

- People taking certain medications (antihypertensives, antidepressants, antipsychotics, anti-Parkinson's agents)
- Socially disadvantaged (low income, homeless, living alone)
- Newcomers to Canada
- Occupational groups (work outside, increased physical strain)
- The physically active (increased physical strain, reduced perception of risk)

Signs of heat illness may include changes in behaviour, dizziness or fainting, nausea or vomiting, headache, fast breathing or heartbeat, extreme thirst and decreased urination. Severe signs of illness requiring immediate medical care include a high body temperature, confusion, hallucinations, lack of coordination, seizures, or a loss of consciousness.

For those who work with vulnerable populations, consider sharing the following resources at the beginning of the hot season, and as reminders when heat alerts are called:

- [Long Term Care and Heat](#)
- [Acute Care During Extreme Heat](#) (Symptoms of Heat Illness)
- [Emergency Preparedness](#)
- [Childcare Facilities and Heat](#)

For all Fraser Health Staff:

Please post [**Staying Healthy in the Heat fact sheets where co-workers will see them:**](#) This provides information on 1) Heat illnesses especially heat exhaustion vs. heat stroke; 2) vulnerable populations; 3) Safety tips

Tips:

- Drink plenty of water before you feel thirsty and stay in a cool place.
- Make your home as comfortable as possible:
 - Close blinds and shutters during the daytime and open them at night. Open your windows at night to let in cooler air.
 - If you have air conditioning, use it to take the edge off indoor heat but don't over-cool and remember that circulation of fresh air may reduce COVID-19 risk.
 - If you don't have air-conditioning, take shelter in the coolest room in your home and use a fan. Blowing a fan across a pan of ice water can create a cool breeze.
 - Cool showers and misting yourself and your clothing with cool water will help keep you from overheating
- Check on older family, friends and neighbours; make sure they are staying cool and drinking water
- Schedule outdoor activities during the coolest parts of the day.
- Never leave people or pets inside a parked vehicle.
- Ask a health professional how medications or health conditions can affect your risk in the

heat.

- Seek a cool place such as a tree-shaded area, swimming pool, shower or bath, or air-conditioned spot like a public building, but be mindful to avoid crowded spaces and maintain a 2-meter distance from others as much as possible.

Watch for the symptoms of heat illness: dizziness/fainting; nausea/vomiting; rapid breathing and heartbeat; extreme thirst; decreased urination with unusually dark urine.

Get informed

- [Consult the Fraser Health Heat Webpage](#) Check the local news for health and safety updates.
- For more information on heat-related illness, call HealthLinkBC at 811.

Please continue to monitor alerts and forecasts issued by Environment Canada. To report severe weather, send an email to BCstorm@canada.ca or tweet reports using #BCStorm.

[More details on the alert are available here.](#)

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Scott Blessin

Manager, HEMBC Fraser Health
Health Emergency Management British Columbia (HEMBC)
Mobile: [s.15\(1\)\(l\)](#)
Email: Scott.Blessin@phsa.ca

After hours HEMBC LM On-Call 1-855-675-2436



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From: Phillips, Mark [VCH]
To: Hutton, David [PHSA]; Lavery, John [PHSA]; Hyland, Ita [PHSA]
Subject: Fwd: WEATHER ALERT: Heat Warning
Date: Friday, June 25, 2021 9:50:18 AM
Attachments: [image001.png](#)
[image002.png](#)

Hi all,

I should note that the VCH messaging will be slightly different. We are just waiting on approval from the MHO. Will share when distributed.

Also to follow is messaging that will flow through EMBC to our EM partners.

Mark Phillips
604-816-2284

On Jun. 25, 2021 9:22 a.m., "Phillips, Mark [VCH]" <Mark.Phillips@vch.ca> wrote:
Fyi.

Mark Phillips
604-816-2284

----- Forwarded message -----

From: "Blessin, Scott [PHSA]" <Scott.Blessin@phsa.ca>
Date: Jun. 25, 2021 9:21 a.m.
Subject: WEATHER ALERT: Heat Warning
To: ".FHA Directors Forum" <fhadirforum@fraserhealth.ca>
Cc:
sent on behalf of Dr. Emily Newhouse, Medical Health Officer for Environmental Health in Fraser Health & Mark Phillips, Director, HEMBC Lower Mainland

HEMBC Alert: Environment Canada Weather Warning

5:16 A PDT Friday 25 June 2021

Heat Warning in effect for:

- Fraser Valley - central including Chilliwack
- Fraser Valley - east including Hope
- Fraser Valley - west including Abbotsford
- Metro Vancouver - central including the City of Vancouver Burnaby and New Westminster

Threat:

Fraser Valley: Daytime highs ranging from 32 to 39 degrees celsius combined with overnight lows of 18 to 21 degrees celsius. Humidex values during this period will reach the high 30's to possibly the low 40's.

Metro Vancouver: Daytime highs ranging from 29 to 38 degrees celsius combined with overnight lows of 18 to 21 degrees celsius. Humidex values during this period will reach the high 30's to possibly the low 40's. A dangerous long duration heat wave will affect B.C. beginning today and lasting until at least Wednesday.

Timespan: Today to at least Wednesday.

Find further details here: https://weather.gc.ca/warnings/index_e.html?prov=bc.

Dear Colleagues.

We are set for very hot temperatures in the coming weeks. These high temperatures may result in an increase in heat-related illnesses, require closer monitoring of patient/resident care environments, and require consideration for at-risk populations.

Please circulate the following information to the appropriate staff.

Yours,

Dr. Emily Newhouse, MHO for Environmental Health at Fraser Health Authority

For Home Health, Community Care and MHSU

Some of your clients may be more vulnerable to extreme heat:

- Older adults
- Infants and young children
- People with chronic illnesses (cardiovascular disease, respiratory disease, renal disease, psychiatric illness)
- People who are physically impaired (confined to bed, or dependence for assistance with daily living, sensory/cognitive impairment)
- People taking certain medications (antihypertensives, antidepressants, antipsychotics, anti-Parkinson's agents)
- Socially disadvantaged (low income, homeless, living alone)
- Newcomers to Canada
- Occupational groups (work outside, increased physical strain)
- The physically active (increased physical strain, reduced perception of risk)

If you work with vulnerable clients:

- Make sure clients have access to water and cool areas while maintaining physical distancing; where possible pull shades and increase air flow in their area.
- Watch for the symptoms of heat illness: dizziness/fainting; nausea/vomiting; rapid breathing and heartbeat; extreme thirst; decreased urination with unusually dark urine, confusion and/or lack of alertness.
- Be aware that clients on certain medications, including some for mental health, may be at increased risk.
- Advise family to check on vulnerable clients during hot days.
- For MHSU partners and clients who may not have a stable home, please our resource: [Extreme Heat and those experiencing homelessness: a primer for](#)

community organizations

- Be aware that some clients may be more prone to suicidal ideation during extreme heat events.

For more information on caring for at risk clients, please see Health Canada resources:

- [Heat-related Death may Occur at Home Alone](#)
- [Emergency Preparedness](#)
- [Extreme Heat Events Guidelines: Technical Guide for Health Care Workers](#)

For Homelessness and Housing Tables

Summer heat can pose serious health risks to people experiencing homelessness or living in precarious housing, especially those with pre-existing heart, lung, or mental health conditions. The good news is there are ways to prevent heat-related illnesses. [FHA has created a resource](#) provides tools and resources related to extreme-heat response for those who work with people experiencing homelessness or in low-income buildings. Please distribute **widely**.

For Long Term Care and Day Programs

Certain members of the community are at higher risk for heat-related illness and death, including:

- Older adults
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- People with chronic illnesses (cardiovascular disease, respiratory disease, renal disease, psychiatric illness)
- People who are physically impaired (confined to bed, or dependence for assistance with daily living, sensory/cognitive impairment)
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For all Fraser Health Staff:

Please post [Staying Healthy in the Heat fact sheets where co-workers will see them:](#) This provides information on 1) Heat illnesses especially heat exhaustion vs. heat stroke; 2) vulnerable populations; 3) Safety tips

Tips:

- Drink plenty of water before you feel thirsty and stay in a cool place.
- Make your home as comfortable as possible:
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 - If you have air conditioning, use it to take the edge off indoor heat but don't over-cool and remember that circulation of fresh air may reduce COVID-19 risk.
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Watch for the symptoms of heat illness: dizziness/fainting; nausea/vomiting; rapid breathing and heartbeat; extreme thirst; decreased urination with unusually dark urine.

Get informed

- [Consult the Fraser Health Heat Webpage](#) Check the local news for health and safety updates.
- For more information on heat-related illness, call HealthLinkBC at 811.

Please continue to monitor alerts and forecasts issued by Environment Canada. To report

severe weather, send an email to BCstorm@canada.ca or tweet reports using #BCStorm.

[More details on the alert are available here.](#)

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Scott Blessin

Manager, HEMBC Fraser Health
Health Emergency Management British Columbia (HEMBC)
Mobile: **s.15(1)(l)**
Email: Scott.Blessin@phsa.ca

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From: [Lavery, John \[PHSA\]](#)
To: [Hyland, Ita \[PHSA\]](#)
Subject: RE: WEATHER ALERT: Heat Warning
Date: Friday, June 25, 2021 10:14:07 AM
Attachments: [image001.png](#)
 [image002.png](#)

Yes – good plan.

John Lavery
Executive Director
Health Emergency Management British Columbia (HEMBC)
Provincial Health Services Authority
Cell: s.15(1)(l)

From: Hyland, Ita [PHSA] <Ita.Hyland@phsa.ca>
Sent: Friday, June 25, 2021 10:14 AM
To: Lavery, John [PHSA] <john.lavery@phsa.ca>
Subject: RE: WEATHER ALERT: Heat Warning

I was thinking the same thing! Mention it during our opportunity to update and distribute following the meeting.

