

IN THE MATTER OF THE PUBLIC HEALTH ACT - ALBERTA
ORDER OF AN EXECUTIVE OFFICER

To: Whiskey Jack Springs Ltd.
201, 1550 8th Street SW
Calgary, Alberta T2R 1K1

Bellstar Hotels & Resorts- Head Office
Suite 401, 8989 McLeod Trail South
Calgary, Alberta T2H 0M2

Bellstar Hotels & Resorts-Canmore Office
Mohamed Elmaghraby
170 Kananaskis Way
Canmore, Alberta T1W 0A8

Re: The Swimming Pool located in Canmore, Alberta and municipally described as:

Mystic Springs Chalets Whirlpool
140 Kananaskis Way
Canmore, Alberta

WHEREAS I, an **Executive Officer** of **Alberta Health Services**, have inspected the above noted swimming pool pursuant to the provisions of the **Public Health Act**, RSA 2000, c. P-37, as amended;

AND WHEREAS such inspection disclosed that the following conditions exist in and about the above noted swimming pool which are or may become injurious or dangerous to the public health or which might hinder the prevention or suppression of disease, namely:

- a. Sodium hypochlorite was being manually fed into the whirlpool water.
- b. PH of the whirlpool water was 8.0.
- c. Combined chlorine levels in the whirlpool water were not being tested and recorded.
- d. Cyanuric acid levels in the whirlpool water were not being tested and recorded.
- e. No chemical reagent present on-site for testing cyanuric acid levels.
- f. Alkalinity of the whirlpool water was at 150ppm.
- g. No automated monitoring of the free available chlorine level (or ORP) in the whirlpool water.
- h. The turnover rate of the whirlpool water was 49 minutes.
- i. Sand filter size not sufficient to handle the required turnover rate of 20 minutes (required minimum flow rate of 655LPM).
- j. Main drain covers do not meet ANSI/ASME 112.19.8 (2007).
- k. No signage in pool area indicating: persons on medication for high blood pressure,

heart of other medical conditions must consult with a physician prior to use of the whirlpool, the temperature range of the whirlpool, no pets allowed (except for assistance animals, no street shoes in wet traffic areas, that person with diarrhea or a history of diarrhea over the last 2 weeks must not use the pool, children under 35 months or anyone who is incontinent must wear protective, water-resistant swimwear and children up to 14 years must be supervised.

- I. Lacking written policies regarding actions to be taken when standards for free chlorine, combined chlorine, and PH are not being met, as well as a general sanitation plan.

AND WHEREAS such inspection disclosed that the following breaches of the Public Health Act and the Swimming Pool, Wading Pool and Water Spray Park Regulation, Alberta Regulation 293/2006 and the Pool Standards (2006) for the Swimming Pool, Wading Pool and Water Spray Park Regulation (Alberta) exist in and about the above noted swimming pool, namely:

- a. Sodium hypochlorite was being manually fed into the pool water. This is in contravention of Section 10 (3) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- b. PH of the whirlpool water was 8.0. This is in contravention of Sec 11(3) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- c. Combined chlorine levels in the whirlpool water were not being tested and recorded. This is in contravention of Section 14(2) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- d. Cyanuric acid levels in the whirlpool water were not being tested and recorded. This is in contravention of Part 3, Section 3(2) of the Pool Standards.
- e. No chemical reagent present on-site for testing cyanuric acid levels. This is in contravention of Part 3, Section 3(2) of the Pool Standards.
- f. Alkalinity of the whirlpool water was at 150ppm. This is in contravention of Part 3, Section 3(3) of the Pool Standards, 2006.
- g. No automated monitoring of the free available chlorine level (or ORP) in the whirlpool. This is in contravention of Sec 12(3) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- h. The turnover rate of the whirlpool water was 49 minutes. This is in contravention of Section 9(3) of the Swimming Pool, Wading Pool and Water Spray Park Regulation and Part 3, Section 2(1)(e) of the Pool Standards.
- i. Sand filter size not sufficient to handle a required turnover rate of 20 minutes (required minimum flow rate of 655LPM). This is in contravention of Part 3, Section 2(5) of the Pool Standards.
- j. Main drain covers do not meet ANSI/ASME 112.19.8 (2007). This is in contravention of Section 19(1) of the Swimming Pool, Wading Pool and Water Spray Park Regulation and Part 3, Section 7 (1) of the Pool Standards.
- k. No signage in pool area indicating persons on medication for high blood pressure, heart of other medical conditions must consult with a physician prior to use of the whirlpool, the temperature range of the whirlpool, no pets allowed (except for assistance animals, no street shoes in wet traffic areas, that person with diarrhea or a history of diarrhea over the last 2 weeks must not use the pool, and that children under 35 months or anyone who is incontinent must wear protective, water-resistant swimwear. This is in contravention of Part 4, Section 2(1) of the Pool Standards.

