

May 31, 2018
Her Worship Mayor Barbara Desjardins and Councillors
Township of Esquimalt
1229 Esquimalt Road
Esquimalt, BC
V9A 3P1

This is a follow up to my letter of February 14, 2018, and is specifically in response to Advisory Planning Commission comments.

It was a very interesting meeting with the APC Committee members. For the most part, the majority of the panel favored the proposal with comments such as:

- Good example of infill
- Love that you are keeping the existing home
- Sustainable and thoughtful approach
- No problem with density
- Respects the SFD nature of the neighbourhood
- Like that duplex is cloaked from the street
- Proposal does not pressure the site
- Size makes sense for a family home



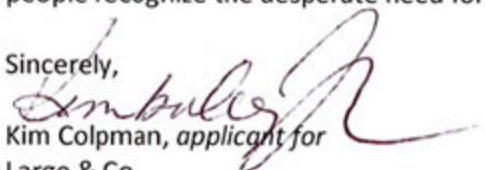
However, even though there was recognition that the size was warranted to accommodate families, some could not get past the look of the duplex. They felt it was 'massive' and looked boxy/ugly. Their recommendation to 'decline' (which was described as a 'soft decline') rather than 'recommend with conditions' was explained as an opportunity for us to be creative and use our expertise to address the look of the building and make it appear less massive.

As such, Zebra Design has re-imagined the exterior to create a completely different and more pleasing appearance. Even though the duplex will hardly be seen from the street, this new design mitigates the feeling of a massive structure for those that will see it. We believe the opportunity to make these changes has made the proposal even better.

Our proposal represents sustainable, gentle densification that respects the existing built environment. The streetscape remains virtually unchanged, yet we are able to create 2 new, functional 3BR family homes with ground level access to outdoor amenity space and parking onsite (with electric car chargers!)

We canvassed 37 neighbours, were able to speak to 36 of these, and as a result **94.3%** are not against our project (29 in favor, 4 neutral and only 2 against). Five years ago, this result would have been reversed, however people recognize the desperate need for housing and are supportive of thoughtful infill.

Sincerely,


Kim Colpman, applicant for
Large & Co

February 14, 2018
Her Worship Mayor Barbara Desjardins and Councillors
Township of Esquimalt
1229 Esquimalt Road
Esquimalt, BC
V9A 3P1



Introduction

The proposal before you is a request to rezone the property at 1109 Lyall Street and create a strata development that provides for retention of an existing, immaculately preserved home and the addition of two new family homes (duplex) on the property.

The placement of the existing home at the front corner on this large lot of 949m² (10,215ft²), provides an opportunity to build two additional new, modest family homes. Responsible land use like this spreads the land cost over 3 homes thereby reducing the housing price from what it would be if we could only have 2 homes on this property. With Esquimalt's land base mostly built upon, growth will only be achieved through in-fill opportunities such as this. When it presents, we must be innovative and open to what is possible.

Our proposal supports sustainable development by retaining the existing home and keeping it out of the landfill. It promotes sustainability through creative use of land within the urban core. When we think of sustainability, we must consider keeping urban settlements compact, building in already disrupted areas and creating housing close to amenities and transportation. We must also consider how to create opportunities for access to attainable housing, which ultimately supports social cohesion and personal well being within your community.

We canvassed 37 neighbours, were able to speak to 36 of these, and as a result **94.3%** are not against our project (29 in favor, 4 neutral and only 2 against). A complete package including letter to Mayor and Council specific to this initiative, a map, and signed letters are attached.

Government Policies

In creating this plan, we reviewed the various government policies and come forward with an application that supports its intentions. The impetus for this proposal comes from the municipality's need to address housing demand pressures by maximizing the use of available land and doing so with creative, harmonious developments.

This section explores the various government policies and highlights how our proposal supports their goals and objectives.

Regional Growth Strategy

The Townships of Esquimalt supports the policies and initiatives of the CRD's Regional Growth Strategy (RGS). There are 2 main objectives of this strategy that are reflected in our proposal.

- **Keep Urban Settlements Compact** - *Increase the amount of detached and ground access housing within the urban containment and servicing area in the core municipalities of*

Victoria, Esquimalt, Saanich and Oak Bay ; and Create a pattern of major centres within a firm urban containment boundary that will over time, result in the concentration of most new growth in the centres and connecting corridors, that can be effectively served by express-bus transit.