From: Lavery, John [PHSA]
Sent: Friday, June 25, 2021 10:13 AM
To: Hyland, Ita [PHSA] <Ita.Hyland@phsa.ca>
Subject: RE: WEATHER ALERT: Heat Warning

Maybe the info can also be sent out to the group meeting at 11? It covers many of the PHSA programs?

John Lavery
Executive Director
Health Emergency Management British Columbia (HEMBC)
Provincial Health Services Authority
Cell: s.15(1)(l)

From: Hyland, Ita [PHSA] <Ita.Hyland@phsa.ca>
Sent: Friday, June 25, 2021 9:30 AM
To: Lavery, John [PHSA] <john.lavery@phsa.ca>; Hutton, David [PHSA] <david.hutton@phsa.ca>
Subject: RE: WEATHER ALERT: Heat Warning

I see that the content focused on the lower mainland and Fraser Health. I'll make edits to tailor content to PHSA and the whole province.

No word back from Carolina but I will follow up.

From: Phillips, Mark [VCH]
Sent: Friday, June 25, 2021 9:23 AM
To: Lavery, John [PHSA] <john.lavery@phsa.ca>; Hutton, David [PHSA] <david.hutton@phsa.ca>; Hyland, Ita [PHSA] <ita.Hyland@phsa.ca>
Subject: Fwd: WEATHER ALERT: Heat Warning

Fyi.

Mark Phillips
604-816-2284

----- Forwarded message -----

From: "Blessin, Scott [PHSA]" <Scott.Blessin@phsa.ca>
Date: Jun. 25, 2021 9:21 a.m.
Subject: WEATHER ALERT: Heat Warning
To: ".FHA Directors Forum" <fhadirforum@fraserhealth.ca>
Cc:
sent on behalf of Dr. Emily Newhouse, Medical Health Officer for Environmental Health in Fraser Health & Mark Phillips, Director, HEMBC Lower Mainland

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them: This provides information on 1) Heat illnesses especially heat exhaustion vs. heat stroke; 2) vulnerable populations; 3) Safety tips

Tips:

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- Ask a health professional how medications or health conditions can affect your risk in the heat.
- Seek a cool place such as a tree-shaded area, swimming pool, shower or bath, or air-conditioned spot like a public building, but be mindful to avoid crowded spaces and maintain a 2-meter distance from others as much as possible.

Watch for the symptoms of heat illness: dizziness/fainting; nausea/vomiting; rapid breathing and heartbeat; extreme thirst; decreased urination with unusually dark urine.

Get informed

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- For more information on heat-related illness, call HealthLinkBC at 811.

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Scott Blessin

Manager, HEMBC Fraser Health
Health Emergency Management British Columbia (HEMBC)
Mobile: **S.15(1)(l)**
Email: Scott.Blessin@phsa.ca

After hours HEMBC LM On-Call 1-855-675-2436



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From: [Lavery, John \[PHSA\]](#)
To: [Hyland, Ita \[PHSA\]](#); [Hutton, David \[PHSA\]](#)
Subject: RE: Draft WEATHER ALERT: Heat Warning
Date: Friday, June 25, 2021 10:49:27 AM

Thanks Ita – I'm confused about the “Dear Colleagues” section. Maybe there should be an explanation about it, just above?

John Lavery
Executive Director
Health Emergency Management British Columbia (HEMBC)
Provincial Health Services Authority
Cell: [s.15\(1\)\(l\)](#)

From: Hyland, Ita [PHSA] <ita.Hyland@phsa.ca>
Sent: Friday, June 25, 2021 10:48 AM
To: Hutton, David [PHSA] <david.hutton@phsa.ca>; Lavery, John [PHSA] <john.lavery@phsa.ca>
Subject: Draft WEATHER ALERT: Heat Warning

Hi John and Dave,

I've reformatted the content and edited for PHSA. Have a look and the plan is to mention this on the 11:00 PRCT call. I will then ask Sharon to distribute to the membership.

Ita

From: Hyland, Ita [PHSA]
Sent: Friday, June 25, 2021 10:40 AM
To: Hyland, Ita [PHSA] <ita.Hyland@phsa.ca>
Subject: FW: WEATHER ALERT: Heat Warning

Sent on behalf of John Lavery, Executive Director, Health Emergency Management British Columbia (HEMBC)

HEMBC Alert: Environment Canada Weather Warning

Heat Warning in effect for many areas of British Columbia

A dangerous long duration heat wave will affect B.C. beginning on Saturday and lasting until Wednesday.

Fraser Valley: Daytime highs ranging from 32 to 39 degrees celsius combined with overnight lows of 18 to 21 degrees celsius. Humidex values during this period will reach the high 30's to possibly the low 40's.

Metro Vancouver: Daytime highs ranging from 29 to 38 degrees celsius combined with overnight

lows of 18 to 21 degrees celsius. Humidex values during this period will reach the high 30's to possibly the low 40's. A dangerous long duration heat wave will affect B.C. beginning today and lasting until at least Wednesday.

Find further details for your area here: https://weather.gc.ca/warnings/index_e.html?prov=bc

Timespan: Today to at least Wednesday.

Remarks: An exceptionally strong ridge of high pressure will develop over British Columbia likely resulting in record breaking temperatures. The duration of this heat wave is concerning as there is little relief at night with elevated overnight temperatures. This record-breaking heat event will increase the potential for heat-related illnesses and increase the risk of wildfires due to drought conditions. Environment Canada and local Medical Health Officers expect an increase in health and safety risks from heat and are advising the public to take precautions.

To get more information:

Check the local news for health and safety updates.

Check HealthLinkBC online resources about heat-related illness and how to protect yourself at www.healthlinkbc.ca/healthlinkbc-files/heat-related-illness.

Call HealthLinkBC at 8-1-1 to ask about heat-related illness.

Please continue to monitor alerts and forecasts issued by Environment Canada.

Dear Colleagues,

We are set for very hot temperatures in the coming weeks. These high temperatures may result in an increase in heat-related illnesses, require closer monitoring of patient/resident care environments, and require consideration for at-risk populations.

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- [Heat-related Death may Occur at Home Alone](#)
- [Emergency Preparedness](#)

For all PHSA Staff:

Tips:

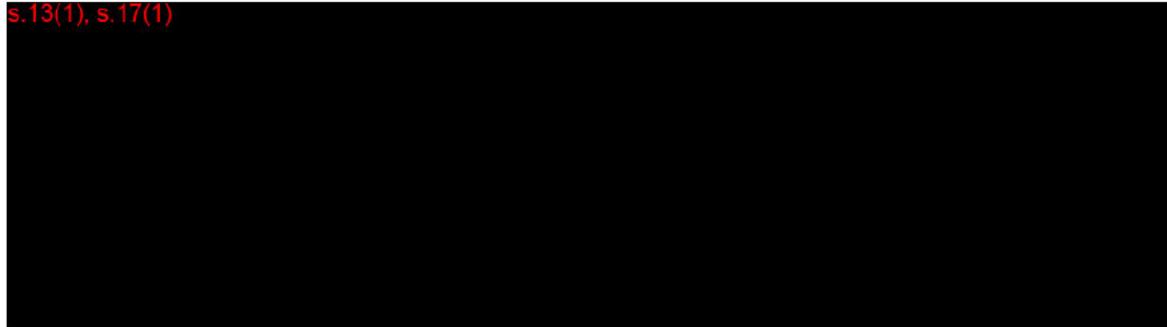
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- Seek a cool place such as a tree-shaded area, swimming pool, shower or bath, or air-conditioned spot like a public building, but be mindful to avoid crowded spaces and maintain a 2-meter distance from others as much as possible.

From: Thanh, David [PHSA]
To: Lavery, John [PHSA]
Cc: Delorme, Gerry (PHSA) [VIHA]; Robin Gardner; Francescutti, Jay [PHSA]; James, Landon [PHSA]; Phillips, Mark [VCH]
Subject: Re: Heat wave and temperature control **s.13(1), s.17(1)**
Date: Friday, June 25, 2021 11:10:48 AM

s.13(1), s.17(1)

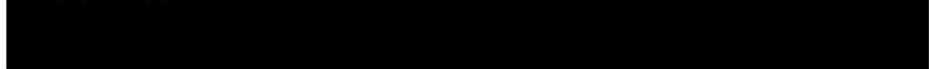


D

Sent from my iPhone

On Jun 25, 2021, at 09:25, Lavery, John [PHSA] <john.lavery@phsa.ca> wrote:

s.13(1), s.17(1)



John Lavery
Executive Director
Health Emergency Management British Columbia (HEMBC)
Provincial Health Services Authority
Cell: **s.15(1)(l)**

From: Thanh, David [PHSA] <david.thanh@phsa.ca>
Sent: Thursday, June 24, 2021 8:00 PM
To: Lavery, John [PHSA] <john.lavery@phsa.ca>; Delorme, Gerry (PHSA) [VIHA]
<Gerry.Delorme@VIHA.CA>; Robin Gardner **s.22(1)**; Francescutti, Jay [PHSA] <Jay.Francescutti@phsa.ca>; James, Landon [PHSA] <Landon.James@phsa.ca>; Phillips, Mark [VCH] <Mark.Phillips@vch.ca>
Subject: Re: Heat wave and temperature control **s.13(1), s.17(1)**

s.13(1), s.17(1)



I've sent an email to our contact at Environment Canada to see if they can give me the prediction for humidity for the next week.

s.13(1), s.17(1)

Cheers,

David

From: John Lavery <john.lavery@phsa.ca>
Date: Thursday, June 24, 2021 at 19:14
To: "Delorme, Gerry (PHSA) [VIHA]" <Gerry.Delorme@VIHA.CA>, Robin Gardner <[s.22\(1\)](#)>, Jay Francescutti <Jay.Francescutti@phsa.ca>, "James, Landon [PHSA]" <Landon.James@phsa.ca>, "Thanh, David [PHSA]" <david.thanh@phsa.ca>, "Phillips, Mark [VCH]" <Mark.Phillips@vch.ca>
Subject: Fwd: Heat wave and temperature control for [s.13\(1\), s.17\(1\)](#)

Hi everyone, please see the email below from VCH about [s.13\(1\), s.17\(1\)](#). Any ideas for them?

