

ORDER OF AN EXECUTIVE OFFICER NOTICE OF CLOSURE

To: **Rundle Mountain Lodge
Rundle Investments & Developments Ltd
Joseph Chi Ming Lau
Dave Venne**

RE: The whirlpool located in Canmore, Alberta and municipally described as:

Rundle Mountain Lodge Whirlpool
1723 Bow Valley Trail
Canmore, Alberta
T1W 1L7

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

- a. The microbiological water sample submitted on June 20, 2011 showed the presence of *Pseudomonas aeruginosa* and had an HPC count of 580 CFU/ml.
- b. The microbiological water sample submitted on July 11, 2011 showed the presence of *Pseudomonas aeruginosa* and had an HPC count of 360 CFU/ml.
- c. The microbiological water sample submitted on August 2, 2011 showed the presence of *Pseudomonas aeruginosa* and had an HPC count of 130 CFU/ml.
- d. The microbiological water sample submitted on August 29, 2011 showed the presence of *Pseudomonas aeruginosa* and had an HPC count of >57000 CFU/ml.
- e. The microbiological water sample submitted on September 6, 2011 had an HPC count of 270 CFU/ml.
- f. The two submerged suction outlet covers are not ASME/ANSI A112.19.8 (2007) compliant.
- g. The two submerged suction outlets are located less than 3 feet apart.
- h. The re-circulation flow rate drops so low as to be unreadable on the flow meter (below 20 gallons per minute) when the jets are running.
- i. The filtration rate through the sand filter is exceeding 12.5 gallons per minute per square foot (measured 18 gallons per minute per square foot during inspection).

- j. Total alkalinity measured 30 ppm.

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 exist in and about the above noted whirl pool, namely:

- a. The microbiological water sample submitted on June 20, 2011 showed the presence of *Pseudomonas aeruginosa* and had an HPC count of 580 CFU/ml. This is in contravention of Section 16 (a) and (b) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- b. The microbiological water sample submitted on July 11, 2011 showed the presence of *Pseudomonas aeruginosa* and had an HPC count of 360 CFU/ml. This is in contravention of Section 16 (a) and (b) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- c. The microbiological water sample submitted on August 2, 2011 showed the presence of *Pseudomonas aeruginosa* and had an HPC count of 130 CFU/ml. This is in contravention of Section 16 (a) and (b) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- d. The microbiological water sample submitted on August 29, 2011 showed the presence of *Pseudomonas aeruginosa* and had an HPC count of >57000 CFU/ml. This is in contravention of Section 16 (a) and (b) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- e. The microbiological water sample submitted on September 6, 2011 had an HPC count of 270 CFU/ml. This is in contravention of Section 16 (a) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- f. The two submerged suction outlet covers are not ASME/ANSI A112.19.8 (2007) compliant. This is in contravention of Section 19 (1) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- g. The two submerged suction outlet covers are located less than 3 feet apart. This is in contravention of Section 19 (1) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- h. The re-circulation flow rate drops so low as to be unreadable on the flow meter (below 20 gallons per minute) when the jets are running. This is in contravention of Section 9 (3) of the Swimming Pool, Wading Pool and Water Spray Park Regulation.
- i. The filtration rate through the sand filter is exceeding 12.5 gallons per minute per square foot (measured 18 gallons per minute per square foot during inspection). This is in contravention of Section III (5) of the Pool Standards.
- j. Total alkalinity measured 30 ppm. This is in contravention of Section III (3)(3) to 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.
2. That the owner immediately undertake and diligently pursue the completion of the following work in and about the above noted premises, namely:
 - a. Treat the whirlpool water to eliminate any possible source of contamination and then chemically balance the whirlpool.
 - b. Submit a whirlpool water sample for microbial analysis to the Provincial Laboratory of Public Health (Microbiology) for testing.
 - c. Ensure the whirlpool complies with the anti-entrapment requirements in Section 19 of the Swimming Pool, Wading Pool and Water Spray Park Regulation and Section III(7) of the Pool Standards.
 - d. Renovate the whirlpool to ensure the flow rate is maintained at a minimum flow rate of 106 gallons per minute at all times, including when the jets are running.
 - e. Increase filter surface area so that the filtration rate is not exceeding 12.5 gallons per minute per square foot.
 - f. If an additional filter is installed then install a flow meter after each filter so the filtration rate through each filter may be verified.
 - g. Ensure the alkalinity is maintained between 80 – 120 ppm.
3. That until such time as the work referred to above is completed to the satisfaction of an Executive Officer of Alberta Health Services, and until such time as a water sample from paragraph 2b is confirmed to be satisfactory, the above noted whirlpool shall remain closed.

