

# Region of Waterloo Public Health

99 Regina Street S, 3rd Floor, Waterloo ON N2J 4V3

Phone Number: (519) 575-4400

Fax Number: (519) 883-2226

## WHIRLPOOL / SPA INSPECTION REPORT

<b>Facility Inspected:</b> TEST Spa	<b>Facility #:</b> FAC-007-99760
<b>Primary Owner:</b>	<b>Inspection #:</b> INS-007-16948
	<b>Inspection Date:</b> 04-Jul-2018
	<b>Inspected By:</b>
<b>Site Address:</b> 99 Regina St S Waterloo ON N2J	<b>Facility Type:</b> Indoor - Whirlpool/Spa (<=3M)
	<b>Inspection Type:</b> Required
	<b>Inspection Reasons:</b> Compliance Inspection
	<b>Risk Rating:</b> High
	<b>Violations:</b> 33

YES = In Compliance N/A = Not Applicable NO = Not in Compliance N/O = Not Observed at Time of Inspection

### Indoor - Whirlpool/Spa (<=3M)

#### Operation

- Results of any inspection conducted by a public health inspector are posted in accordance with the inspector's request **NO**
  - Post Check It! We Inspect it. disclosure sign in a location visible by patrons.
- Water facility inaccessible when closed **NO**
  - Ensure there is no access to water facility when closed
- Pool operator designated and trained in public pool operation, maintenance, filtration systems, water chemistry and all relevant safety and emergency procedures **NO**
  - Ensure an operator is designated and trained
- Pool, deck, equipment, sanitary facility and adjoining areas kept in a safe and sanitary manner and free from hazards **NO**
  - Maintain deck and deck surfaces free from hazards or hazardous obstructions
  - Maintain deck and deck surfaces in a sanitary condition and free from slipperiness
  - Maintain wall surfaces free from hazards or hazardous obstructions
  - Maintain wall surfaces in a sanitary condition - clean and sanitize wall surfaces
  - Ensure glass containers are not brought onto the deck or in to the water facility
  - Ensure no food or beverage is supplied/consumed in the water facility
  - Maintain ventilation in pool and deck area so as to remove odours
  - Clean and disinfect the change rooms, toilets, showers, and connecting corridor and ensure they are free from slipperiness
  - Maintain the change rooms, toilets, showers and connecting corridor free from hazardous obstructions
  - Maintain the change rooms, toilets, showers and connecting corridor ventilated so as to remove odours
  - Supply toilet paper
  - Maintain pool water free from visible matter
  - Ensure pool water and its circulation system is separate from the potable water supply and from the sewer or drainage system into which it drains by air gaps or other devices that prevent the water in the pool or its circulation system from flowing back into the potable water supply, and the water in the sewer or drainage system from flowing back in to the pool or circulation system
- Water clarity satisfactory/lowest water outlet drain clearly visible in non-turbulent state **NO**
  - This condition is a health hazard because a bather in difficulty under the water surface cannot be readily seen
  - Ensure that the water clarity is such that the lowest water outlet drain can be clearly seen when the water is a non-turbulent state
  - Close spa until the water is clear enough that the lowest water outlet drain can be clearly seen when water is in a non-turbulent state

