

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](http://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 #202117747064A

Employer Name	Jobsite Inspected	Scope of Inspection
THE UNIVERSITY OF BRITISH COLUMBIA	14500 Silver Valley Road Maple Ridge BC	Malcolm Knapp Research Forest: Heat Stress Concern

Date of Initiating Inspection	Date of This Inspection	Delivery Date of This Report	Delivery Method
Jun 28, 2021	Jun 28, 2021	Jul 05, 2021	Email

**THERE ARE ZERO (0) ORDERS OR OTHER ITEMS OUTSTANDING**

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

## INSPECTION NOTES

Heat stress concerns were raised after a worker was transported to hospital when returned to residence from a day's work on June 27, 2021. The worker was subsequently released from the hospital. The worker is a forest lifeguard and during the day he stayed a significant amount of time outdoors. Since working outdoors is part of the operation needs for this workplace, heat stress concerns were raised due to the heat wave.

The employer contacted this officer on June 28, 2021. After discussing with the employer representative, the following recommendations that required immediate action were made:

1. Remind workers to drink water/stay in shades as much as possible and most importantly, recognize heat stress symptoms and report right away. Heat-related illness symptoms chart was provided.
2. Below are some measures that employers and workers can do to prevent heat stress for outdoor work:

### Prevention of Heat Stress: Employers

- Monitor heat conditions and require workers not to work alone.
- Ensure there is adequate first-aid coverage and emergency procedures are in place.
- Make physical modifications to facilities, equipment, processes to reduce exposure.
- Change work practices and policies to limit the risk.
- Determine appropriate work-rest cycles; when a worker feels ill it may be too late.
- Rotate work activities or use additional workers to reduce exposure.
- Establish cooling areas with shade and water.

### Prevention of Heat Stress: Workers

- Drink plenty of water (one glass every 20 minutes).
- Wear light-coloured, loose-fitting clothing made of breathable fabric, such as cotton.
- Take rest breaks in a cool, well-ventilated area.
- Do hard physical work during the coolest parts of the day, before 11 a.m. and after 3 p.m.
- Know your personal risk factors, such as medications and any pre-existing conditions.
- Check the signs and symptoms for yourself and co-workers.

The employer took action immediately and reported that the above recommendations were implemented on June 28, 2021.

The employer also submitted the employer incident investigation report along with the new worker orientation record within 48hr of the incident.

In addition, the employer will carry out a heat stress monitoring to ensure the exposure limit would not be exceeded and provide guidance on future work. See the "References" section for details.

### **Clarification and More Information**

The following resource from WorkSafeBC publications has been provided to assist the employer in achieving and/or maintaining compliance:

- Preventing Heat Stress at Work

More information can also be found at [www.worksafebc.com](http://www.worksafebc.com)

If you require clarification or assistance regarding this Inspection Report, contact Occupational Hygiene Officer Shirley Wang at the following:



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**INSPECTION REPORT**  
**Worker and Employer Services Division**  
**202117747064A**

PHONE: 604.232.1962  
EMAIL: shirley.wang@worksafebc.com

To report a serious accident/incident or major chemical release call:  
Lower Mainland: 604.276.3100  
Toll-free in BC: 1.888.621.7233

To report after hour safety and health emergencies, call 1.866.922.4357

## 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
<b>OHS7.27(1)</b>  Subject to subsection (2), sections 7.28 to 7.32 apply to a workplace if (a) a worker is or may be exposed to thermal conditions which could cause heat stress, (b) the thermal conditions could result in a workers core body temperature exceeding 38C (100F), or (c) the thermal conditions are in excess of the levels listed in the screening criteria for heat stress exposure in the heat stress and strain section of the ACGIH Standard for unacclimatized workers.	- applicable regulation
<b>OHS7.28(1)</b>  A worker must not be exposed to levels that exceed those listed in the screening criteria for heat stress exposure in the heat stress and strain section of the ACGIH Standard.	- applicable regulation

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Employer #	Mailing Address	Classification Unit #	Operating Location
11284	C/O WCB CLAIMS ADMINISTRATOR HUMAN RESOURCES 6TH FLOOR 6190 AGRONOMY RD VANCOUVER BC V6T 1Z3	765010	009

Lab Samples Taken	Direct Readings	Results Presented	Sampling Inspection(s)
N	N	N	

Workers onsite during Inspection	Notice of Project Number
20	

Inspection Report Delivered To	Employer Representative Present During Inspection	Worker Representative Present During Inspection	Labour Organization & Local
Peter Joseph	Peter Joseph	Sonam Uppal	

WorkSafeBC Officer Conducting Inspection
Shirley Wang

*Inspection Time	*Travel Time
2.00 hrs	0.00 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.