



COVID-19 SAFETY PLAN

MACKAY WHALE WATCHING LTD

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Health Hazards of COVID-19

COVID-19 has been declared a global pandemic and a public health emergency in British Columbia. It is a virus that can cause respiratory illness and can lead to hospitalization and death. The effects of COVID-19 are expected to be much more severe than for seasonal influenza because most people will not have any immunity to the virus. Seniors and people with underlying health issues (including heart disease, diabetes and lung disease) are at a higher risk of hospitalization and death, but young and healthy people are also at risk.

Symptoms

The symptoms of COVID-19 are similar to other respiratory illnesses including the flu and common cold. They include:

- Fever
- Chills
- Cough
- Shortness of breath
- Sore throat and painful swallowing
- Stuffy or runny nose
- Loss of sense of smell
- Headache
- Muscle aches
- Fatigue
- Loss of appetite

Transmission

Coronavirus is transmitted via liquid droplets when a person coughs or sneezes. The virus can enter through these droplets through the eyes, nose or throat if you are in close contact.

The virus is not known to be airborne (e.g. transmitted through the particles floating in the air) and it is not something that comes in through the skin.

It can be spread by touch if a person has used their hands to cover their mouth or nose when they cough. That's why we recommend you cough or sneeze into your arm and wash your hands regularly.



Exposure to COVID-19 can occur by:

- Breathing in droplets in the air that are generated when people cough or sneeze
- Close contact with other people (e.g. shaking hands or hugging)
- Touching contaminated surfaces and then touching the face, mouth, or food.

Statement of Purpose

Mackay Whale Watching Ltd is committed to providing a safe and healthy workplace for all staff and passengers. A combination of measures will be used to minimize workers and client exposure to COVID-19 based on available information and the most effective controls available. Mackay Whale Watching Ltd operates a large Vessel which is Transport Canada Certified and has elected to reduce the certified passenger capacity to ensure ample space for a safe viewing experience. Our procedures are designed to meet or exceed current standards and regulations.

Employer Responsibilities

- Monitor standards and regulations, ensure control measures are up to date
- Educate and train all staff to an acceptable level of competency
- Enforce and maintain physical distancing (2 meters apart) between staff and/or passengers
- Post and make available a copy of the Mackay Whale Watching COVID-19 Safety plan to all staff and passengers
- Post a copy of the Mackay Whale Watching COVID-19 Safety plan to the company owned website
- Ensure adequate signs are posted around the vessel and office (i.e. social distancing, hand washing, etc.)
- Ensure that staff and/or passengers use appropriate person protective equipment (PPE) when required (i.e. gloves, eye protection and masks)
- Conduct periodic reviews of the plan's effectiveness
- Maintain records of training and inspections

Worker Responsibilities

- Maintain physical distancing (2 meters)
- Follow established safe work procedures as directed by the employer
- Use any required PPE
- Report any unsafe conditions or acts to the employer
- Report any exposure incidents to the employer
- Participate in discussions, training and assessments of the workplace hazards

Risk Assessment

Risk Locations

Based on known transmission information, COVID-19 transmission person to person increases the closer you come to other people, the more time you spend near them and the more people you come near. The risk of surface transmission increases when many people contact the same surface and when those contacts happen over short periods of time. Identified areas of close physical proximity and contaminated surfaces include:

Office

- Main Foyer
- Kiosk
- Washroom Facility

Dock Facility

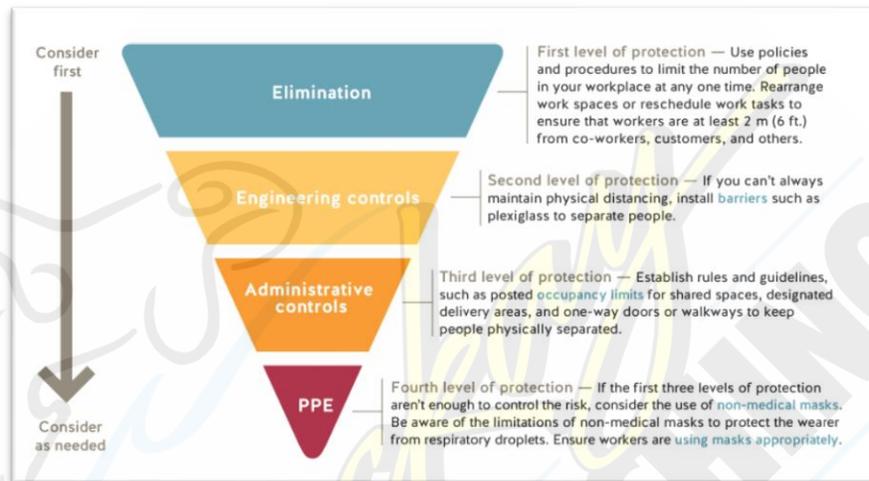
- Board walk
- Security gate
- Ramp
- Wooden float
- Concrete dock