- I. Lacking written policies regarding actions to be taken when standards for free chlorine, combined chlorine, and PH are not being met, as well as a general sanitation plan. This is in contravention of Part 4, Sections 4 and 5 of the Pool Standards.

AND WHEREAS by virtue of the foregoing, the above noted premises are hereby declared to be **closed**;

NOW THEREFORE, I hereby **ORDER** and **DIRECT**:

1. That the Owner **immediately close** the above noted swimming pool and secure it from unauthorized entry.
2. That the Owner undertake and diligently pursue the completion of the following work in and about the above noted swimming pool, namely:
 - a. Install a mechanical feeder for the sodium hypochlorite solution.
 - b. Maintain the PH of the whirlpool water between 6.8 and 7.6.
 - c. Test and record the combined chlorine level in the whirlpool at least once per week.
 - d. Test and record the cyanuric acid level in the whirlpool at least once per week.
 - e. Obtain chemical reagent for testing cyanuric acid levels in the whirlpool water.
 - f. Maintain the alkalinity of the whirlpool water between 80 and 120 ppm.
 - g. Install automated equipment capable of monitoring the free chlorine level in the whirlpool water.
 - h. Upgrade the whirlpool pump so that it is capable of maintaining a flow rate of at least 655 LPM through the recirculation system.
 - i. Install an acceptable filter that is of sufficient size (i.e. flow through the filter does not exceed 12.5 gpm/sqft) to handle a flow rate of at least 655 LPM.
 - j. Install main drain covers which meet ANSI/ASME 112.19.8 (2007).
 - k. Place signage in the pool area which meets all the requirements of the Pool Standards, 2006 (Alberta).
 - l. Develop a written response plan for water quality issues and a general sanitation plan which meets the requirements of the Pool Standards, 2006 (Alberta).
3. That until such time as the work referred to in paragraph 2, items a through g, is completed to the satisfaction of the undersigned, or an executive officer of Alberta Health Services, the above noted swimming pool shall remain closed and secured from unauthorized entry.
4. The work referred to in paragraph 2, items h through l, is to be completed by November 1, 2009.

Dated at Canmore, Alberta, this 23rd day of September, 2009 confirming verbal order given on the 22nd day of September, 2009.

Diane Luka
Executive Officer
Alberta Health Services

Section 5(2) of the Public Health Act provides that a person who is directly affected by this Order and considers himself or herself aggrieved hereby may appeal the same to the Public Health Appeal Board, 24th Floor, Telus Plaza North Tower, 10025 Jasper Avenue, Edmonton AB T5J 2N3, within ten (10) days. The terms of this Order remain in effect notwithstanding the filing or proposed filing of any such appeal.

The Owner is advised that the Public Health Act empowers Alberta Health Services to carry out the terms of this Order on the Owner's behalf and at the Owner's expense should the Owner fail to comply with the terms hereof.

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www.calgaryhealthregion.ca/envhealth