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| 6.  | All components of the filtration, recirculation, and chemical feed systems are in continuous operation and maintained in proper working order  | <b>NO</b> |
|     | <ul style="list-style-type: none"> <li>- Ensure there is continuous operation of all equipment and chemical feeders necessary for the recirculation and treatment of the pool water</li> <li>- Ensure all components of the filtration, recirculation system and chemical feeders are maintained in good working condition</li> <li>- Ensure clean water and make-up water are free from contamination</li> <li>- Ensure automatic sensing device displays sanitizer levels and pH</li> <li>- Ensure automatic sensing device Oxidation Reduction Potential value is not less than 600mV and not greater than 900mV</li> <li>- Provide a chemical feeder to ensure every part of the pool is treated with sanitizer</li> </ul> |           |
| 7.  | Accurate and functioning make-up water meter present (spa >4000L)  | <b>NO</b> |
|     | <ul style="list-style-type: none"> <li>- Ensure make-up water is added (minimum 15L/bather/day to a maximum of 20% of total spa volume)</li> <li>- Provide an accurate and functioning water meter to register the volume of make-up water</li> <li>- Ensure water meter is repaired or replaced</li> </ul>  |           |
| 8.  | Spa drained and refilled in accordance with prescribed formula in Regulation (spa <4000L)  | <b>NO</b> |
|     | <ul style="list-style-type: none"> <li>- Ensure spa is drained and refilled in accordance with prescribed formula in Regulation</li> </ul>   |           |
| 9.  | Spa water heater equipped with an operational tamper-proof upper limit cut-off switch  | <b>NO</b> |
|     | <ul style="list-style-type: none"> <li>- Ensure an operational tamper-proof upper limit cut-off switch is provided</li> <li>- Ensure cut-off switch is independent of water temperature thermostat</li> <li>- Ensure cut-off switch prevents water temperature from exceeding 40°C</li> </ul>  |           |
| 10. | Hydro-massage jet fittings equipped with timing device   | <b>NO</b> |
|     | <ul style="list-style-type: none"> <li>- Ensure timing device is provided</li> <li>- Ensure timing device can be set for a maximum of 15 min</li> <li>- Ensure timing device is placed in a location that requires bather to exit spa to reset</li> </ul>  |           |
| 11. | Suction system equipped with a vacuum relief mechanism   | <b>NO</b> |
|     | <ul style="list-style-type: none"> <li>- Ensure suction system is equipped with vacuum relief mechanism that includes a vacuum release system, a vacuum limit system or an approved equivalent</li> </ul>  |           |
| 12. | Clock installed in conspicuous location  | <b>NO</b> |
|     | <ul style="list-style-type: none"> <li>- Ensure a clock is installed in a conspicuous location that can be viewed from anywhere in the spa</li> </ul>  |           |
| 13. | Requirements for steps used for entering and exiting spa are met (if provided)   | <b>NO</b> |
|     | <ul style="list-style-type: none"> <li>- Ensure bands of contrasting colour are applied along edges of each step</li> <li>- Ensure steps are equipped with a handrail</li> <li>- Ensure steps have a non-slip surface or treads</li> </ul>   |           |
| 14. | Spa area free from carpeting or other water-retentive materials  | <b>NO</b> |
|     | <ul style="list-style-type: none"> <li>- Ensure spa area is free from carpeting or other water-retentive materials</li> </ul>  |           |

### Water Chemistry and Testing

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|-----|---|-----------|
| 15. | Sufficient supply and storage of chemicals and testing devices  | <b>NO</b> |
|     | <ul style="list-style-type: none"> <li>- Ensure supply of chemicals are sufficient to operate the pool</li> <li>- Ensure testing devices are adequate and sufficient to operate the pool</li> <li>- Provide test kit that is able to test Free Available Chlorine</li> <li>- Ensure safe storage and handling of all chemicals with operator access only</li> </ul> |           |
| 16. | Sanitizer levels in compliance  | <b>NO</b> |
|     | <ul style="list-style-type: none"> <li>- Maintain Free Available Chlorine between 5mg/L (5ppm) - 10mg/L (10ppm)</li> </ul>  |           |
| 17. | pH is within range of 7.2 to 7.8  | <b>NO</b> |
|     | <ul style="list-style-type: none"> <li>- Maintain pH between 7.2 to 7.8</li> </ul>  |           |
| 18. | Total alkalinity is between 80 mg/L (80 ppm) and 120 mg/L (120 ppm)   | <b>NO</b> |
|     | <ul style="list-style-type: none"> <li>- Maintain total alkalinity between 80mg/L (80ppm) and 120 mg/L (120 ppm)</li> </ul>   |           |
| 19. | Cyanuric acid is used for spas  | <b>NO</b> |