- **Build Complete Communities** - Establish policies to facilitate urban development that contributes to greater community completeness, in particular by supporting: new housing within a ten-minute walk of existing business and community services and facilities; and locate new growth within 400 metres of transit routes.
- **Improve Housing Affordability** - Increased residential densities and an expanded stock of attached housing may enhance general affordability, by expanding the choice of more affordable housing types, and by reducing the need to rely on travel by car to reach services.

Official Community Plan

The following section highlights those OCP objectives that are supported by our proposal.

Land Use and Development objectives are established to promote sustainable land use and development within the community, which are supported by our proposal. These include:

- Encourage small scale redevelopment / infill that improves and enhances the appearance and livability of single-unit and two-unit neighbourhoods and the community as a whole.
- Facilitate moderate densification in accordance with the overall objectives and statements of the Regional Growth Strategy and which will meet the municipality's anticipated housing needs.
- Encourage high quality development that enhances and benefits the community as a whole.
- Encourage a mix of land uses in Esquimalt that facilitate walking, cycling, transit use, car sharing and car pooling.

Residential Land Use highlights how most of Esquimalt's land base is already built upon, stressing that modest growth is likely to occur through the infilling of vacant or under-utilized parcels or redevelopment of existing residential properties to higher densities.

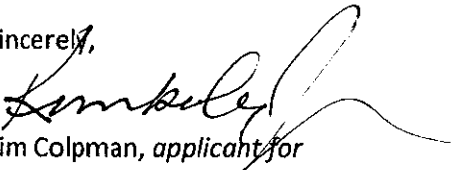
- Work toward a more "complete community" by maintaining a healthy mixture of housing types, accommodating people with a wide range of income levels.
- Encourage new residential development with high design standards for building and landscaping and which enhance existing and new neighbourhoods.

Design Guidelines – DPA – 5 outlines the need for the existing home to be upgraded to blend with new units and create a cohesive appearance; for new units to be complimentary in design and scale to the surrounding buildings and have been designed to minimize overlooks to neighbours.

- New two-unit dwellings should be designed to be consistent with and preserve the proportions and patterns of existing residential buildings in the immediate vicinity.
- Innovative and creative site-specific two-unit dwellings are encouraged where yard space is maintained either on the ground or as rooftop gardens.

- Side by side unit configurations are preferred as these result in a greater number of units facing the street, less disruption of privacy, and a more equitable division of outdoor amenity areas between the two dwelling units.
- Rooflines of new development should relate in height, shape and pitch to existing residential buildings in the immediate area.
- Buildings should be designed to minimize visual intrusion onto the privacy of surrounding homes.
- The height and massing of new two-unit dwellings should be designed to minimize the casting of shadows onto the private outdoor space of adjacent residential dwellings.
- A landscaping plan showing is required for every new two-unit dwelling. Landscaping should add to the aesthetic appeal of the streetscape as well as provide privacy between dwelling units.
- The provision of private open space should be part of an overall site development and landscape plan
- Where possible, hydro meters will not be placed on the front façade of a building and, if placed on the side of a building which is visible from the street, will be appropriately screened.

Sincerely,



Kim Colpman, *applicant for*
Large & Co



GREEN BUILDING CHECKLIST

The purpose of this Checklist is to make property owners and developers aware of specific green features that can be included in new developments to reduce their carbon footprints to help create a more sustainable community.

Creating walkable neighbourhoods, fostering green building technologies, making better use of our limited land base and ensuring that new development is located close to services, shops and transit are some of the means of achieving sustainability.

The Checklist which follows focuses on the use of **Green Technologies** in new buildings and major renovations. The Checklist is not a report card, it is a tool to help identify how your project can become 'greener' and to demonstrate to Council how your project will help the Township of Esquimalt meet its sustainability goals. It is not expected that each development will include all of the ideas set out in this list but Council is looking for a strong commitment to green development.

There are numerous green design standards, for example, Built Green BC; LEED ND; Living Building Challenge; Green Shores; Sustainable Sites Initiative. Esquimalt is not directing you to follow any particular standard, however, you are strongly encouraged to incorporate as many green features as possible into the design of your project.

As you review this checklist, if you have any questions please contact **Development Services** at 250.414.7108 for clarification.