The above conditions were noted at the time of inspection and may not necessarily reflect all deficiencies. You are advised that further work may be required to ensure full compliance with the Public Health Act and regulations, or to prevent a public health nuisance.

DATED at Canmore, Alberta, this 12th day of September 2011.

Lindsay Sullivan, CPHI(C)
Executive Officer
Environmental Health Officer

YOU HAVE THE RIGHT TO APPEAL

A person who **a) is directly affected by a decision of a Regional Health Authority, and**
 b) feels himself aggrieved by the decision

may appeal the decision within ten (10) days after receiving the order to the Public Health Appeal Board located at 24th Floor, Telus Plaza, 10025 - Jasper Avenue, Edmonton, Alberta, T5J 1S6 Telephone (780) 427-2813.

The terms of this Order remain in effect notwithstanding the filing or proposed filing of any such appeal. If you appeal, you may also make an application to the Board for a stay of this Order pending the appeal.

A copy of the Public Health Appeal form may be obtained by contacting Alberta Health Services at (780) 342-0122 or the Public Health Appeal Board (780) 427-2813.

You are advised that all orders remain in effect pending such an appeal

HEALTH LEGISLATION, REGULATIONS AND STANDARDS

Electronic versions of the Public Health Act and Regulations are available at the Alberta Queen's Printer Bookstore 10611 - 98 Avenue, Main Floor, Park Plaza, Edmonton, Alberta, T5K 2P7 or www.qp.gov.ab.ca.

Health Legislation and regulations are available for purchase. Please contact Alberta Queen's Printer Bookstore 10611 - 98 Avenue, Main Floor, Park Plaza, Edmonton, Alberta, T5K 2P7) or www.qp.gov.ab.ca.

Copies of standards are available by contacting the Health Protection Branch of Alberta Health & Wellness at (780) 427-4518, or by visiting: www.health.alberta.ca/about/health-legislation.html

Confirmation of an verbal order issued to Dave Venne on the 9th day of September, 2011.

Copy Dave Venne

AIRDRIE Regional Health Centre

604 Main Street South
Airdrie, AB T4B 3K7
Phone: 403-912-8400
Fax: 403-912-8410

BANFF Health Unit

303 Lynx Street
PO Box 1266
Banff, AB T1L 1B3
Phone: 403-762-2990
Fax: 403-762-5570

CALGARY - Southport Atrium

10101 Southport Road SW
Calgary, AB T2W 3N2
Phone: 403-943-2288
Fax: 403-943-8056

CANMORE Public Health

#104, 800 Railway Avenue
Canmore, AB T1W 1P1
Phone: 403-678-5656
Fax: 403-678-5068

CLARESHOLM Public Health

5221 2nd Street W
PO Box 1391
Claresholm, AB T0L 0T0
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Fax: 403-625-4062

COCHRANE Community Health Centre

60 Grande Boulevard
Cochrane, AB T4C 0S4
Phone: 403-851-6000
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OKOTOKS Health and Wellness Centre

11 Cimarron Common
Okotoks, AB T1S 2E9
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Fax: 403-995-2639

STRATHMORE Public Health Office

650 Westchester Road
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www.albertahealthservices.ca/eph.asp