



6951 Westminster Highway, Richmond, BC
Mailing Address: PO Box 5350 Stn Terminal, Vancouver BC, V6B 5L5
Telephone 604 276-3100 Toll Free 1-888-621-7233 Fax 604 276-3247

The *Workers Compensation Act* requires that the employer must post a copy of this report in a conspicuous place at or near the workplace inspected for at least seven days, or until compliance has been achieved, whichever is the longer period. A copy of this report must also be given to the joint committee or worker health and safety representative, as applicable.

A revised version of the *Workers Compensation Act* took effect on April 6, 2020. The B.C. government's revisions aim to make the Act easier to read and understand, and to reorganize the numbering to make laws easier to find. The revisions make no changes to B.C.'s laws concerning workers' compensation, occupational health and safety, and employers' assessment premiums. Please be aware there may be a transitional period where correspondence from WorkSafeBC may include references to either the previous Act or the revised Act. For more information, visit www.worksafebc.com/WCA2019 or call the Prevention Information Line at 604 276 3100, or toll free within BC at 1.888.621.7233 (SAFE).

Inspection Report #202218343083A

Employer Name	Jobsite Inspected	Scope of Inspection
THE UNIVERSITY OF BRITISH COLUMBIA	14500 Silver Valley Road Malcom Knapp Research Forest Maple Ridge BC	Cutblock - 2022-K080-03

Date of Initiating Inspection	Date of This Inspection	Delivery Date of This Report	Delivery Method
Jun 30, 2022	Jun 30, 2022	Jul 05, 2022	Email

THERE ARE ZERO (0) ORDERS OR OTHER ITEMS OUTSTANDING

ACTION MAY STILL BE NECESSARY TO ENSURE COMPLIANCE PLEASE READ FULL REPORT

INSPECTION NOTES

On June 30, 2022 I conducted an inspection of this employer's workplace as part of WorkSafeBC's ongoing commitment to engage with employers and workers to reduce risk and promote safe and healthy workplaces.

Background

This inspection was conducted in accordance with the WorkSafeBC 2021-2023 Forestry High Risk Strategy (FHRS). The objective of FHRS is to reduce the serious injury and fatal injury rates by focused and impactful inspections in the areas of timber harvesting that are high risk to workers, such as hand falling, cable yarding, log transport, mechanized harvesting and silviculture.

This is a multi-employer workplace with the following participants:

Licensee/Owner: University of British Columbia (UBC)

Prime Contractor: Taseko Timber LTD.

Yarding Contractor: Peters Contract Falling

Falling Contractor: Top Notch Enterprises LTD.

I was invited to this workplace by the principal of Taseko Timber LTD who is acting as the prime contractor for the full phase harvesting activities at this worksite.

The University of British Columbia (the employer) is the owner of a privately operated tree farm (Malcom Knapp Research Forest) on Silver Valley Road in Maple Ridge. This inspection was related to the full phase harvesting activities underway in cutblock #2022-K080-03. At the time of this inspection there was one representative of this employer, one representative of the prime contractor, and two representatives of the yarding contractor onsite. The intent of this inspection was to consult and educate the workers and employers onsite with respect to their incident investigations related to a recent near miss incident involving the yarding crew. The harvesting activities on this site were voluntarily suspended prior to my inspection until the employers completed their investigations. This inspection report is related to IR202218343084A which contains additional information related to this workplace inspection.

Incident Description

Nearing the end of shift on June 23, 2022 the Madill 071 yarder's skyline contacted what appeared to be a class 6 western red cedar dangerous tree (which likely stood at a height of approximately 80 ft.) causing the tree to fall. The tree narrowly missed striking three nearby workers as it fell.

Discussion and Observations

I led a robust discussion while onsite with the parties involved regarding the following non-exhaustive list of considerations:

- 1) *Employer Incident Investigation Reports (EIIRs)* - discussed the types of incidents that must be investigated; the investigation process; the employer's progress thus far in their investigation; importance of establishing corrective actions to prevent future recurrence.
- 2) *Planning and conducting a forestry operation* - discussed the pre-work plan, logging plan and the initial safety meeting between the employer, the prime contractor and the contracted yarding and falling crews. During this discussion I emphasized the importance of documenting and communicating changes to the logging plan with all applicable workers as the changes are implemented.
- 3) *Yarding* - the yarding contractor had a Madill 071 yarder set up using a north bend skyline system yarding up hill to the landing. Three guy-lines were deployed from the yarder to properly notched stumps with appropriate inside angles of less than 45 degrees. Discussed the yarding setup and related hazards and considerations with the employer, prime contractor, and yarding contractor. Discussed hazards in yarding lanes and potential for rolling logs and debris. Discussed ensuring chokerman and hill crew are positioned above and away from potential hazards while yarding is underway. Discussed inspecting anchor points and rigging.

4) *Phase integration* - discussed the hazards related to phase congestion and planning for safe integration of all phases of a logging operation, with particular consideration to overlapping phases. Planning for the safe integration of workers and equipment in the landing was also discussed in detail.