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- Ensure cyanurate stabilization is not used for spa

20. Make-up water requirements are met (for spas >4000L) NO  
 - Ensure make-up water meter is read at the end of each operating day

### Record Keeping

21. Manual chemical testing in compliance NO  
 - Ensure that the chlorine or bromine residual, total chlorine, alkalinity, pH and water clarity are manually tested one half hour before bathers are admitted and at intervals not greater than 2 hours while the pool is in use  
 - Automatic Sensing Device - Ensure pH, alkalinity, Free Available Chlorine, total chlorine or bromine residuals and water clarity are tested manually one half hour before bathers are admitted, and checked at least every 4 hours during the operating day

22. Daily records completed, signed and maintained NO  
 - Complete and sign records daily  
 - Record any emergencies, rescues, or breakdown of equipment that have occurred  
 - Record Bromine residual 1/2 hour before opening & every 2 hours while spa is open  
 - Automatic sensing device-record Bromine residual ½ hour before opening & every 4 hours while spa is open  
 - Record Chlorine (free and total) residual 1/2 hour before opening & every 2 hours while spa is open  
 - Automatic sensing device- record Chlorine (free and total) ½ hour before opening & every 4 hours while spa is open  
 - Record pH 1/2 hour before opening & every 2 hours while open  
 - Record alkalinity ½ hour before opening & every 2 hours while open  
 - Automatic sensing device- record alkalinity ½ hour before opening & every 4 hours while open  
 - Record clarity of pool ½ hour before opening & every 2 hours while open  
 - Automatic sensing device- record clarity of pool ½ hour before opening & every 4 hours while open  
 - Record water temperature  
 - Record time of day for testing of emergency telephone  
 - Ensure ground fault detector is activated during the daily use period  
 - Record total number of bathers admitted to facility each day  
 - Record type and amount of chemicals added manually  
 - Ensure all records are available for viewing and are kept for a period of one year  
 - Record reading of the make-up water meter - spa > 4000L  
 - Record when spa was drained, inspected and refilled - spa <4000L

23. Other records signed and completed NO  
 - Ensure emergency stop button is tested and recorded at least once every 30 operating days  
 - Ensure water outlet cover inspections are recorded at least once every 30 operating days along with time of day the test was completed and by whom  
 - Ensure vacuum release mechanism is tested and recorded at least once every 30 days  
 - Ensure ground fault circuit interrupter (GFCI) is tested monthly or according to manufacturer instructions, whichever is more frequent

### Safety

24. Emergency telephone is present and operational NO  
 - Ensure emergency telephone is directly connected to telephone utility  
 - Ensure there is a land line emergency telephone located within 30m of the spa
25. Emergency stop button requirements met NO  
 - Ensure emergency stop button activates an audible and visual alarm  
 - Ensure emergency stop button deactivates pumps  
 - Ensure emergency stop button is located within immediate vicinity of the spa  
 - Ensure emergency stop button is separate from the spa's timing device
26. Outlet covers are secure and inspected at least once every 30 operating days NO  
 - Ensure water outlet covers are inspected and secure at least once every 30 operating days
27. Safety equipment available and in good repair (spas with inner horizontal dimension >3m) NO  
 - Ensure all safety equipment is in good repair

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- Provide a buoyant throwing aid with rope (6mm in diameter, 1/2 width of pool plus 3m)
- Provide a spine board
- Provide all safety equipment in places conveniently located for emergency use
- Provide an electrically insulated non-conducting reaching pole at least 3.65m long

28. Provide fully supplied first aid kit

**NO**

- Provide a first-aid box with a current copy of a standard first aid manual
- Provide a first-aid box with safety pins
- Provide a first-aid box with adhesive dressings individually wrapped
- Provide a first-aid box with sterile gauze pads, each seventy-five millimetres square
- Provide a first-aid box with rolls of fifty millimetre gauze bandage
- Provide a first-aid box with rolls of 100 millimetre gauze bandage
- Provide a first-aid box with sterile surgical pads suitable for pressure dressings individually wrapped
- Provide a first-aid box with triangular bandages
- Provide a first-aid box with rolls of splint padding
- Provide a first-aid box with at least one roll-up splint
- Provide a first-aid box with at least one pair of scissors
- Provide a first-aid box with non-permeable gloves
- Provide a first-aid box with resuscitation pocket masks