Vessel (Naiad Explorer)

- Engine Room
- Back Deck
- Washroom Facility
- Galley
- Main Salon
- Forward salon
- Upper Deck
- Bridge
- Mid Ship Hull – Confined Space
- Forward Hull – Confined Space

Any of these locations are referred to as “work” and includes “services” as provided by Mackay Whale Watching.

Hierarchy of control – Reducing the risk of person to person transmission



Risk Control

1. Mackay Whale Watching employees who:
 - a. Exhibits any of the COVID-19 symptoms
 - b. Resides in a residence with a family member who exhibits any of the COVID-19 symptoms
 - c. Travelled to any countries outside Canada (including the United States) within the last 14 days
 - d. Have been in close contact with a person who travelled outside of Canada in the last 14 days who exhibits any of the COVID-19 symptoms
 - e. Have been in close contact with a person with a confirmed case of COVID-19
 - f. Have provided care or been in close contact with a person with a probable case of COVID-19
 - g. Have been deemed probable or confirmed COVID-19 by the Health Authority

Shall not come to work and remain at home and will not be permitted at work for a total of 14 days since the reported onset or for a period of time as required by the Health Authority. The employee(s) are encouraged to contact the Health Authority in the above sections a. through g. by accessing the Thrive BC self assessment tool online or calling the local Health Authority.

Workers (Crew) who exhibit any of the COVID-19 symptoms while on any voyage shall report to the captain immediately. The worker will be isolated from the other passengers and crew while the vessel returns to the dock.

2. Passengers will be prompted prior to their arrival that the company is operating under recommended practices to prevent the spread of COVID-19 (Appendix A).
3. Passengers will be provided with a questionnaire at the Office, prior to accessing the Vessel the questionnaire must be fully completed. The questionnaire (Appendix C) will be reviewed any client that answers "YES" to any question will be asked to leave the Office and denied boarding of the vessel Any surfaces the client was in contact with shall be cleaned immediately. Refusal to complete the form completely will result in denied boarding of the vessel.
4. Crew will add an additional safety briefing which will announced once the passengers are on board (Appendix B)
5. Requirement for passengers and crew to maintain social distancing of 2 meters apart.
 - a. Requirement for all passengers and crew to carry a personal face covering over the age of 2 (two) years old to cover their mouth/nose at time during the voyage when they cannot physically distance from one another (i.e. safety muster station, vessel evacuation etc.)
 - b. Safety and educational group gatherings completed over the PA system to avoid gathering in a group
 - c. Limiting passenger count to specific locations on the vessel. Crew will monitor to ensure that limits are not exceeded. Total passenger count on the vessel shall not exceed 18 people.
 - i. Engine Room – crew only access, 1 crew
 - ii. Back Deck - 5 passenger access
 - iii. Washroom Facility – 1 passenger/crew access
 - iv. Galley – crew only access, 1 crew
 - v. Main Salon – 9 passenger access
 - vi. Forward salon – 9 passenger access
 - vii. Upper Deck –2 passenger access
 - viii. Bridge – crew only access, 2 crew
 - ix. Mid Ship Hull – crew only access, 1 crew
 - x. Forward Hull – crew only access, 1 crew
 - d. For added protection, clear barricades will be installed in the following locations
 - i. Office – Kiosk
 - ii. Vessel – Main Salon, Forward Salon
6. Hand washing stations maintained with soap and water available to passengers and crew located in the following locations
 - a. Office – Washroom
 - b. Vessel – Washroom and Galley

7. Hand Sanitizer stations maintained with alcohol-based sanitizer available to passengers and crew located in the following locations
 - a. Office – Kiosk
 - b. Dock Facility – Concrete Dock
 - c. Vessel – 2 stations in various conspicuous locations
8. No meals will be provided on any voyages
9. Cleaning (Appendix D) conducted by staff prior to receiving passengers and once passengers have departed
 - a. Office – Kiosk surface, purchasing terminal, door handles, washroom, light switches
 - b. Dock – Ramp handrails
 - c. Vessel – all handrails, washroom surfaces, light switches, galley surfaces, all seat covers, bridge surfaces, door handles
10. Cleaning (appendix D) conducted by staff at minimum of hourly intervals in the following locations while operational
 - a. Office – Kiosk surfaces, washroom
 - b. Vessel – all handrails, washroom surfaces, light switches and door handles