Thanks,

John

John Lavery
Executive Director
Health Emergency Management BC
Mobile: [s.15\(1\)\(l\)](#)

----- Forwarded message -----

From: "Thumath, Meaghan" <meaghan.thumath@vch.ca>
Date: Jun. 24, 2021 7:06 p.m.
Subject: Fwd: Heat wave and temperature control [s.13\(1\), s.17\(1\)](#)
To: "Lavery, John [PHSA]" <john.lavery@phsa.ca>
Cc:
Hi John, see below!

Begin forwarded message:

From: "Thumath, Meaghan" <meaghan.thumath@vch.ca>
Date: June 23, 2021 at 14:17:00 PDT
To: "Hennecke, Peter [PHSA]" <Peter.Hennecke@phsa.ca>, "Francescutti, Jay [PHSA]" <Jay.Francescutti@phsa.ca>
Cc: "Dawar, Meena [VCH]" <Meena.Dawar@vch.ca>, "Weatherill, Shelagh [VCH]" <shelagh.weatherill1@vch.ca>, "Chou, Hang [VCH]" <Hang.Chou@vch.ca>, "Gill, Jagdeep [VCH]" <Jagdeep.Gill@vch.ca>
Subject: Heat wave and temperature control [s.13\(1\), s.17\(1\)](#)

Hi Peter and Jay, thanks again for your brilliant assistance with the COVID isolation sites last year! I'm hoping you might have some advice for our COVID-19 vaccine teams

s.13(1), s.17(1)

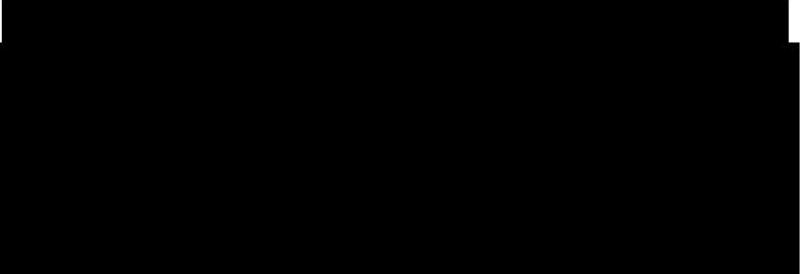


Image of the sites:

<https://www.vcc.ca/about/college-information/news/article/vcc-partners-with-vch-to-support-access-to-covid-19-testing.html>

<https://commons.bcit.ca/news/2021/04/bcit-supports-vaccination-rollout/>

We can try to get you some better photos with more details or let me know if you might have a staff person that could stop by and provide some advice?

Many thanks,

M.

Meaghan Thumath, RN, MPH, D.LSHTM *she/her*

Regional Director Communicable Disease Control, Vancouver Coastal Health
Clinical Assistant Professor, School of Nursing, University of British Columbia
Clinician Scientist, Centre for Gender and Sexual Health Equity (CGSHE)

Email: Meaghan.thumath@vch.ca

Mobile: **s.15(1)(l)**

Office: #800-601 West Broadway, Vancouver, BC, V5Z 4C2

Admin: Lisan Kwindt lisan.kwindt@vch.ca 6046752528

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From: Hennecke, Peter [PHSA]
Sent: Monday, November 16, 2020 12:39 PM

To: Etherington, Caitlin [VCH]; Thumath, Meaghan
Cc: Compton, Miranda [VCH]; Anderson, Michelle [VCH]
Subject: RE: Urgent ERC shower trailer inquiry

Jay Francescutti,
Manager, Deployments and Facilities
BC Mobile Medical Unit – Health Emergency Management BC (HEMBC)
Provincial Health Services Authority

Office: 200-1333 West Broadway, Vancouver, BC, V6H 1G9
Phone: 604-940-1498 | Mobile: [§.15\(1\)\(i\)](#) | jay.francescutti@phsa.ca | www.bcmmu.ca

Peter Hennecke, RN, BScN, MA, CD1
Clinical Operations Director
BC Mobile Medical Unit – Health Emergency Management BC (HEMBC)
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Office: 200-1333 W Broadway, Vancouver, BC
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From: [Phillips, Mark \[VCH\]](#)
To: [Lavery, John \[PHSA\]](#); [Hutton, David \[PHSA\]](#); [Hyland, Ita \[PHSA\]](#)
Subject: Fwd: [Weather Alert]: Heat Warning & Extreme Heat
Date: Friday, June 25, 2021 11:14:13 AM
Attachments: [21_06_25_Extreme_Heat_messaging_for_Regional_EDs.pdf](#)
[image003.png](#)

Fyi. VCH messaging below.

Mark Phillips
604-816-2284

----- Forwarded message -----

From: "HEMBC LM [PHSA]" <HEMBC.LM@phsa.ca>
Date: Jun. 25, 2021 11:13 a.m.
Subject: [Weather Alert]: Heat Warning & Extreme Heat
To: "Harrison, Scott [PH]" <SHarrison@providencehealth.bc.ca>, "Payne, Ashley [PH]" <APayne@providencehealth.bc.ca>, "Payne, Ashley [PH]" <APayne@providencehealth.bc.ca>, "Heppell, Leanne [PH]" <LHeppell@providencehealth.bc.ca>, "Nica, Luminita [BCCancer]" <lnica@bccancer.bc.ca>, "Burgoyne, Sue [CWBC]" <sburgoyne@cw.bc.ca>, "Schroeder, Susan [CWBC]" <SSchroeder2@cw.bc.ca>, "Burgoyne, Sue [CWBC]" <sburgoyne@cw.bc.ca>, "Nica, Luminita [BCCancer]" <lnica@bccancer.bc.ca>, "Charlebois, Philip [VCH]" <Philip.Charlebois@vch.ca>, "Myhill-Jones, Shari [VCH]" <Shari.MyhillJones@vch.ca>, "Dhami, Kamaljit [VCH]" <kamaljit.dhami@vch.ca>, "Walker, Doran [VCH]" <doran.walker@vch.ca>, "Irwin, Corrie [VCH]" <Corrie.Irwin@vch.ca>, "Gooding, Susan [VCH]" <Susan.Gooding@vch.ca>, "Sweetapple, Nancy [VCH]" <Nancy.Sweetapple@vch.ca>, "Sparks, Brett [VCH]" <brett.sparks@vch.ca>, "Eliopoulos, Vivian [VCH]" <Vivian.Eliopoulos@vch.ca>, "Brown, Ross Dr [VCH]" <Ross.Brown@vch.ca>, "Kim Sing, Chad [VCH]" <Chad.KimSing@vch.ca>, "Parr, Sean [VCH]" <Sean.Parr@vch.ca>, "Malenstyn, Gail [VCH]" <Gail.Malenstyn@vch.ca>, "de Moor, Michelle [VCH]" <Michelle.DeMoor@vch.ca>, "Chapman, Bob [VCH]" <Bob.Chapman@vch.ca>, "Pope, Darcia [VCH]" <Darcia.Pope@vch.ca>, "Mackenzie, Angela [VCH]" <Angela.MacKenzie@vch.ca>, "Chiang, Charlene [VCH]" <charlene.chiang@vch.ca>, "Taulu, Tracey [VCH]" <Tracey.Taulu@vch.ca>, "Tait, JoAnn [VCH]" <joann.tait@vch.ca>, "Phillips, Mark [PHSA]" <Mark.Phillips@phsa.ca>, "Laberge, Maddy [PHSA]" <maddy.laberge@phsa.ca>, "Blessin, Scott [PHSA]" <Scott.Blessin@phsa.ca>, "Spence, Nicole [PHSA]" <nicole.spence@phsa.ca>, "Daly, Patty [VCH]" <Patricia.Daly@vch.ca>, "Schwandt, Michael [VCH]" <michael.schwandt@vch.ca>, "Peterson, Emily [VCH]" <emily.peterson@vch.ca>
Cc: "HEMBC LM [PHSA]" <HEMBC.LM@phsa.ca>
Sent on behalf of Dr. Mark Lysyshyn, Deputy Chief Medical Health Officer VCH & HEMBC Lower Mainland

HEMBC Alert: Environment Canada Weather Warning

5:16 AM PDT Friday 25 June 2021

A dangerous long duration heat wave will affect B.C. beginning today and lasting until at least Wednesday.

Threat: Daytime highs ranging from **29 to 38** degrees celsius combined with overnight lows of **18 to 21** degrees celsius. Humidex values during this period will reach the high 30's to possibly the low 40's.

Locations: Metro Vancouver - Central, Metro Vancouver SW, Metro Vancouver - North Shore, Greater Victoria, Howe Sound, Whistler, Sunshine Coast, Southern Gulf Islands, East Vancouver Island, Inland Vancouver Island.

Timespan: Today to at least Wednesday.

Find further details here: https://weather.gc.ca/warnings/index_e.html?prov=bc.