### Signs and Deck Markings

29. Emergency telephone signs posted

**NO**

- Ensure a list of emergency contacts with the full name, address, and emergency telephone numbers is provided
- Ensure sign identifying emergency phone, with letters not less than 25 mm high and a 5 mm stroke, is posted
- Ensure sign indicating location of emergency phone is posted in a conspicuous location near entrance of spa

30. Caution notice(s) requirements met

**NO**

- Ensure a caution notice is posted in a conspicuous location at each entrance to the spa
- Ensure the word "CAUTION" is written in letters not less than 50 mm high with a stroke not less than 10 mm
- Provide the correct wording not less than 10 mm high with a 5mm stroke: "Children under 12 are not allowed in the spa unless supervised by a person who is 16 years of age or older"
- Provide the correct wording not less than 10 mm high with a 5mm stroke: "Pregnant women and persons with known health or medical conditions should consult with a physician before using a spa"
- Provide the correct wording not less than 10 mm high with a 5mm stroke: "Do not use the spa if you have an open sore or rash, or are experiencing nausea, vomiting or diarrhea"
- Provide the correct wording not less than 10 mm high with a 5mm stroke: "Overexposure may cause fainting. 10 to 15 minutes may be excessive for some individuals. Cool down periodically and leave the spa if nausea or dizziness occurs"
- Provide the correct wording not less than 10 mm high with a 5mm stroke: "Enter and exit the spa slowly, to prevent slipping"
- Provide the correct wording not less than 10 mm high with a 5mm stroke: "Do not play or swim near drains or suction devices. Your body, body parts, hair, jewelry and other objects may become trapped and cause injury or drowning. People with long hair should be especially careful"
- Provide the correct wording not less than 10 mm high with a 5mm stroke: "Do not enter or remain in a spa if a drain cover or suction fitting is loose, broken or missing. Immediately notify the spa operator"
- Provide the correct wording not less than 10 mm high with a 5mm stroke: "No food or beverage except water is permitted within the deck or spa. No glass containers of any kind are permitted within the deck or spa"
- Indicate the maximum number of bathers (the lesser of: one person per square metre of surface water OR the load identified by the manufacturer of the spa)

31. Other spa signage requirements met

**NO**

- Ensure a sign identifying the timing device is posted at the timing device (at least 25mm high with a stroke at least 5mm)
- Provide the correct wording "IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY STOP BUTTON AND USE EMERGENCY PHONE. AN AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE"
- Ensure the sign for the emergency stop button is posted above the button (at least 25mm with a stroke at least 5mm)

32. Depth markings present in appropriate locations (for all spas > 3 m in horizontal dimension)

**NO**

- Ensure markings are indicated at the appropriate locations

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- Provide markings that indicate breaks between gentle and steep bottom slopes
- Provide markings that indicate deep points with "DEEP AREA" where water exceeds 2500 mm
- Provide markings that indicate shallow points with "SHALLOW AREA"
- Ensure markings are printed in figures not less than 100 mm high

**Health Hazard**

33. Premises is operated and maintained free from every condition that may be a potential/immediate health hazard

**NO**

- CLOSE SPA

**Action(s) Taken**

Actions Taken: Satisfactory - No Action Required, Report Reviewed - Action Required, Re-inspection Required, Education Provided, Closure Order Served, Closure Order Rescinded, Section 13 Order Served, Section 13 Order Rescinded, License Signed, Opening Inspection, Referral (specify in closing comments)

I have read and understood this report:



Andy Hong



Andy Hong, MPH, CPHI(C)