

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

**To: Condominium Plan #9512784
1206 Bow Valley Trail
Canmore, Alberta T1W 1N6**

Tri Link Management Corporation
**1206 Bow Valley Trail
Canmore, Alberta T1W 1N6**

Shelley Hubert-General Manager
**1206 Bow Valley Trail
Canmore, Alberta T1W 1N6**

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

Canadian Rockies Chalets Whirlpool
1206 Bow Valley Trail
Canmore, Alberta

WHEREAS I, an **Executive Officer** of **Alberta Health Services**, have inspected the above noted whirlpool 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 whirlpool which are or may become injurious or dangerous to the public health or which might hinder the prevention or suppression of disease, namely:

- a. Whirlpool water sample collected on October 19, 2009 was positive for *Pseudomonas aeruginosa* and had a heterotrophic plate count of 360 cfu per mL.
- b. Whirlpool water sample collected on October 26, 2009 was positive for *Pseudomonas aeruginosa* and had a heterotrophic plate count of more than 57,000 cfu per mL.
- c. There was no flow meter installed for determining the flow rate of the whirlpool recirculation system.
- d. There was no soap in the men's change room shower.
- e. There was no paper towel in the men's or women's change room bathrooms.
- f. Posted bather load was 8; maximum bather load for the whirlpool is 6.
- g. The containers of open hydrochloric (muriatic) acid and sodium hypochlorite were stored beside each other.
- h. Main drains are less than 3 feet apart.
- i. Not all information required to be posted is located on the signage present in the whirlpool area.
- j. No one in care and control of the whirlpool has taken a course in pool operation,

- water chemistry, pool filtration and maintenance.
- k. Lacking written policies regarding actions to be taken for water quality issues as well as a general sanitation plan.
- l. Main drain covers do not meet ANSI/ASME 112.19.8 (2007).
- m. No temperature regulator on the whirlpool recirculation system.
- n. Sand filter size not sufficient to handle the required turnover rate of 20 minutes without exceeding a flow rate of 12.5 gpm per sq ft through the filter.

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 whirlpool, namely:

- a. Whirlpool water sample collected on October 19, 2009 was positive for *Pseudomonas aeruginosa* and had a heterotrophic plate count of 360 cfu per mL. This is in contravention of Section 16 (a) & (b) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- b. Whirlpool water sample collected on October 26, 2009 was positive for *Pseudomonas aeruginosa* and had a heterotrophic plate count of more than 57,000 cfu per mL. This is in contravention of Section 16 (a) & (b) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- c. There was no flow meter installed for determining the flow rate of the whirlpool recirculation system. This is in contravention of Section 22(b) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- d. There was no soap in the men's change room shower. This is in contravention of Part 4, Section 5(2) of the Pool Standards.
- e. There was no paper towel in the men's or women's change room bathrooms. This is in contravention of Section 22(b) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- f. Posted bather load was 8; maximum bather load for the whirlpool is 6. This is in contravention of Part 3, Section 6(1)(a) of the Pool Standards.
- g. The containers of open hydrochloric (muriatic) acid and sodium hypochlorite were stored beside each other. This is in contravention of Section 22(c) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- h. Main drains are less than 3 feet apart and no anti-entrapment device is present on the whirlpool recirculation system. This is in contravention of Part 3, Section (7)(1) of the Pool Standards.
- i. Not all information required to be posted is located on the signage present in the whirlpool area. This is in contravention of Part 4, Sections 2 and 3 of the Pool Standards.
- j. No one in care and control of the whirlpool has taken a course in pool operation, water chemistry, pool filtration and maintenance. This is in contravention of Section 7(2)(b) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- k. Lacking written policies regarding actions to be taken for water quality issues as well as a general sanitation plan. This is in contravention of part 4, Sections 4 and 5 of the Pool Standards.
- l. Main drain covers do not meet ANSI/ASME 112.19.8 (2007). This is in contravention of Part 3, Section 7(1)(b) of the Pool Standards.

- m. No temperature regulator on the whirlpool recirculation system. This is in contravention of Part 5, Section 2 of the Pool Standards.
- n. Sand filter size not sufficient to handle the required turnover rate of 20 minutes without exceeding a flow rate of 12.5 gpm per sq ft through the filter. This is in contravention of Part 3, Section 2(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 whirlpool 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 whirlpool, namely:

Treat the whirlpool water to eliminate any possible source of contamination and then chemically balance the whirlpool.

- a. Treat the whirlpool water to eliminate any possible source of contamination and then chemically balance the whirlpool.
 - b. Submit a water sample from the whirlpool following treatment to the Provincial Laboratory of Public Health (Microbiology) for microbiological testing.
 - c. Install a flow meter for the whirlpool recirculation system. Minimum flow rate must be 169 LPM.
 - d. Provide liquid soap in a dispenser in the men's change room shower.
 - e. Provide paper towel in the men's and women's change room bathrooms.
 - f. Change the posted bather load from 8 to 6 people.
 - g. Store the hydrochloric (muriatic) acid and sodium hypochlorite such that they do not pose a safety hazard.
 - h. Shut off the flow from the main drain until such time as an approved safety vacuum release system or other approved anti-entrapment device is installed on the whirlpool recirculation system.
 - i. Place signage in the whirlpool area which meets all the requirements of the Pool Standards, 2006 (Alberta).
 - j. Person in control and care of the whirlpool must receive training in pool operation, water chemistry, pool filtration and maintenance that is acceptable to Alberta Health Services.
 - k. Develop a written response plan for water quality issues and a general sanitation plan which meets the requirements of the Pool Standards, 2006 (Alberta).
 - l. Install main drain covers that meet ANSI/ASME 112.19.8 (2007).
 - m. Install a temperature regulator on the whirlpool recirculation system.
 - n. Install a filter of sufficient size such that the flow rate through the filter does not exceed 12.5 gpm per sq ft, while maintaining a minimum flow rate of 169 LPM.
- 3. That until such time as the work referred to in paragraph 2, items a through h, is completed to the satisfaction of the undersigned, or an executive officer of Alberta Health Services,

and until such time as a whirlpool water sample from paragraph 2(b) is confirmed to be satisfactory, the above noted swimming whirlpool shall remain closed and secured from unauthorized entry.

4. The work referred to in paragraph 2, items i through m, is to be completed by November 20, 2009.
5. The work referred to in paragraph 2, item n, is to be completed by April 30, 2010.

Dated at Canmore, Alberta, this 30th day of October, 2009 confirming verbal order given on the 29th day of October, 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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