To: *Vancouver Coastal Health and Providence Health Care Administrators/Leaders On-Call & Executive Senior Leadership*

Subject: Heat Resources

Importance: High

Dear colleagues,

The forecast is predicting very hot temperatures over the coming days. Early forecasts indicate that we will meet our rare Extreme Heat Alert level. According to the BCCDC historical data, the Extreme Heat Alert criteria is linked to at least a 20% increase in mortality.

These high temperatures over the coming days will likely result in an increase in heat-related illness or death and require closer monitoring of clients, residents and patients. Spending time in a cool space and drinking plenty of liquids is the best way to prevent heat-related illness for both clients and staff.

Extreme heat already causes measurable health impacts in our region and will become more of an issue as the climate warms. For example, during the [2009 heat wave](#), the greater Vancouver region saw a significant increase in mortality.

In the attached we have provided some key points and resources that may be helpful for planning and response to this heat event.

Sincerely,

Dr Mark Lysyshyn
Deputy Chief Medical Health Officer
Vancouver Coastal Health

Mark Phillips

Director, Lower Mainland Emergency Management & Fire Safety
Health Emergency Management British Columbia (HEMBC)
200–1333 W Broadway, Floor 11, Vancouver, BC V6H 4C1
Mobile: 604-816-2284
Email: mark.phillips@phsa.ca

HEMBC LM Duty Officer: 1-855-675-2436



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To: Vancouver Coastal Health EDs

Subject: Heat Resources

Importance: High

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Below we have provided some key points and resources that may be helpful for planning and response to this heat event.

Sincerely,

Dr Mark Lysyshyn
Deputy Chief Medical Health Officer
Vancouver Coastal Health

Extreme Heat Key Points to Remember

1. Stay up-to date on weather forecasts and heat alerts
2. If appropriate, develop a heat response plan specific to your department
3. Keep in mind that certain members of the community are at higher risk for heat-related illness and death, including:
 - Older adults
 - Infants and young children
 - People with chronic illnesses (cardiovascular disease, respiratory disease, renal disease, psychiatric illness)
 - People who live alone
 - People who are confined to bed or dependent on assistance for daily living
 - People taking [certain medications](#), (antihypertensives, antidepressants, antipsychotics, anti-Parkinson's agents)
 - People experiencing homelessness or living in precarious housing
 - People who may be more prone to suicidal ideation
 - People who work outside or are physically active
4. Watch for symptoms of heat illness in clients, residents and patients
5. Make sure the care environment is kept cool or that clients, residents and patients have access to cooler spaces
6. Provide plenty of fluids to clients, residents and patients
7. Ensure staff have ways to cool down and drink plenty of fluids

Heat Resources

Infographics and Public Facing Resources	
VCH heat webpage	Links to a number of public facing resources including pamphlets from Health Canada, HealthLink BC resources and other guidance
Extreme Heat Poster Image / PDF - VCH	1-page VCH poster on the symptoms of heat related illness and actions that can be taken to protect health
Staying healthy in the heat infographics – Health Canada	Three 1-page cartoon infographics: "Signs and Symptoms", "Who's at Risk" and "Safety Tips" from Health Canada
Community Care Facility Licensing Resources	
Long-term care - VCH	How to prepare for the heat season and what to do during a heat alert
Childcare - VCH	How to prepare for the heat season and what to do during a heat alert
Long-Term Care & Assisted Living Professional Practice Documents	
Heat Stress – Keeping Residents & Staff Safe – VCH	PowerPoint from the Long-Term Care & Assisted Living Professional Practice Team
Heat Stress- planning for prevention in residential care – VCH	VCH Professional Practice document
Hydration: Promoting Fluid Intake and Preventing Dehydration – VCH	VCH Professional Practice document
Health Canada Best Practice Guidance Documents for Healthcare	
Technical guide for health care workers - Health Canada	Physiology and pathology, risk factors, medications, prevention, and emergency preparedness guidance
Health Facilities Preparation for Extreme Heat – Health Canada	Recommendations for effective health facility management to protect your staff and patients
Acute Care During Extreme Heat – Health Canada	Recommendations and information for health care workers
Community Care During Extreme Heat – Health Canada	Recommendations for health care workers working in the community and in patient/client homes
Information for Workers	
Heat Stress - Worksafe BC	Information on the dangers to workers and how to protect them

From: [Thumath, Meaghan](#)
To: [Lavery, John \[PHSA\]](#)
Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**
Date: Friday, June 25, 2021 11:29:28 AM

Super helpful thank you!

M.

From: Lavery, John [PHSA] <john.lavery@phsa.ca>
Sent: Friday, June 25, 2021 11:24 AM
To: Thumath, Meaghan <meaghan.thumath@vch.ca>
Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**

Hi again Meghan – here is more information from one of my team:

s.13(1), s.17(1)



John Lavery
Executive Director
Health Emergency Management British Columbia (HEMBC)
Provincial Health Services Authority
Cell: **s.15(1)(i)**

From: Thumath, Meaghan <meaghan.thumath@vch.ca>
Sent: Thursday, June 24, 2021 7:06 PM
To: Lavery, John [PHSA] <john.lavery@phsa.ca>
Subject: Fwd: Heat wave and temperature control **s.13(1), s.17(1)**

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Begin forwarded message:

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Cc: "Dawar, Meena [VCH]" <Meena.Dawar@vch.ca>, "Weatherill, Shelagh [VCH]"

<shelagh.weatherill1@vch.ca>, "Chou, Hang [VCH]" <Hang.Chou@vch.ca>, "Gill, Jagdeep [VCH]" <Jagdeep.Gill@vch.ca>

Subject: Heat wave and temperature control for mass vaccine tents

Hi Peter and Jay, thanks again for your brilliant assistance with the COVID isolation sites last year! I'm hoping you might have some advice for our COVID-19 vaccine teams

s.13(1), s.17(1)

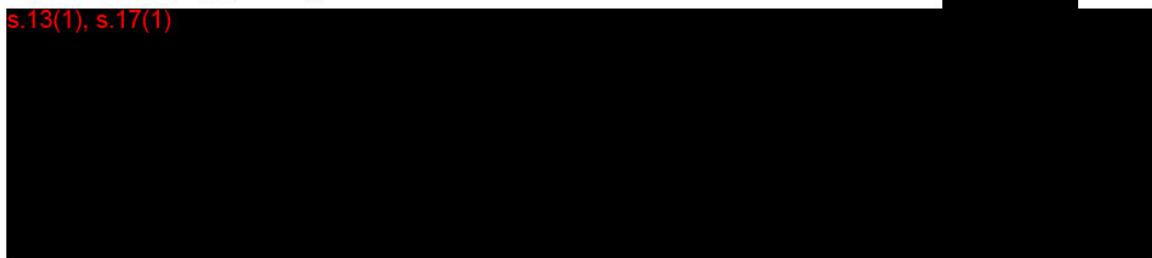


Image of the sites:

<https://www.vcc.ca/about/college-information/news/article/vcc-partners-with-vch-to-support-access-to-covid-19-testing.html>

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We can try to get you some better photos with more details or let me know if you might have a staff person that could stop by and provide some advice?

Many thanks,

M.

Meaghan Thumath, RN, MPH, D.LSHTM *she/her*

Regional Director Communicable Disease Control, Vancouver Coastal Health
Clinical Assistant Professor, School of Nursing, University of British Columbia
Clinician Scientist, Centre for Gender and Sexual Health Equity (CGSHE)

Email: Meaghan.thumath@vch.ca

Mobile: **s.15(1)(l)**

Office: #800-601 West Broadway, Vancouver, BC, V5Z 4C2

Admin: Lisan Kwint lisan.kwindt@vch.ca 6046752528

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Sent: Monday, November 16, 2020 12:39 PM
To: Etherington, Caitlin [VCH]; Thumath, Meaghan
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Subject: RE: Urgent ERC shower trailer inquiry

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From: [Lavery, John \[PHSA\]](#)
To: [Madeline.Maley@gov.bc.ca](#)
Cc: [Galt, Jamie \[EXT\]](#)
Subject: Quick call?
Date: Friday, June 25, 2021 1:00:05 PM

Hi Madeleine, we are running into an issue in the interior with the exteme heat and some
s.13(1)

Would you have time for a quick call to discuss how best to resolve this? I am available any time on my cell at s.15(1)(l).

My best,

John

John Lavery
Executive Director
Health Emergency Management BC
Mobile: s.15(1)(l)

From: Wong, Titus [VCH]
To: Thumath, Meaghan; Lavery, John [PHSA]; Kim, Lauren [VCH]; Hankins, Allyson [VCH]; Frketich, Julie [VCH]
Cc: Muniak, Allison [VCH]
Subject: RE: Heat wave and temperature control for **s.13(1), s.17(1)**
Date: Friday, June 25, 2021 1:07:27 PM
Attachments: [image001.png](#)
[image003.png](#)

Thanks Meaghan!