References

Measures to Mitigate the Spread of COVID-19 on Passenger Vessels and Ferries, SSB No. 12/2020

Canada Shipping Act

British Columbia Public Health Act

ORDER OF THE PROVINCIAL HEALTH OFFICER - Workplace COVID-19 Safety Plans

British Columbia Workers Compensation Act

BCCDC - Interim Guidance: Public Health Management of cases and contacts associated with novel coronavirus (COVID-19)

Government of Canada - Interim national case definition: Coronavirus disease (COVID-19)

Government of Canada – Affected areas list

BC COVID-19 Symptom Self-Assessment Tool

Canadian Case Definition: Coronavirus Disease (COVID-19)

British Columbia – FOODSAFE Chlorine Dilution Calculator

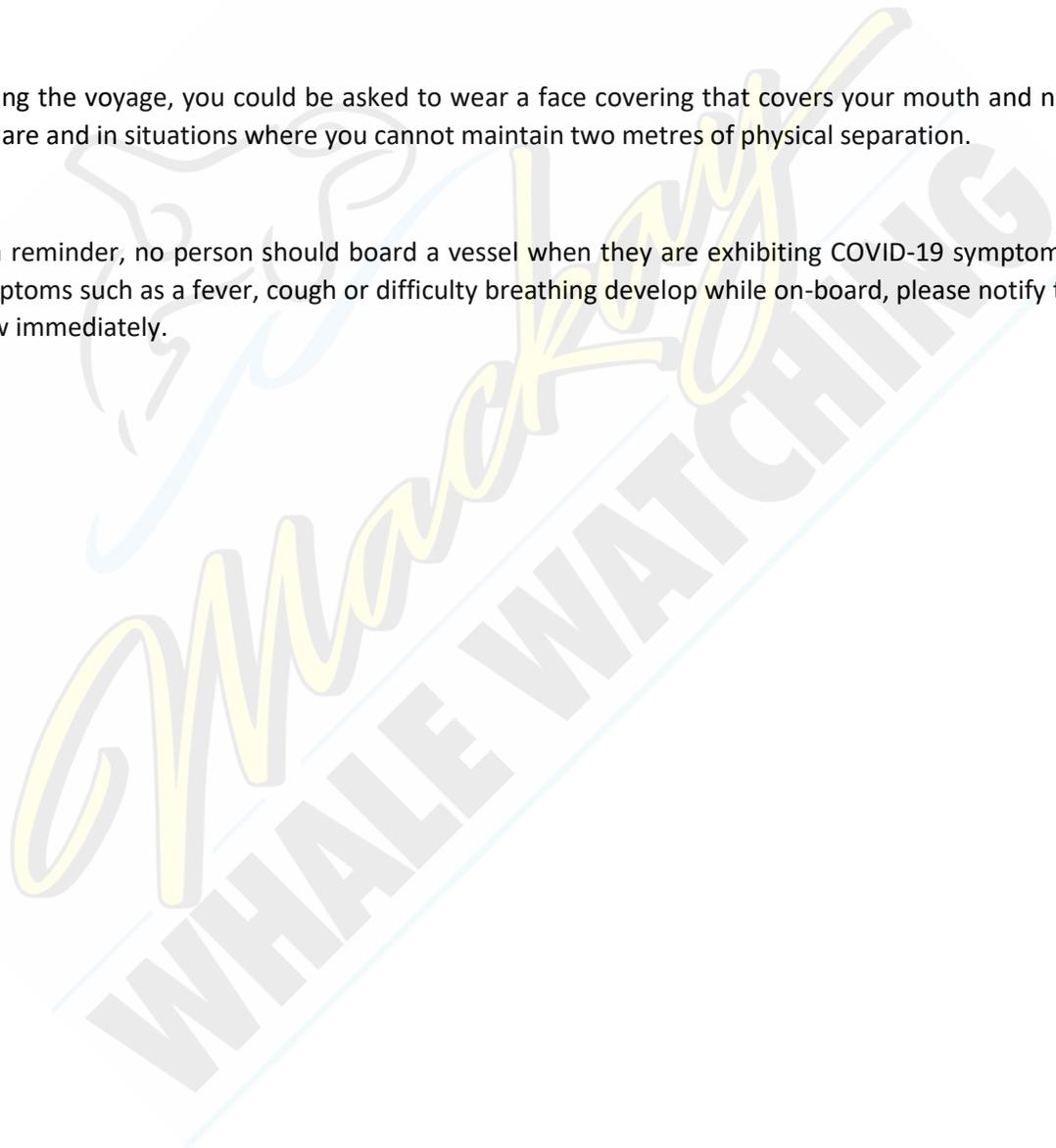
Appendix A

In order to manage the spread of COVID-19, the Government of Canada, along with the provinces and territories have put in place recommended practices.

Prior to boarding this vessel you may be requested to undergo a health check. This will involve answering a few simple questions to which you must answer truthfully.

During the voyage, you could be asked to wear a face covering that covers your mouth and nose when you are and in situations where you cannot maintain two metres of physical separation.

As a reminder, no person should board a vessel when they are exhibiting COVID-19 symptoms. Should symptoms such as a fever, cough or difficulty breathing develop while on-board, please notify the vessel crew immediately.



