC’s Sept meeting in Golden and assist with coordinating travel.	Completed

Minutes June 25, 2018:

A motion approving the draft minutes from the June 25, 2018, meeting is required.

Suggested motion:

The minutes of the FGC meeting held June 25, 2018 are hereby approved.

Action items from other meetings:

The following actions from previous meetings are provided for information and follow-up as appropriate.

Meeting Person(s)	Actions	Status
FGC Dec 8, 2017 FGC	Review new model and update FGC Bylaws following 2018/19 budget submission – as deemed necessary - in Spring 2018. (Carry forward from approved Streamlining actions)	Deferred
FGC Dec 8, 2017 FGC	Initiate processes to develop an FGC Communication and Extension plan in 2018/19. (Carry forward from approved Streamlining actions)	Deferred
FGC Dec 8, 2017 Brian	Forward FGC’s seed use recommendations to Diane Nicholls. Chief Forester Guidance on Seed Supply and Use in Areas Affected by the 2017 Wildfires	Completed CF distributed Aug 10, 2018
FGC March 15, 2018 FGC	Review laws and principles governing seed pricing at a future meeting.	Deferred
FGC March 15, 2018 TAC Chairs & FGC Prog. Mgr	Adjust and improve budget and business planning process for next fiscal year.	Due Dec Mtg.
Society AGM June 25, 2018 Brian	Forward the proposed transition plan changes (to Society Constitution and Bylaws) to members... Deadline for submission is Nov 2018	In progress
SelectSeed AGM June 25, 2018 Board	Provide rationale for recommended cash reserve for SelectSeed.	Item #7
SelectSeed AGM June 25, 2018 Brian	Inform FGC of any recognition events for Glen Dunsworth	Completed

4. Climate-based seed transfer update

Standing item. Pat will provide a verbal update on the implementation of CBST.

5. Chief Forester’s Guiding Principles

Since the last FGC meeting, some Councillors raised the question of whether it is time to review and revise the [Guiding Principles Respecting Public and Private Seed Orchard Management in BC.](#)

The Co-Chairs discussed this question, assessed the potential draw on resources, and considered options. At this time, the Co-Chairs believe that the best course of action is to proceed with the current document, and apply it intelligently to the questions at hand. We will proceed on this basis for now, monitor the situation, and reconsider if necessary.

6. OTIP Review

In March, ITAC raised the question of OTIP eligibility for costs associated with grafting and establishing new seed orchard ramets (replacement vs expansion) to FGC. Annette and Kori offered to review and report back to FGC.

Annette, Kori, Brian and Stephen Joyce have prepared a draft report (provided separately). Annette will summarize the report.

7. SelectSeed Cash Reserves

Following a review of the SelectSeed's financial statements and revenue forecasts at the company's AGM held on June 25, the Board was asked to provide its rationale for its recommended cash reserves.

SelectSeed's Board of Directors are scheduled to meet the previous day to discuss this topic. Henry Benskin, President, will present its rationale on behalf of the Board.

8. Pli Seed Needs and New Orchards

In June, FGC discussed Pat's proposed process and timelines for next generation Pli seed orchards (BV zone) and Nick Ukrainetz's Pli orchard expansion plan for four new CBST-based breeding zones.

Jack Woods subsequently prepared and circulated a report to FGC and ITAC "Future lodgepole pine orchard needs in BC under climate-based seed transfer". Jack's analysis was based on past 5-year Pli seed use and planting numbers (SPAR and RESULTS data), current orchard coverage, and a range of orchard ramet estimates for Nick's four proposed Pli zones.

Jack provided an overview of his analysis to ITAC and several FGC members in a conference call held on Sept. 7, 2018 (see attached presentation).

Jack estimated the total number of orchard ramets required is 43k to 77k for all four zones, and 25k to 44k for the new 'BV' (the largest) zone. Jeff indicated the latter lower figure better corresponds with an anticipated 50% decline in Pli planting numbers in the central interior.