Including our IPAC/QPS team that has been assisting with the clinics.

s.13(1), s.17(1)



Best,

Titus

Titus Wong, MD, MHSc, FRCPC

Regional Medical Director, Infection Prevention and Control, Vancouver Coastal Health
Medical Microbiology and Infection Control, Department of Pathology, Vancouver General Hospital
Medical Co-Director, BC Provincial Infection Control Network, Provincial Health Services Authority
Clinical Assistant Professor, Faculty of Medicine, University of British Columbia
[tel] 604-875-8228 [fax] 604-875-4359 [email] titus.wong@vch.ca

Administrative Assistant: Kelly Haines [email] kelly.haines@vch.ca
IPAC COVID-19 webpage - <http://ipac.vch.ca/Pages/Emerging-Issues.aspx>
My VCH COVID-19 webpage - <https://my.vch.ca/news-discussion/novel-coronavirus-update>
BC COVID-19 Symptom Self-Assessment Tool - <https://covid19.thrive.health/>

For healthcare worker questions re: symptoms, exposures, & travel contact:
workplacehealth@phsa.ca or 604-875-7244 (7 days/week)



SCAN ME

From: Thumath, Meaghan <meaghan.thumath@vch.ca>

Sent: Friday, June 25, 2021 1:04 PM

To: Lavery, John [PHSA] <john.lavery@phsa.ca>

Cc: Wong, Titus [VCH] <Titus.Wong@vch.ca>

Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**



Hi John, looping in our Medical Director of IPAC Dr Titus Wong here.

s.13(1), s.17(1)

s.13(1), s.17(1)

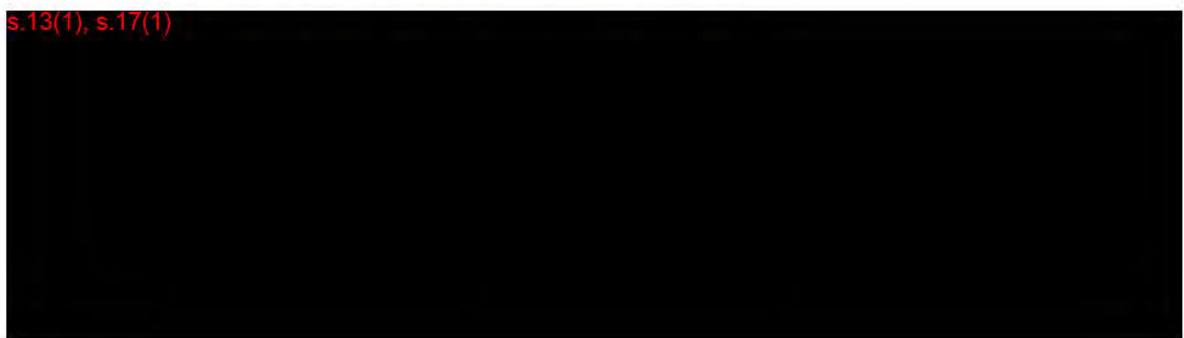
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Sent: Friday, June 25, 2021 11:24 AM
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Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**

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s.13(1), s.17(1)



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Executive Director
Health Emergency Management British Columbia (HEMBC)
Provincial Health Services Authority
Cell: **s.15(1)(i)**

From: Thumath, Meaghan <meaghan.thumath@vch.ca>
Sent: Thursday, June 24, 2021 7:06 PM
To: Lavery, John [PHSA] <john.lavery@phsa.ca>
Subject: Fwd: Heat wave and temperature control **s.13(1), s.17(1)**

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Begin forwarded message:

From: "Thumath, Meaghan" <meaghan.thumath@vch.ca>
Date: June 23, 2021 at 14:17:00 PDT
To: "Hennecke, Peter [PHSA]" <Peter.Hennecke@phsa.ca>, "Francescutti, Jay [PHSA]" <Jay.Francescutti@phsa.ca>
Cc: "Dawar, Meena [VCH]" <Meena.Dawar@vch.ca>, "Weatherill, Shelagh [VCH]" <shelagh.weatherill1@vch.ca>, "Chou, Hang [VCH]" <Hang.Chou@vch.ca>, "Gill, Jagdeep [VCH]" <Jagdeep.Gill@vch.ca>
Subject: Heat wave and temperature control **s.13(1), s.17(1)**

Hi Peter and Jay, thanks again for your brilliant assistance with the COVID isolation sites last year! I'm hoping you might have some advice for our COVID-19 vaccine teams

s.13(1), s.17(1)

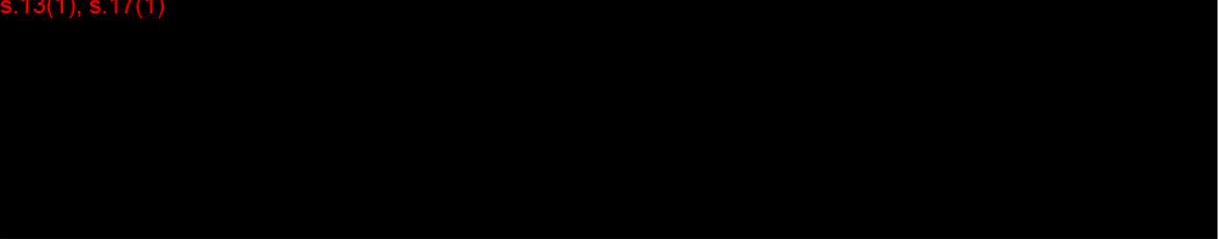


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<https://commons.bcit.ca/news/2021/04/bcit-supports-vaccination-rollout/>

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Meaghan Thumath, RN, MPH, D.LSHTM *she/her*

Regional Director Communicable Disease Control, Vancouver Coastal Health
Clinical Assistant Professor, School of Nursing, University of British Columbia
Clinician Scientist, Centre for Gender and Sexual Health Equity (CGSHE)

Email: Meaghan.thumath@vch.ca

Mobile: **s.15(1)(l)**

Office: #800-601 West Broadway, Vancouver, BC, V5Z 4C2

Admin: Lisan Kwint lisan.kwindt@vch.ca 6046752528

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Subject: RE: Urgent ERC shower trailer inquiry

Jay Francescutti,
Manager, Deployments and Facilities
BC Mobile Medical Unit – Health Emergency Management BC (HEMBC)
Provincial Health Services Authority

Office: 200-1333 West Broadway, Vancouver, BC, V6H 1G9
Phone: 604-940-1498 | Mobile: [s.15\(1\)\(l\)](#) | jay.francescutti@phsa.ca | www.bcmmu.ca

Peter Hennecke, RN, BScN, MA, CD1
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From: [Cunnings, Ian EMBC:EX](#)
To: [Lavery, John \[PHSA\]](#)
Cc: [hlth.dutyofficer@gov.bc.ca \[EXT\]](#); [Cyr, Adam T HLTH:EX](#); [Maley, Madeline L EMBC:EX](#); [Morrison, Andrew EMBC:EX](#); [Galt, Jamie \[EXT\]](#)
Subject: RE: Cooling Centre Follow-up
Date: Friday, June 25, 2021 1:12:06 PM
Attachments: [image008.png](#)

EXTERNAL SENDER. If you suspect this message is malicious, please forward to spam@phsa.ca and do not open attachments or click on links.

John, happy to meet. Our current approach is that we are supporting cooling centre's in communities where there is no other option, such as no public spaces such as a community centre or shopping centres.

Ian Cunnings | Senior Regional Manager

[Emergency Management BC](#)

14292 Green Timbers Way
Surrey, B.C. CANADA V3T 0J4

Ph: 236-468-1780 Cell: 604-785-7669
24 Hour Emergency Reporting: 1 800 663-3456

With gratitude, acknowledging I am working on the traditional territory of the Kwantlen, Semiahmoo and Katzie people

Follow PreparedBC



Follow EmergencyInfoBC



From: Lavery, John [PHSA] <john.lavery@phsa.ca>
Sent: June 25, 2021 12:42 PM
To: Morrison, Andrew EMBC:EX <Andrew.Morrison@gov.bc.ca>; Cunnings, Ian EMBC:EX <lan.Cunnings@gov.bc.ca>; Galt, Jamie HLTH:EX <Jamie.Galt@gov.bc.ca>
Cc: HLTH MOC Duty Officer HLTH:EX <hlth.dutyofficer@gov.bc.ca>; Cyr, Adam T HLTH:EX <Adam.Cyr@gov.bc.ca>
Subject: RE: Cooling Centre Follow-up

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Hi all, I'm hoping we can meet ASAP on this. **s.13(1), s.17(1)**

s.13(1), s.17(1)



Thanks,

John

John Lavery
Executive Director
Health Emergency Management BC
Mobile: s.15(1)(l)

On Jun. 25, 2021 12:29 p.m., "Galt, Jamie HLTH:EX" <Jamie.Galt@gov.bc.ca> wrote:

EXTERNAL SENDER. If you suspect this message is malicious, please forward to spam@phsa.ca and do not open attachments or click on links.

Hi Andrew and Ian,

I just got off the phone with John Lavery ED of HEMBC s.13(1)



Do both of you have time this afternoon for a quick coord call to discuss. I would also include the Dr Sue Pollock and Ryan Kuhn.

If so I will arrange a quick call.

Thanks
J

From: Morrison, Andrew EMBC:EX <Andrew.Morrison@gov.bc.ca>
Sent: June 25, 2021 10:31 AM
To: Galt, Jamie HLTH:EX <Jamie.Galt@gov.bc.ca>
Cc: Cummings, Ian EMBC:EX <Ian.Cummings@gov.bc.ca>
Subject: RE: Cooling Centre Follow-up

Hi Jamie

Thanks for following up. We are still getting questions but I think the messaging that went out helped. We are monitoring and looking at all requests on a case by case basis given the record breaking nature of this heat.

I don't think we need a facilitated call is warranted at this point, but will reach out if that changes.

Copied Ian C (A/ED) just for awareness.

Andrew Morrison | Senior Regional Manager
[Emergency Management BC](#)

1255-D Dalhousie Drive
Kamloops BC Canada V2C 5Z5
Phone: 236-468-1784

24 Hour Emergency Reporting: [1 800 663-3456](tel:18006633456)
Follow us on Twitter [@EmergencyInfoBC](#) and [@PreparedBC](#)

Acknowledging that we are conducting our operations on the unceded traditional territory of the Tkemlúps te Secwépemc people.