**New development is essential to Esquimalt.
We look forward to working with you
to ensure that development is
as green and sustainable as possible.**

Other documents containing references to building and site design and sustainability, which you are advised to review, include:

- Esquimalt's Official Community Plan
- Development Protocol Policy
- Esquimalt's Pedestrian Charter
- Tree Protection Bylaw No. 2664
- A Sustainable Development Strategic Plan for the Township of Esquimalt

Adopted on January 10th, 2011



"One-third of Canada's energy use goes to running our homes, offices and other buildings. The federal government's Office of Energy Efficiency (Natural Resources Canada) reports that a corresponding one-third of our current greenhouse gas (GHG) emissions come from the built environment."
[Green Building and Development as a Public Good, Michael Buzzelli, CPRN Research Report June 2009]

Please answer the following questions and describe the green and innovative features of your proposed development. Depending on the size and scope of your project, some of the following points may not be applicable.

Green Building Standards

Both energy use and emissions can be reduced by changing or modifying the way we build and equip our buildings.

- 1 Are you building to a recognized green building standard? Yes ☒ No
If yes, to what program and level?
- 2 If not, have you consulted a Green Building or LEED consultant to discuss the inclusion of green features? Yes ☒ No
- 3 Will you be using high-performance building envelope materials, rainscreen siding, durable interior finish materials or safe to re-use materials in this project? ☒ Yes ☐ No
If so, please describe them. *Hardi plank siding*
- 4 What percentage of the existing building[s], if any, will be incorporated into the new building? *N/A* %
- 5 Are you using any locally manufactured wood or stone products to reduce energy used in the transportation of construction materials? Please list any that are being used in this project.
from Steggs Materials on Admirals road
- 6 Have you considered advanced framing techniques to help reduce construction costs and increase energy savings? ☒ Yes ☐ No
- 7 Will any wood used in this project be eco-certified or produced from sustainably managed forests? If so, by which organization? *see attached*
For which parts of the building (e.g. framing, roof, sheathing etc.)? _____
- 8 Can alternatives to Chlorofluorocarbons and Hydro-chlorofluorocarbons which are often used in air conditioning, packaging, insulation, or solvents be used in this project? If so, please describe these. *N/A* Yes ☒ No
- 9 List any products you are proposing that are produced using lower energy levels in manufacturing. *N/A*
- 10 Are you using materials which have a recycled content [e.g. roofing materials, interior doors, ceramic tiles or carpets]? Yes ☒ No
- 11 Will any interior products [e.g. cabinets, insulation or floor sheathing] contain formaldehyde? Yes ☒ No

only putting carpet on stairs some recycled rubber in it.

Water Management

The intent of the following features is to promote water conservation, re-use water on site, and reduce storm water run-off.

Indoor Water Fixtures

- 12 Does your project exceed the BC Building Code requirements for public lavatory faucets and have automatic shut offs? N/A No
- 13 For commercial buildings, do flushes for urinals exceed BC Building Code requirements? Yes N/A No
- 14 Does your project use dual flush toilets and do these exceed the BC Building Code requirements? Yes No
- 15 Does your project exceed the BC Building Code requirements for maximum flow rates for private showers? Yes No
- 16 Does your project exceed the BC Building Code requirements for flow rates for kitchen and bathroom faucets? Yes No

Storm Water

- 17 If your property has water frontage, are you planning to protect trees and vegetation within 60 metres of the high water mark? [Note: For properties located on the Gorge Waterway, please consult Sections 7.1.2.1 and 9.6 of the Esquimalt Official Community Plan.] Yes No N/A
- 18 Will this project eliminate or reduce inflow and infiltration between storm water and sewer pipes from this property? Yes No N/A
- 19 Will storm water run-off be collected and managed on site (rain gardens, wetlands, or ponds) or used for irrigation or re-circulating outdoor water features? If so, please describe. Yes No N/A
- 20 Have you considered storing rain water on site (rain barrels or cisterns) for future irrigation uses? Yes No N/A
- 21 Will surface pollution into storm drains will be mitigated (oil interceptors, bio-swales)? If so, please describe. Yes No N/A
- 22 Will this project have an engineered green roof system or has the structure been designed for a future green roof installation? Yes No N/A
- 23 What percentage of the site will be maintained as naturally permeable surfaces? 30% N/A

Waste water

- 24 For larger projects, has Integrated Resource Management (IRM) been considered (e.g. heat recovery from waste water or onsite waste water treatment)? If so, please describe these. Yes No N/A

Natural Features/Landscaping

The way we manage the landscape can reduce water use, protect our urban forest, restore natural vegetation and help to protect the watershed and receiving bodies of water.

- 25 Are any healthy trees being removed? If so, how many and what species? Yes No N/A
- Could your site design be altered to save these trees?
- Have you consulted with our Parks Department regarding their removal?