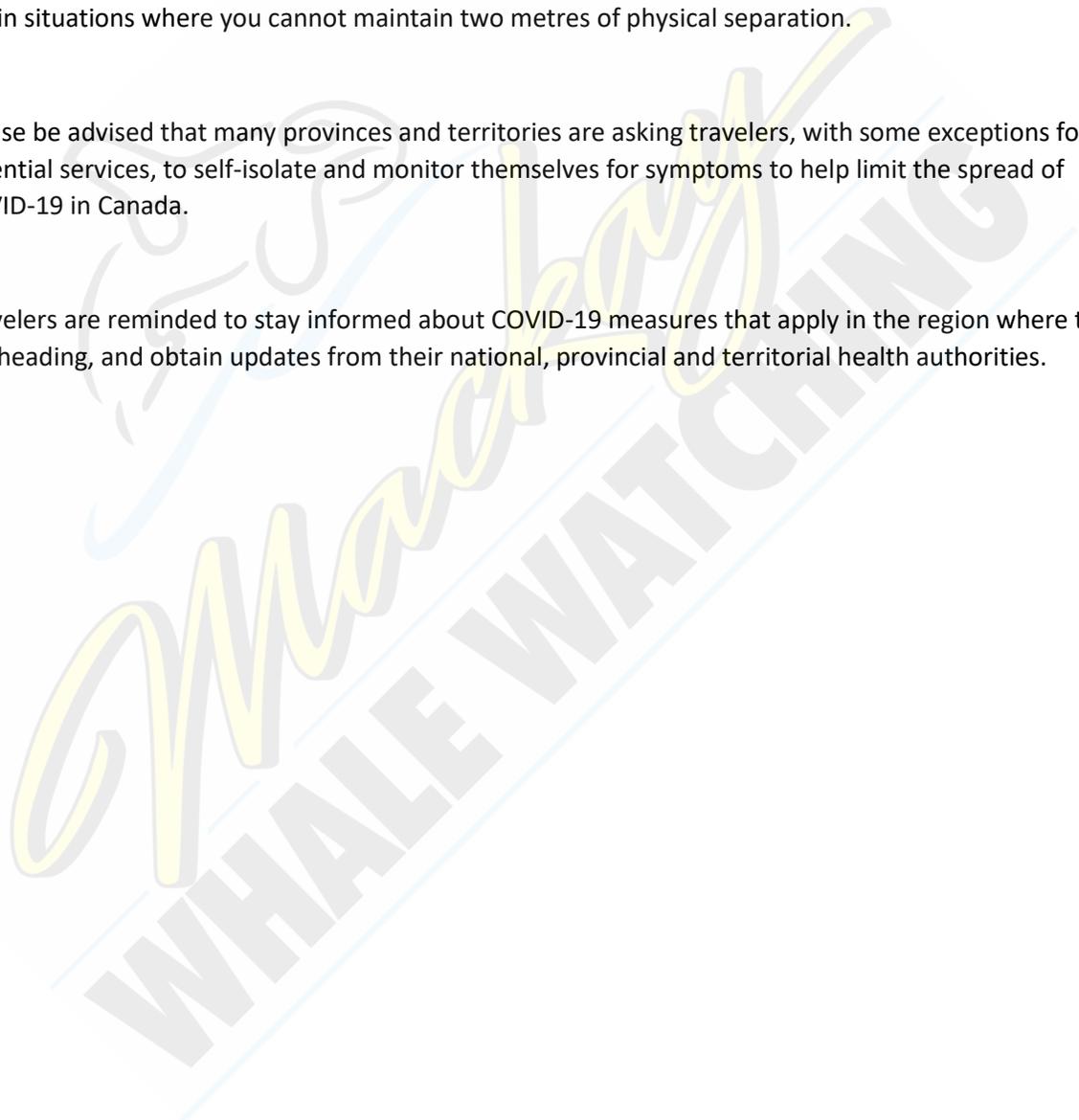
Appendix B

In light of the global pandemic related to COVID-19, the Government of Canada, in cooperation with provincial/territorial public health authorities, has put in place important measures to help limit the spread of COVID-19 in Canada.

During this voyage, you are advised to wear a face covering that covers your mouth and nose when you are in situations where you cannot maintain two metres of physical separation.

Please be advised that many provinces and territories are asking travelers, with some exceptions for essential services, to self-isolate and monitor themselves for symptoms to help limit the spread of COVID-19 in Canada.

Travelers are reminded to stay informed about COVID-19 measures that apply in the region where they are heading, and obtain updates from their national, provincial and territorial health authorities.



Appendix C

1. Do you reside with a family member who currently exhibits any of the COVID-19 symptoms? (Fever, Chills, Cough, Shortness of breath, Sore throat and painful swallowing, Stuffy or runny nose, Loss of sense of smell, Headache, Muscle aches, Fatigue, Loss of appetite)

YES or NO

2. Have you travelled to any countries outside Canada (including the United States) within the last 14 days?

YES or NO

3. Have you been in close contact with a person who travelled outside of Canada in the last 14 days who exhibits any of the COVID-19 symptoms (listed in 1)

YES or NO

4. Have you been in close contact with a person with a confirmed case of COVID-19?

YES or NO

if YES when _____ (DD/MM/YYYY)

5. Have you provided care or been in close contact with a person with a probable case of COVID-19

YES or NO

if YES when _____ (DD/MM/YYYY)

6. Have you been deemed a probable or confirmed COVID-19 positive by the Health Authority

YES or NO

if YES when _____ (DD/MM/YYYY)

Contact Information

Address:	
Contact Phone Number:	

<i>Printed Name</i>	<i>Signature</i>

Appendix D

Step 1: Clean away dirt, crumbs etc.

Use soapy water to wipe away dirt, soils and other debris. Plain dish soap or any kind of household cleaning product will remove dirt, oils and other debris from surfaces.