5) *Emergency Response Plan and First Aid Procedures (ERP)*- discussed the prime contractor's ERP. During regular operations there was reported to be an OFA LVL 3 onsite as well as an ETV appropriately equipped with OFA LVL 3 required provisions. I did observe the ETV onsite during this inspection. Discussed the plan for extracting an injured worker from the hillside. Plan includes the use of TEAMS helicopter service and a back up of six workers using a spine board to pack the injured worker. Discussed the importance of having flagged emergency escape trails that are sanitized of debris as much as possible and that can provide timely access to various areas of the worksite. There is radio communication from the block to the main office at the entrance to the area and the closest cell service area to the block was identified and communicated to workers.

6) *Dangerous Trees (DTs)*- Discussed the importance of ensuring the block and block perimeter are appropriately assessed and sanitized of dangerous trees. This assessment is to be done by a qualified person who has completed a training program acceptable to the Board. The assessment should generally include all areas of the block, the first five meters of the block boundary, and additionally a 1.5 tree length perimeter zone outside the boundary which is assessed at level of disturbance (LOD) LOD1. In cable logging operations (such as this) the treatment zone must be extended out to all guy-line anchors, tail-hold anchors, back spar trees and tieback stumps or trees. Due to the forces exerted on those anchors, stumps and trees, they are to be considered as LOD3. Extending the treatment zone in this manner provides for additional levels of safety for the rigging crew who may be working near active anchors while preparing for road changes and other similar activities.

In the near miss incident that took place at this worksite three members of the rigging crew were exposed a high risk of serious injury or death due to a class 6 western red cedar DT falling in close proximity to where they were working. This incident would have been avoided if the treatment zone for this block was extended to encompass the areas that I described in section above. Workers noticed the DT after they completed their backspar and anchors for this yarding road, however they elected to continue without assessing the DT. All parties were in agreement that this DT should have been assessed then felled prior to commencing yarding activities. Order(s) related to dangerous trees have been issued to the yarding contractor.

7) *Workplace inspections / inspections of contractor's* - discussed the importance of conducting regular workplace inspections. It is incumbent upon the prime contractor of a forestry operation to ensure regular inspections of all areas of the workplace are conducted to prevent the development of unsafe working conditions. This duty extends to the work practices of subcontractors on their site.

8) *Risk management basics (RMB)* - I led a general discussion with the representatives regarding the basics of risk management.



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REFERENCES

In addition to any orders, or other items, and the information provided in the Inspection Notes section in this Inspection Report, the officer may discuss other health and safety issues with the employer arising out of the inspection. The information below sets out the health and safety requirements discussed with the employer, and unless otherwise noted, violations of these requirements were not observed.

Reference	Details Discussed
<p>WCA25(b)</p> <p>Every owner of a workplace must give to the employer or prime contractor at the workplace the information known to the owner that is necessary to identify and eliminate or control hazards to the health or safety of persons at the workplace.</p>	<p>Provided for employer's and workers' information and reference. See inspection notes for further details of discussion.</p>
<p>OHS3.5</p> <p>Every employer must ensure that regular inspections are made of all workplaces, including buildings, structures, grounds, excavations, tools, equipment, machinery and work methods and practices, at intervals that will prevent the development of unsafe working conditions.</p>	<p>Provided for employer's and workers' information and reference. See inspection notes for further details of discussion.</p>
<p>OHS26.2(4)</p> <p>If, after any planning referred to in subsection (3), there is a change in the workplace circumstances, including the work activities and the conditions of the workplace, and the change poses or creates a known or reasonably foreseeable risk to workers that was not previously identified, then</p> <p>(a) the plan must be amended to identify and address the risk and provide for the health and safety of the workers at the workplace, and</p> <p>(b) the amendment must be documented as soon as is practicable.</p>	<p>Provided for employer's and workers' information and reference. See inspection notes for further details of discussion.</p>

Employer #	Mailing Address	Classification Unit #	Operating Location
11284	C/O BRUCE ANDERSON DONALD RIX BUILDING 2389 HEALTH SCIENCES MALL ROOM 336 VANCOUVER BC V6T 1Z3	765010	009

Lab Samples Taken	Direct Readings	Results Presented	Sampling Inspection(s)	Workers onsite during Inspection	Notice of Project Number
N	N	N		1	

Inspection Report Delivered To	Employer Representative Present During Inspection	Worker Representative Present During Inspection	Labour Organization & Local
Sean Pledger	Sean Pledger	Not Available	

WorkSafeBC Officer Conducting Inspection	Contact Details	
Ray Goulding	Phone: (604) 232-1956	Email: Ray.Goulding@worksafebc.com

Inspection Time*	Travel Time*
4.5 hrs	0.75 hrs

*The time recorded above reflects the inspection time and travel time associated with this inspection report and includes time spent on pre and post-inspection activities. Additional time may be added for subsequent activity.

Request a Review

Any employer, worker, owner, supplier, union, or a member of a deceased worker's family directly affected may, within 45 calendar days of the delivery date of this report, in writing, request the Review Division of WorkSafeBC to conduct a review of an order, or the non-issuance of an order, by contacting the Review Division. Employers requiring assistance may contact the Employers' Advisers Office at 1-800-925-2233.

To submit a request online, visit <https://www.worksafebc.com/en/review-appeal/submit-request>

WorkSafeBC values your feedback. To obtain that feedback, an external market research provider may be contacting you to complete a survey.

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