- | | | | | | |
|----|---|---------------------------|-----|----|-----|
| 26 | Will this project add new trees to the site and increase our urban forest?
If so, how many and what species? | <u>see landscape plan</u> | Yes | No | N/A |
| 27 | Are trees [existing or new] being used to provide shade in summer or to buffer winds? | | Yes | No | N/A |
| 28 | Will any existing native vegetation on this site be protected?
If so, please describe where and how. | <u>see landscape plan</u> | Yes | No | N/A |
| 29 | Will new landscaped areas incorporate any plant species native to southern Vancouver Island? | <u>see landscape plan</u> | Yes | No | N/A |
| 30 | Will xeriscaping (i.e. the use of drought tolerant plants) be utilized in dry areas? | <u>see landscape plan</u> | Yes | No | N/A |
| 31 | Will high efficiency irrigation systems be installed (e.g. drip irrigation; 'smart' controls)? | | Yes | No | N/A |
| 32 | Have you planned to control invasive species such as Scotch broom, English ivy, Himalayan and evergreen blackberry growing on the property? | | Yes | No | N/A |
| 33 | Will topsoil will be protected and reused on the site? | | Yes | No | N/A |

Energy Efficiency

Improvements in building technology will reduce energy consumption and in turn lower greenhouse gas [GHG] emissions. These improvements will also reduce future operating costs for building occupants.

- | | | | | |
|----|--|-----|----|-----|
| 34 | Will the building design be certified by an independent energy auditor/analyst?
If so, what will the rating be? _____ | Yes | No | N/A |
| 35 | Have you considered passive solar design principles for space heating and cooling or planned for natural day lighting? | Yes | No | N/A |
| 36 | Does the design and siting of buildings maximize exposure to natural light?
What percentage of interior spaces will be illuminated by sunlight? <u>65</u> % | Yes | No | N/A |
| 37 | Will heating and cooling systems be of enhanced energy efficiency (ie. geothermal, air source heat pump, solar hot water, solar air exchange, etc.).
If so, please describe. <u>N/A</u>
If you are considering a heat pump, what measures will you take to mitigate any noise associated with the pump? <u>N/A</u> | Yes | No | N/A |
| 38 | Has the building been designed to be solar ready? | Yes | No | N/A |
| 39 | Have you considered using roof mounted photovoltaic panels to convert solar energy to electricity? | Yes | No | N/A |
| 40 | Do windows exceed the BC Building Code heat transfer coefficient standards?
<u>Harline Windows</u> | Yes | No | N/A |
| 41 | Are energy efficient appliances being installed in this project?
If so, please describe. | | | |
| 42 | Will high efficiency light fixtures be used in this project?
If so, please describe. <u>energy efficient bulbs</u> | Yes | No | N/A |
| 43 | Will building occupants have control over thermal, ventilation and light levels? | Yes | No | N/A |
| 44 | Will outdoor areas have automatic lighting [i.e. motion sensors or time set]? | Yes | No | N/A |
| 45 | Will underground parking areas have automatic lighting? | Yes | No | N/A |

Air Quality

The following items are intended to ensure optimal air quality for building occupants by reducing the use of products which give off gases and odours and allowing occupants control over ventilation.

- | | | | | |
|----|--|-----|----|-----|
| 46 | Will ventilation systems be protected from contamination during construction and certified clean post construction? | Yes | No | N/A |
| 47 | Are you using any natural, non-toxic, water soluble or low-VOC [volatile organic compound] paints, finishes or other products?
If so, please describe. <u>low VOC</u> | Yes | No | N/A |
| 48 | Will the building have windows that occupants can open? | Yes | No | N/A |
| 49 | Will hard floor surface materials cover more than 75% of the liveable floor area? | Yes | No | N/A |
| 50 | Will fresh air intakes be located away from air pollution sources? | Yes | No | N/A |

Solid Waste

Reuse and recycling of material reduces the impact on our landfills, lowers transportation costs, extends the life-cycle of products, and reduces the amount of natural resources used to manufacture new products.