Follow-up action items from this call included:

1. **Brian** to schedule FGC subcommittee call to discuss linking seed needs forecasting with timber supply - within 2 weeks - as per FGC's June 25 action item:
Pat, Jeff, Kori and Brian to develop terms of reference (scope, process etc.) for undertaking future seed needs analysis for Pli under CBST, with support from FIRM staff and consultant(s) as appropriate.
2. **Nick** to review and may refine the new zones, including the excluded BEC vars and the BEC var overlaps between the four new zones.
3. Subject to outcomes for items 1 & 2, (and taking into account purported higher seed production from seedling-based orchard trees), **Jack** to update Pli seed needs analysis and orchard ramets # ranges required for new 2nd gen orchards for the four new zones.
4. **Annette and Kori (with FIRM support)** to provide CBST updates at upcoming CTAC, ITAC, and other meetings so seed users understand current orchard supply (coverage) and potential seed supply gaps. Fall-winter 2018/19.
5. **Brian, Kori, Annette and Margot** to discuss process for updating/revising Species Plans to reflect CBST, Pli seed needs analysis (item #3) and ITAC and CTAC input to-date - this fall - as per FGC March 15 action item: Recommend process and timelines for updating Species Plans to reflect CBST and changes in future seed demand, with input from FIRM and others at FGC Sept or Dec. mtg.

6. **FIRM** to proceed with controlled cross and scion collection for new BV zone as per timelines in Nick's Pli report – Table 2.
7. **FIRM** to undertake reviews similar to Nick's for other species' breeding programs in the coming years.
8. **FGC** to review above actions at its next meeting Sept. 27 in Golden.

Another factor to consider in the above steps is FGC's forest health goal and performance measure (e.g. new pest-resistant orchards and seedlots).

Pat also offered the following points of clarification:

1. Nick's new Pli deployment zones will apply to seed from the next gen orchards. For existing orchards, deployment zone is determined by CBST (and Geographic-based seed transfer (GBST)).
2. The breeders will be exploring the methods used by Nick and their application to other species, but we do not expect new zones to emerge from this work for a few years.
3. We are still on schedule for the release of the next gen material. At this point, to VSOC-Quesnel and FLNR-PGTIS.
4. Orchard management (e.g., roguing, custom collections, adding ramets, etc.) intended to change the CBST-determined deployment area should be guided by input from the breeder.

Results from the seed needs and timber supply forecasting exercise (follow-up action #1) are not expected to be available for several months. In the interim, the Ministry intends to start allocating new parent tree materials for the new BV zone to FGC-endorsed orchard proponents.

The total area required to establish 25K ramets for the new BV zone (based on 50% of current Pli seed planting in the zones BEC variants) is 87.5 ha. This area (and its required resources) may be larger than VSOC's and the Ministry's capacity.

SelectSeed is prepared to examine new orchard opportunities and present a business case to FGC, if provided with a mandate.

Subject to discussions re the above items, the co-chairs propose the following motions:

Motion: Council endorses a preliminary target of X ramets for the next generation Pli orchards for the new BV zone.

Motion: Council directs SelectSeed to develop a business case for a next generation Pli orchard for the new BV zone.

9. New Business

The Co-chair are asking Councillors what they think about creating a one page "dashboard" of key statistics/indicators that are relevant to FGC business? This could be used to start off FGC meetings.

If Councillors like the idea, what key statistics/indicators should be included in a dashboard?
For consideration and discussion.

10. News and Events

[Four cone collections workshops](#) were/will be held in June sponsored by the Ministry, TimberWest, BC Timber Sales, Coastal Silviculture Committee, Selkirk College and FGC.

Large cone collections this year from both orchards and wild stands are resulting in high volumes of cones requiring processing at the Tree Seed Center (TSC). Total est. volume is the largest in over 8 years. Orchard & wild stand Fdi and Sx crops are more than double the previous record volume processed

by the TSC. Priority request volumes for Fdi and Sx are more than 5 times the 10-year average. TSC staff are taking a variety of actions to manage the situation. Out-of-province clients have been informed the TSC cannot accept their cones until Feb 2019, at the earliest.

The TSC is celebrating its 60th anniversary. Associated events include open house during National Forest Week, a Minister's visit on Sept, 26, and a [technical workshop on Oct 16-17](#).

The ministry will soon begin consultation on an update to the Cone and Seed Fee Schedule.

11. Next meeting

The next quarterly meeting (conference call) is proposed for December 2018.

A date can be determined at this meeting or through Doodle poll.

12. In camera session

At the request of the co-chairs, this has been added to FGC agendas as a standing item.

Adjourn

A resolution to adjourn the FGC meeting is needed.

Lunch and a tour of LP's veneer lumber mill will follow the meeting. RSVPs for mill tour to Brian or Scott.