From: Galt, Jamie HLTH:EX <Jamie.Galt@gov.bc.ca>
Sent: June 25, 2021 10:25 AM
To: Morrison, Andrew EMBC:EX <Andrew.Morrison@gov.bc.ca>
Subject: Cooling Centre Follow-up

Hi Andrew,

Just wanted to follow up with you quickly to see if the issue we discussed yesterday still persists today. As far as I know my email and comments as described to you was shared directly with Dr Sue Pollard, the acting Chief Medical Health Officer for Interior Health, and with Ryan Kuhn (along with the rest of the HEMBC regional directors).

Please let me know if you would like another follow-up or think a more facilitated conversation is warranted between you and Interior Health. Happy to support where and if needed.

Best,

Jamie

Jamie Galt, CD, MA
A/Director

Emergency Management Unit
COVID Response & Health Emergency Management
Ministry of Health
Office: (778) 698-5823
Cell: **s.15(1)(l)**
PO Box 9639 Stn Prov Govt, Victoria BC V8W 9P1



If this is an emergency impacting the provincial health system, please contact our 24/7 Duty Officer at **s.15(1)(l)**
or hlth.dutyofficer@gov.bc.ca

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I respectfully acknowledge the unceded territories of the Songhees, Esquimalt and WSÁNEC peoples'.

From: [Lavery, John \[PHSA\]](#)
To: [Thumath, Meaghan](#)
Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**
Date: Friday, June 25, 2021 1:21:55 PM

Awesome – thanks so much!

John Lavery
Executive Director
Health Emergency Management British Columbia (HEMBC)
Provincial Health Services Authority
Cell: **s.15(1)(i)**

From: Thumath, Meaghan <meaghan.thumath@vch.ca>
Sent: Friday, June 25, 2021 1:13 PM
To: Lavery, John [PHSA] <john.lavery@phsa.ca>
Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**

Ok thank you! Happy to share the review once Titus' team has had a chance to look at it.

M.

From: Lavery, John [PHSA] <john.lavery@phsa.ca>
Sent: Friday, June 25, 2021 1:12 PM
To: Thumath, Meaghan <meaghan.thumath@vch.ca>
Cc: Wong, Titus [VCH] <Titus.Wong@vch.ca>
Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**

Hi Meaghan **s.13(1), s.17(1)**



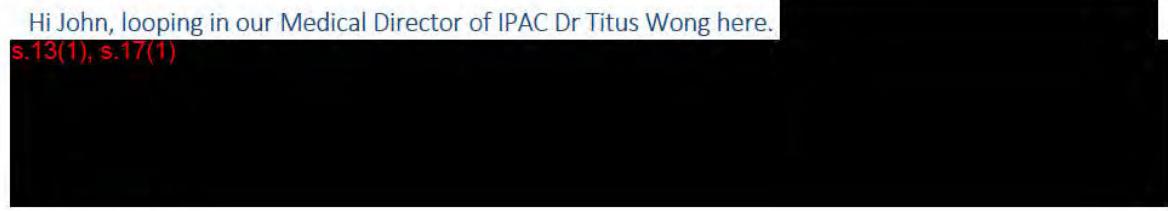
My best,

John

John Lavery
Executive Director
Health Emergency Management British Columbia (HEMBC)
Provincial Health Services Authority
Cell: **s.15(1)(i)**

From: Thumath, Meaghan <meaghan.thumath@vch.ca>
Sent: Friday, June 25, 2021 1:04 PM
To: Lavery, John [PHSA] <john.lavery@phsa.ca>
Cc: Wong, Titus [VCH] <Titus.Wong@vch.ca>
Subject: RE: Heat wave and temperature control for **s.13(1), s.17(1)**

Hi John, looping in our Medical Director of IPAC Dr Titus Wong here.
s.13(1), s.17(1)



Many thanks,

M.

From: Lavery, John [PHSA] <john.lavery@phsa.ca>
Sent: Friday, June 25, 2021 11:24 AM
To: Thumath, Meaghan <meaghan.thumath@vch.ca>
Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**

Hi again Meghan – here is more information from one of my team:

s.13(1), s.17(1)



John Lavery
Executive Director
Health Emergency Management British Columbia (HEMBC)
Provincial Health Services Authority
Cell: **s.15(1)(i)**

From: Thumath, Meaghan <meaghan.thumath@vch.ca>
Sent: Thursday, June 24, 2021 7:06 PM
To: Lavery, John [PHSA] <john.lavery@phsa.ca>
Subject: Fwd: Heat wave and temperature control **s.13(1), s.17(1)**

Hi John, see below!

Begin forwarded message:

From: "Thumath, Meaghan" <meaghan.thumath@vch.ca>
Date: June 23, 2021 at 14:17:00 PDT

To: "Hennecke, Peter [PHSA]" <Peter.Hennecke@phsa.ca>, "Francescutti, Jay [PHSA]" <Jay.Francescutti@phsa.ca>
Cc: "Dawar, Meena [VCH]" <Meena.Dawar@vch.ca>, "Weatherill, Shelagh [VCH]" <shelagh.weatherill1@vch.ca>, "Chou, Hang [VCH]" <Hang.Chou@vch.ca>, "Gill, Jagdeep [VCH]" <Jagdeep.Gill@vch.ca>
Subject: Heat wave and temperature control **s.13(1), s.17(1)**

Hi Peter and Jay, thanks again for your brilliant assistance with the COVID isolation sites last year! I'm hoping you might have some advice for our COVID-19 vaccine teams
[REDACTED]
[REDACTED]

Image of the sites:

<https://www.vcc.ca/about/college-information/news/article/vcc-partners-with-vch-to-support-access-to-covid-19-testing.html>

<https://commons.bcit.ca/news/2021/04/bcit-supports-vaccination-rollout/>

We can try to get you some better photos with more details or let me know if you might have a staff person that could stop by and provide some advice?

Many thanks,

M.

Meaghan Thumath, RN, MPH, D.LSHTM *she/her*

Regional Director Communicable Disease Control, Vancouver Coastal Health
Clinical Assistant Professor, School of Nursing, University of British Columbia
Clinician Scientist, Centre for Gender and Sexual Health Equity (CGSHE)

Email: Meaghan.thumath@vch.ca

Mobile: **s.15(1)(l)**

Office: #800-601 West Broadway, Vancouver, BC, V5Z 4C2

Admin: Lisan Kwintt lisan.kwindt@vch.ca 6046752528

I acknowledge that I live and work on the traditional unceded homelands of the xʷməθkʷyəm (Musqueam), Skwxwú7mesh (Squamish), and Səl̓ílwətaʔ/Selilwitulh (Tsleil-Waututh) Nations

From: Hennecke, Peter [PHSA]
Sent: Monday, November 16, 2020 12:39 PM
To: Etherington, Caitlin [VCH]; Thumath, Meaghan
Cc: Compton, Miranda [VCH]; Anderson, Michelle [VCH]
Subject: RE: Urgent ERC shower trailer inquiry

Jay Francescutti,
Manager, Deployments and Facilities
BC Mobile Medical Unit – Health Emergency Management BC (HEMBC)
Provincial Health Services Authority

Office: 200-1333 West Broadway, Vancouver, BC, V6H 1G9
Phone: 604-940-1498 | Mobile: **s.15(1)(l)** | jay.francescutti@phsa.ca | www.bcmmu.ca

Peter Hennecke, RN, BScN, MA, CD1
Clinical Operations Director
BC Mobile Medical Unit – Health Emergency Management BC (HEMBC)
Provincial Health Services Authority

Office: 200-1333 W Broadway, Vancouver, BC
Phone: 604-875-7384 | Mobile: 604-880-0869 | peter.hennecke@phsa.ca | www.bcmmu.ca

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From: Wong, Titus [VCH]
To: Thumath, Meaghan; Fleck, Shelly [VCH]; Lavery, John [PHSA]; Cooper, Jesse [VCH]
Cc: Kim, Lauren [VCH]; Hankins, Allyson [VCH]; Weatherill, Shelagh [VCH]; Watson, Brittany [VCH]; Muniak, Allison [VCH]; Wilson, Bonnie [Director 520][VCH]; Dawar, Meena [VCH]
Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**
Date: Friday, June 25, 2021 1:22:01 PM

Hi All,

I had a conversation with Lauren, who is on site at VCC. **s.13(1), s.17(1)**



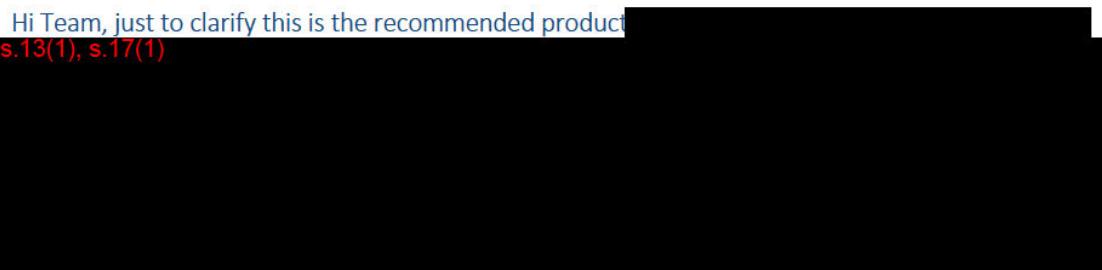
Any objections from this group?