- | | | | | |
|----|--|-----|----|-----|
| 51 | Will materials be recycled during demolition of existing buildings and structures?
If so, please describe. _____ | Yes | No | N/A |
| 52 | Will materials be recycled during the construction phase?
If so, please describe. <u>all wood over 2' in length used, the rest is given to the neighbours</u> | Yes | No | N/A |
| 53 | Does your project provide enhanced waste diversion facilities i.e. on-site recycling for cardboard, bottles, cans and or recyclables or on-site composting? | Yes | No | N/A |
| 54 | For new commercial development, are you providing waste and recycling receptacles for customers? | Yes | No | N/A |

Green Mobility

The intent is to encourage the use of sustainable transportation modes and walking to reduce our reliance on personal vehicles that burn fossil fuels which contributes to poor air quality.

- | | | | | |
|----|--|-----|----|-----|
| 55 | Is pedestrian lighting provided in the pathways through parking and landscaped areas and at the entrances to your building[s]? | Yes | No | N/A |
| 56 | For commercial developments, are pedestrians provided with a safe path[s] through the parking areas and across vehicles accesses? | Yes | No | N/A |
| 57 | Is access provided for those with assisted mobility devices? | Yes | No | N/A |
| 58 | Are accessible bike racks provided for visitors? | Yes | No | N/A |
| 59 | Are secure covered bicycle parking and dedicated lockers provided for residents or employees? | Yes | No | N/A |
| 60 | Does your development provide residents or employees with any of the following features to reduce personal automobile use [check all that apply]:

<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px; font-size: 2em;">N/A</div> <div> ☐ transit passes
 ☐ car share memberships
 ☐ shared bicycles for short term use
 ☐ weather protected bus shelters
 ☐ plug-ins for electric vehicles </div> </div> | | | |

Is there something unique or innovative about your project that has not been addressed by this Checklist? If so, please add extra pages to describe it.



Chain of Custody Certificate

This is to confirm that KPMG Performance Registrar Inc. has examined the procedures of

West Fraser Mills Ltd.

Suite 501 – 858 Beatty Street, Vancouver, British Columbia V6B 1C1

and determined that the Company maintains chain of custody and sales tracking systems which form a reasonable basis for: (1) tracking the source of wood fibre processed by these facilities, and (2) ensuring that the output from these facilities, which is claimed to be "PEFC-certified", will not exceed the amount of wood fibre coming into these facilities from PEFC certified woodlands operations*. The Company's Chain of Custody system conforms in all material respects to the requirements of PEFC ST 2002-2010.

This Chain of Custody System certification applies to the following:

Production of logs from British Columbia and Alberta forest tenures and the manufacture and sale of lumber, chips, sawdust, medium density fibreboard, plywood, veneer, laminated veneer lumber and pulp from all wholly owned Canadian production facilities and from the joint venture Cariboo Pulp and Paper Company.

This chain of custody certification is given subject to the terms and conditions governing the use of this certificate as described in the agreement between KPMG Performance Registrar Inc. and the holder thereof. Chain of custody certification does not assure the regulatory compliance or continued conformance with the applicable standards by the certified woodlands operations from which wood fibre is obtained. *PEFC certified woodlands operations are those which are certified under forest certification standards endorsed by PEFC, including the following standards: the CSA Z809 Sustainable Forest Management standard and the Sustainable Forestry Initiative (SFI®) standard.

Certificate No. 1994.01
Issue Date: May 5, 2006
Re-Issue Date: April 23, 2012
Expiry Date: April 22, 2017





Chris Ridley-Thomas
President
KPMG Performance Registrar Inc.
Vancouver, B.C., Canada V7Y 1K3



CERTIFICATE OF REGISTRATION

This is to certify that

Tolko Industries Ltd.

Head Office

3000 28th Street Vernon, British Columbia V1T 9W9 Canada

Refer to Attachment to Certificate of Registration dated December 17, 2014 for additional certified sites
complies with the requirements of

PEFC ST 2002:2013 -

Chain Of Custody Of Forest Based Products - Requirements

for the following scope of registration

Tracking of certified and other raw material.

Products: Chips, Lumber, Plywood, Veneer, Oriented Strand Board and Kraft Paper.

Systems used: Percentage Based; Volume Credit and Average Percentage.

Standard version: 2013-05-24 or as amended (www.pefc.org).