Step 2: Disinfect

If possible, use store-bought disinfectants. Familiar brands such as Clorox, Lysol, Fantastik, Microban and Zep have specific products that will work against the COVID-19 virus. Please check the Health Canada’s list of approved products. If your product is not on the list, it has not been approved for this use.

If store-bought disinfectants are not available, you can mix household bleach with room temperature water (do not use hot water) in specific ratios to disinfect areas in your home. Household bleach should be diluted. It comes in different concentrations so check your label first before you mix (see information in table below).

Rinsing and drying recommendations are important parts of the disinfection process. For high-touch or heavily soiled areas such as toilets and sinks, leave 1000 ppm bleach solutions wet for one minute before wiping down the surface with a cloth soaked in clean water. Other bleach solutions of 500 ppm should be left wet for five minutes then air drying is fine. The table below provides more details.

Diluting Bleach

The directions below use bleach that is 5.25%. For other concentrations please use the Foodsafe bleach calculator.

Bleach solutions may be used in spray bottles or wiped onto surfaces and other items. Bleach and water mixtures are effective for 24 hours so only make as much as you need daily.

Recommended bleach, water ratios, and cleaning times needed for COVID-19 disinfecting	High touch and heavily soiled areas (appropriate for households with illness)	All other surfaces	Food contact surfaces
Example areas and surfaces	Toilets, light switches, door knobs, cell phone, TV remotes, bathroom faucets	Tables, counters, floors, chairs, cribs	Any surface or equipment that contacts food
Bleach concentration in ppm (refers to the % ratio of bleach to water) OR 1 part bleach diluted in ## parts of water	1000ppm 0.1% (1:49)	500ppm 0.05% (1:99)	100ppm 0.01% (1:499)
Time to leave wet, rinsing and drying	Allow 1 minute then rinse with clean water	Allow 5 minutes, no rinse required, let air dry	Allow to air dry, no rinse required