Best,

Titus

From: Thumath, Meaghan <meaghan.thumath@vch.ca>
Sent: Friday, June 25, 2021 1:09 PM
To: Fleck, Shelly [VCH] <Shelly.Fleck@vch.ca>; Wong, Titus [VCH] <Titus.Wong@vch.ca>; Lavery, John [PHSA] <john.lavery@phsa.ca>
Cc: Kim, Lauren [VCH] <Lauren.Kim@vch.ca>; Hankins, Allyson [VCH] <Allyson.Hankins@vch.ca>; Weatherill, Shelagh [VCH] <shelagh.weatherill1@vch.ca>; Watson, Brittany [VCH] <brittany.watson2@vch.ca>; Muniak, Allison [VCH] <Allison.Muniak@vch.ca>; Wilson, Bonnie [Director 520][VCH] <Bonnie.Wilson@vch.ca>; Dawar, Meena [VCH] <Meena.Dawar@vch.ca>
Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**
Importance: High

Hi Team, just to clarify this is the recommended product
s.13(1), s.17(1)



Working with this brief, HEMBC assessed the sites and recommended **s.13(1), s.17(1)**



Many thanks,

M.

Meaghan Thumath, RN, MPH, D.LSHTM *she/her*

Regional Director Communicable Disease Control, Vancouver Coastal Health
Clinical Assistant Professor, School of Nursing, University of British Columbia
Clinician Scientist, Centre for Gender and Sexual Health Equity (CGSHE)

Email: Meaghan.thumath@vch.ca

Mobile: **s.15(1)(l)**

Office: #800-601 West Broadway, Vancouver, BC, V5Z 4C2

Admin: Lisan Kwintdt lisan.kwindt@vch.ca 6046752528

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From: Fleck, Shelly [VCH] <Shelly.Fleck@vch.ca>
Sent: Friday, June 25, 2021 1:03 PM
To: Wong, Titus [VCH] <Titus.Wong@vch.ca>
Cc: Kim, Lauren [VCH] <Lauren.Kim@vch.ca>; Hankins, Allyson [VCH] <Allyson.Hankins@vch.ca>; Weatherill, Shelagh [VCH] <shelagh.weatherill1@vch.ca>; Watson, Brittany [VCH] <brittany.watson2@vch.ca>; Muniak, Allison [VCH] <Allison.Muniak@vch.ca>; Wilson, Bonnie [Director 520][VCH] <Bonnie.Wilson@vch.ca>; Dawar, Meena [VCH] <Meena.Dawar@vch.ca>; Thumath, Meaghan <meaghan.thumath@vch.ca>
Subject: Re: Heat wave and temperature control **s.13(1), s.17(1)**

Hi Titus. I do not think this is our work

Why don't you reach out to hembc and ask them for help?

Shelly

Sent from my iPhone

On Jun 25, 2021, at 12:55 PM, Wong, Titus [VCH] <Titus.Wong@vch.ca> wrote:

Hi Team,

s.13(1), s.17(1)

s.13(1), s.17(1)

Best,

Titus

From: Thumath, Meaghan <meaghan.thumath@vch.ca>

Sent: Friday, June 25, 2021 12:51 PM

To: Wong, Titus [VCH] <Titus.Wong@vch.ca>

Subject: FW: Heat wave and temperature control **s.13(1), s.17(1)**

From: Wilson, Bonnie [Director 520][VCH] <Bonnie.Wilson@vch.ca>

Sent: Friday, June 25, 2021 12:23 PM

To: Thumath, Meaghan <meaghan.thumath@vch.ca>; Gill, Jagdeep [VCH]

<Jagdeep.Gill@vch.ca>; Dawar, Meena [VCH] <Meena.Dawar@vch.ca>; Chou, Hang

[VCH] <Hang.Chou@vch.ca>; Bhagat, Radhika [VCH] <radhika.bhagat@vch.ca>; Malnis,

Emily [VCH] <Emily.Malnis@vch.ca>

Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**

Thanks for this Meaghan – **s.13(1), s.17(1)**

s.13(1), s.17(1)

Bonnie Wilson

Pronouns she/her

Director, Vancouver Vaccine Operations

Vancouver Coastal Health

Direct 604 202-8241

e-mail bonnie.wilson@vch.ca

To book appointments please contact my Admin Assistant Pamela Eng at pamela.eng@vch.ca

I acknowledge that my place of work lies on the unceded traditional homelands of the Musqueam, Squamish and Tsleil-Waututh Nations.

The content of this e-mail is confidential and may be privileged. If you receive this e-mail in error, please contact the sender and delete it immediately.

From: Thumath, Meaghan

Sent: Friday, June 25, 2021 11:29 AM

To: Gill, Jagdeep [VCH] <Jagdeep.Gill@vch.ca>; Dawar, Meena [VCH]

<Meena.Dawar@vch.ca>; Chou, Hang [VCH] <Hang.Chou@vch.ca>; Bhagat, Radhika

[VCH] <radhika.bhagat@vch.ca>; Wilson, Bonnie [Director 520][VCH]

<Bonnie.Wilson@vch.ca>; Malnis, Emily [VCH] <Emily.Malnis@vch.ca>

Subject: FW: Heat wave and temperature control **s.13(1), s.17(1)**

s.13(1), s.17(1)

M.

From: Lavery, John [PHSA] <john.lavery@phsa.ca>

Sent: Friday, June 25, 2021 11:24 AM

To: Thumath, Meaghan <meaghan.thumath@vch.ca>

Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**

Hi again Meghan – here is more information from one of my team:

s.13(1), s.17(1)

John Lavery
Executive Director
Health Emergency Management British Columbia (HEMBC)
Provincial Health Services Authority
Cell: **s.15(1)(i)**

From: [Lavery, John \[PHSA\]](#)
To: [Delorme, Gerry \(PHSA\) \[VIHA\]](#)
Subject: Fwd: RE: Heat wave and temperature control **s.13(1), s.17(1)**
Date: Friday, June 25, 2021 2:03:44 PM

John Lavery
Executive Director
Health Emergency Management BC
Mobile: **s.15(1)(l)**

----- Forwarded message -----

From: "Wilson, Bonnie [Director 520][VCH]" <Bonnie.Wilson@vch.ca>
Date: Jun. 25, 2021 2:03 p.m.
Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**
To: "Kim, Lauren [VCH]" <Lauren.Kim@vch.ca>, "Hankins, Allyson [VCH]" <Allyson.Hankins@vch.ca>
Cc: "Wong, Titus [VCH]" <Titus.Wong@vch.ca>, "Thumath, Meaghan" <meaghan.thumath@vch.ca>, "Fleck, Shelly [VCH]" <Shelly.Fleck@vch.ca>, "Lavery, John [PHSA]" <john.lavery@phsa.ca>, "Cooper, Jesse [VCH]" <Jesse.Cooper@vch.ca>, "Weatherill, Shelagh [VCH]" <shelagh.weatherill1@vch.ca>, "Watson, Brittany [VCH]" <brrittany.watson2@vch.ca>, "Muniak, Allison [VCH]" <Allison.Muniak@vch.ca>, "Dawar, Meena [VCH]" <Meena.Dawar@vch.ca>, "Akey, Tammy [VCH]" <tammy.akey@vch.ca>, "Yang, Justin [VCH]" <justin.yang@vch.ca>, "Nichols, Michelle [VCH]" <Michelle.Nichols@vch.ca>
Thanks so much everyone.

We have someone from Facilities who is working on ordering and set up.

Really appreciate the support.

Bonnie Wilson

Pronouns she/her

Director, Vancouver Vaccine Operations

Vancouver Coastal Health

Direct 604 202-8241

e-mail bonnie.wilson@vch.ca

To book appointments please contact my Admin Assistant Pamela Eng at pamela.eng@vch.ca

I acknowledge that my place of work lies on the unceded traditional homelands of the Musqueam, Squamish and Tsleil-Waututh Nations.
The content of this e-mail is confidential and may be privileged. If you receive this e-mail in error, please contact the sender and delete it immediately.

From: Kim, Lauren [VCH]

Sent: Friday, June 25, 2021 1:29 PM

To: Hankins, Allyson [VCH] <Allyson.Hankins@vch.ca>

Cc: Wong, Titus [VCH] <Titus.Wong@vch.ca>; Thumath, Meaghan <meaghan.thumath@vch.ca>; Fleck, Shelly [VCH] <Shelly.Fleck@vch.ca>; Lavery, John [PHSA] <john.lavery@phsa.ca>; Cooper,

Jesse [VCH] <Jesse.Cooper@vch.ca>; Weatherill, Shelagh [VCH] <shelagh.weatherill1@vch.ca>; Watson, Brittany [VCH] <brrittany.watson2@vch.ca>; Muniak, Allison [VCH] <Allison.Muniak@vch.ca>; Wilson, Bonnie [Director 520][VCH] <Bonnie.Wilson@vch.ca>; Dawar, Meena [VCH] <Meena.Dawar@vch.ca>; Akey, Tammy [VCH] <tammy.akey@vch.ca>; Yang, Justin [VCH] <justin.yang@vch.ca>

Subject: Re: Heat wave and temperature control s.13(1), s.17(1)

I have added Tammy Akey and Justin Yang to this email. L

Sent from my iPhone

On Jun 25, 2021, at 1:25 PM, Hankins, Allyson [VCH] <Allyson.Hankins@vch.ca> wrote:

s.13(1), s.17(1)

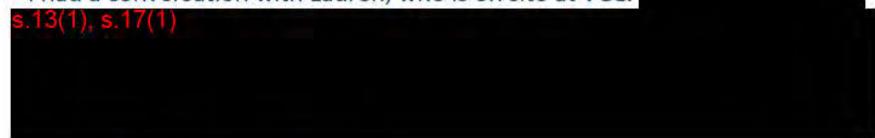

Ally

Sent from my iPhone

On Jun 25, 2021, at 1:22 PM, Wong, Titus [VCH] <Titus.Wong@vch.ca> wrote:

Hi All,

I had a conversation with Lauren, who is on site at VCC.

s.13(1), s.17(1)


Any objections from this group?