SAI Certificate No.:

CERT-0072605

Original Certification Date: January 4, 2009

File No.:

013420

Current Certification Date: November 20, 2012

PEFC Chain of Custody No.: SAI-PEFC-013420

Certificate Expiry Date: November 19, 2017

Issue Date:

December 17, 2014

Chris Jouppi
President,
QMI-SAI Canada Limited

Samer Chaouk
Head of Policy, Risk and Certification



PEFC ST 2002:2013



ANSI ACCREDITED PROGRAM
PRODUCT CERTIFICATION
#0748



PEFC
PEFC/24-44-100

Registered by:
SAI Global Certification Services Pty Ltd, 266 Sussex Street, Sydney NSW 2000 Australia with QMI-SAI Canada Limited, 20 Carlson Court, Suite 200,
Toronto, Ontario M9W 7K9 Canada (SAI GLOBAL). This registration is subject to the SAI Global Terms and Conditions for Certification. While all due care
and skill was exercised in carrying out this assessment, SAI Global accepts responsibility only for proven negligence. This certificate remains the property
of SAI Global and must be returned to them upon request.
To verify that this certificate is current, please refer to the SAI Global On-Line Certification Register: www.qmi-saiglobal.com/qmi_companies/

 **SAI GLOBAL**
INFORM. INSPIRE. IMPROVE.

ATTACHMENT TO CERTIFICATE OF REGISTRATION

These sites are registered under Certificate No: CERT-0072605 issued on December 17, 2014

File No.		Effective Date
013420	Tolko Industries Ltd. Head Office 3000 28th Street Vernon, British Columbia V1T 9W9 Canada	November 20, 2012
1063226	Tolko Industries Ltd. Nicola Valley Division 1750 Lindley Creek Road Merritt, British Columbia V1K 0A2 Canada	November 20, 2012
1063972	Tolko Industries Ltd. Lavington Division 6200 Jeffers Drive Lavington, British Columbia V1B 3G4 Canada	November 20, 2012
1601371	Tolko Industries Ltd. Armstrong Plywood Division 844 Otter Lake X Roads Armstrong, British Columbia V0E 1B6 Canada	November 20, 2012
1601588	Tolko Industries Ltd. Heffley Creek Division 6275 Yellowhead Hwy Kamloops, British Columbia V2H 1T8 Canada	November 20, 2012
1601589	Tolko Industries Ltd. High Level Lumber Division 11401 92nd Street High Level, Alberta T0H 1Z0 Canada	November 20, 2012
1601590	Tolko Industries Ltd. Kelowna Lumber Division 820 Guy Street Kelowna, British Columbia V1Y 7R5 Canada	November 20, 2012
1601592	Tolko Industries Ltd. Lakeview Lumber Division 180 Hodgson Road Williams Lake, British Columbia V2G 3P6 Canada	November 20, 2012
1601594	Tolko Industries Ltd. Manitoba Kraft Paper Division Box 1590 The Pas, Manitoba R9A 1L4 Canada	November 20, 2012
1601595	Tolko Industries Ltd. Manitoba Solid Wood Division Box 5200 The Pas, Manitoba R9A 1T3 Canada	November 20, 2012
1601596	Tolko Industries Ltd. Meadow Lake Division Box 280 Meadow Lake, Saskatchewan S9X 1Y2 Canada	November 20, 2012
1601598	Tolko Industries Ltd. Quest Wood Division 1879 Brownmiller Rd Quesnel, British Columbia V2J 6R9 Canada	November 20, 2012

These registrations are dependent on Tolko Industries Ltd. Head Office (File No. 013420) maintaining their scope of registration to PEFC ST 2002:2013 - CHAIN OF CUSTODY OF FOREST BASED PRODUCTS - REQUIREMENTS

ATTACHMENT TO CERTIFICATE OF REGISTRATION

These sites are registered under Certificate No: CERT-0072605 issued on December 17, 2014

1601599	Tolko Industries Ltd. Soda Creek Division 5000 Soda Creek Road Williams Lake, British Columbia V2G 5H5 Canada	November 20, 2012
1601600	Tolko Industries Ltd. White Valley Veneer Division 4280 Highway 6 Lumby, British Columbia V0E 2G0 Canada	November 20, 2012
1601602	Tolko Industries Ltd. Armstrong Lumber Division 844 Otter Lake X Roads Armstrong, British Columbia V0E 1B6 Canada	November 20, 2012
1601603	Tolko Industries Ltd. Athabasca Division Box 1400 Slave Lake, Alberta T0G 2A0 Canada	November 20, 2012
1628435	Tolko Industries Ltd. Marketing and Sales 3000 28th Street Vernon, British Columbia V1T 9W9 Canada	December 1, 2012

These registrations are dependent on Tolko Industries Ltd. Head Office (File No. 013420) maintaining their scope of registration to PEFC ST 2002:2013 - CHAIN OF CUSTODY OF FOREST BASED PRODUCTS - REQUIREMENTS