Best,

Titus

From: Thumath, Meaghan <meaghan.thumath@vch.ca>

Sent: Friday, June 25, 2021 1:09 PM

To: Fleck, Shelly [VCH] <Shelly.Fleck@vch.ca>; Wong, Titus [VCH] <Titus.Wong@vch.ca>; Lavery, John [PHSA] <john.lavery@phsa.ca>

Cc: Kim, Lauren [VCH] <Lauren.Kim@vch.ca>; Hankins, Allyson [VCH]

<Allyson.Hankins@vch.ca>; Weatherill, Shelagh [VCH]
<shelagh.weatherill1@vch.ca>; Watson, Brittany [VCH]
<brittany.watson2@vch.ca>; Muniak, Allison [VCH]
<[Allison.Muniak@vch.ca](mailto>Allison.Muniak@vch.ca)>; Wilson, Bonnie [Director 520][VCH]
<Bonnie.Wilson@vch.ca>; Dawar, Meena [VCH] <Meena.Dawar@vch.ca>
Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**
Importance: High

Hi Team, just to clarify this is the recommended **s.13(1)**
s.13(1), s.17(1)

Working with this brief, HEMBC assessed the sites and recommended **s.13(1)**

s.13(1), s.17(1)

Many thanks,

M.

Meaghan Thumath, RN, MPH, D.LSHTM *she/her*

Regional Director Communicable Disease Control, Vancouver Coastal Health
Clinical Assistant Professor, School of Nursing, University of British Columbia
Clinician Scientist, Centre for Gender and Sexual Health Equity (CGSHE)

Email: Meaghan.thumath@vch.ca

Mobile: **s.15(1)(l)**

Office: #800-601 West Broadway, Vancouver, BC, V5Z 4C2

Admin: Lisan Kwindt lisan.kwindt@vch.ca 6046752528

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Cc: Kim, Lauren [VCH] <Lauren.Kim@vch.ca>; Hankins, Allyson [VCH] <Allyson.Hankins@vch.ca>; Weatherill, Shelagh [VCH] <shelagh.weatherill1@vch.ca>; Watson, Brittany [VCH] <brittany.watson2@vch.ca>; Muniak, Allison [VCH] <Allison.Muniak@vch.ca>; Wilson, Bonnie [Director 520][VCH] <Bonnie.Wilson@vch.ca>; Dawar, Meena [VCH] <Meena.Dawar@vch.ca>; Thumath, Meaghan <meaghan.thumath@vch.ca>
Subject: Re: Heat wave and temperature control **s.13(1), s.17(1)**

Hi Titus. I do not think this is our work

Why don't you reach out to hembc and ask them for help?

Shelly

Sent from my iPhone

On Jun 25, 2021, at 12:55 PM, Wong, Titus [VCH] <Titus.Wong@vch.ca> wrote:

Hi Team,

s.13(1), s.17(1)



Best,

Titus

From: Thumath, Meaghan <meaghan.thumath@vch.ca>

Sent: Friday, June 25, 2021 12:51 PM

To: Wong, Titus [VCH] <Titus.Wong@vch.ca>

Subject: FW: Heat wave and temperature control **s.13(1), s.17(1)**



From: Wilson, Bonnie [Director 520][VCH]

<Bonnie.Wilson@vch.ca>

Sent: Friday, June 25, 2021 12:23 PM

To: Thumath, Meaghan <meaghan.thumath@vch.ca>; Gill, Jagdeep [VCH] <Jagdeep.Gill@vch.ca>; Dawar, Meena [VCH] <Meena.Dawar@vch.ca>; Chou, Hang [VCH] <Hang.Chou@vch.ca>; Bhagat, Radhika [VCH] <radhika.bhagat@vch.ca>; Malnis, Emily [VCH] <Emily.Malnis@vch.ca>

Subject: RE: Heat wave and temperature control s.13(1), s.17(1)

Thanks for this Meaghan – s.13(1), s.17(1)

Bonnie Wilson

Pronouns she/her

Director, Vancouver Vaccine Operations

Vancouver Coastal Health

Direct 604 202-8241

e-mail bonnie.wilson@vch.ca

To book appointments please contact my Admin Assistant Pamela Eng at pamela.eng@vch.ca

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To: Gill, Jagdeep [VCH] <Jagdeep.Gill@vch.ca>; Dawar, Meena [VCH] <Meena.Dawar@vch.ca>; Chou, Hang [VCH] <Hang.Chou@vch.ca>; Bhagat, Radhika [VCH] <radhika.bhagat@vch.ca>; Wilson, Bonnie [Director 520] [VCH] <Bonnie.Wilson@vch.ca>; Malnis, Emily [VCH] <Emily.Malnis@vch.ca>

Subject: FW: Heat wave and temperature control s.13(1), s.17(1)

s.13(1), s.17(1)

M.

From: Lavery, John [PHSA] <john.lavery@phsa.ca>
Sent: Friday, June 25, 2021 11:24 AM
To: Thumath, Meaghan <meaghan.thumath@vch.ca>
Subject: RE: Heat wave and temperature control §.13(1), §.17(1)

Hi again Meghan – here §.13(1), §.17(1)

§.13(1), §.17(1)



John Lavery
Executive Director
Health Emergency Management British Columbia (HEMBC)
Provincial Health Services Authority
Cell: §.15(1)(i)

From: [Thumath, Meaghan](#)
To: [Lavery, John \[PHSA\]](#)
Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**
Date: Friday, June 25, 2021 2:10:17 PM

Yes they are! Thanks again for the help ☺ **s.22(1)**

[REDACTED] so I'm a big fan of getting expert advice from HEM experts and logisticians... ;)

M.

From: Lavery, John [PHSA] <john.lavery@phsa.ca>
Sent: Friday, June 25, 2021 1:48 PM
To: Thumath, Meaghan <meaghan.thumath@vch.ca>
Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**

s.13(1), s.17(1)

John Lavery
Executive Director
Health Emergency Management BC
Mobile: **s.15(1)(l)**

On Jun. 25, 2021 1:13 p.m., "Thumath, Meaghan" <meaghan.thumath@vch.ca> wrote:
Ok thank you! Happy to share the review once Titus' team has had a chance to look at it.

M.

From: Lavery, John [PHSA] <john.lavery@phsa.ca>
Sent: Friday, June 25, 2021 1:12 PM
To: Thumath, Meaghan <meaghan.thumath@vch.ca>
Cc: Wong, Titus [VCH] <Titus.Wong@vch.ca>
Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**

Hi Meaghan –
s.13(1), s.17(1)

My best,

John

John Lavery
Executive Director
Health Emergency Management British Columbia (HEMBC)
Provincial Health Services Authority
Cell: **s.15(1)(l)**

From: Thumath, Meaghan <meaghan.thumath@vch.ca>
Sent: Friday, June 25, 2021 1:04 PM
To: Lavery, John [PHSA] <john.lavery@phsa.ca>
Cc: Wong, Titus [VCH] <Titus.Wong@vch.ca>
Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**

Hi John, looping in our Medical Director of IPAC Dr Titus Wong here.
s.13(1), s.17(1)

Many thanks,

M.

From: Lavery, John [PHSA] <john.lavery@phsa.ca>
Sent: Friday, June 25, 2021 11:24 AM
To: Thumath, Meaghan <meaghan.thumath@vch.ca>
Subject: RE: Heat wave and temperature control **s.13(1), s.17(1)**

Hi again Meghan – **s.13(1), s.17(1)**

s.13(1), s.17(1)

John Lavery
Executive Director
Health Emergency Management British Columbia (HEMBC)
Provincial Health Services Authority
Cell: **s.15(1)(i)**

From: Thumath, Meaghan <meaghan.thumath@vch.ca>
Sent: Thursday, June 24, 2021 7:06 PM
To: Lavery, John [PHSA] <john.lavery@phsa.ca>
Subject: Fwd: Heat wave and temperature control **s.13(1), s.17(1)**

Hi John, see below!

Begin forwarded message:

From: "Thumath, Meaghan" <meaghan.thumath@vch.ca>
Date: June 23, 2021 at 14:17:00 PDT
To: "Hennecke, Peter [PHSA]" <Peter.Hennecke@phsa.ca>, "Francescutti, Jay [PHSA]" <Jay.Francescutti@phsa.ca>
Cc: "Dawar, Meena [VCH]" <Meena.Dawar@vch.ca>, "Weatherill, Shelagh [VCH]" <shelagh.weatherill@vch.ca>, "Chou, Hang [VCH]" <Hang.Chou@vch.ca>, "Gill, Jagdeep [VCH]" <Jagdeep.Gill@vch.ca>
Subject: Heat wave and temperature control **s.13(1), s.17(1)**

Hi Peter and Jay, thanks again for your brilliant assistance with the COVID isolation sites last year! I'm hoping you might have some advice for our COVID-19 vaccine teams
[REDACTED]
[REDACTED]

Image of the sites:

<https://www.vcc.ca/about/college-information/news/article/vcc-partners-with-vch-to-support-access-to-covid-19-testing.html>

<https://commons.bcit.ca/news/2021/04/bcit-supports-vaccination-rollout/>

We can try to get you some better photos with more details or let me know if you might have a staff person that could stop by and provide some advice?

Many thanks,

M.

Meaghan Thumath, RN, MPH, D.LSHTM *she/her*

Regional Director Communicable Disease Control, Vancouver Coastal Health
Clinical Assistant Professor, School of Nursing, University of British Columbia
Clinician Scientist, Centre for Gender and Sexual Health Equity (CGSHE)

Email: Meaghan.thumath@vch.ca

Mobile: **s.15(1)(l)**