

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

WADING POOL INSPECTION REPORT

Facility Inspected: TEST WADING POOL	Facility #: FAC-095-00001
Primary Owner:	Inspection #: INS-071-16938
	Inspection Date: 03-Jul-2018
Site Address: ON	Inspected By:
	Facility Type: Outdoor - Wading Pool
	Inspection Type: Required
	Inspection Reasons: Compliance Inspection
	Risk Rating: High
	Violations: 14

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

Outdoor - Wading Pool

Operation

1. 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.*
2. Wading pool has a designated operator NO
 - *Ensure operator designated and trained*
3. Wading pool rendered safe when not opened for use NO
 - *Ensure all water is removed and the drains remain open to prevent the collection of water.*
 - *Ensure wading pool is enclosed by a fence and locked gate so as to restrict access to anyone other than authorized personnel*
4. Pre-opening Checks Completed/conducted NO
 - *Ensure all gratings/drains are securely fastened*
 - *Ensure emergency equipment is available*
 - *Ensure emergency phone is operational*
 - *Ensure fittings that terminate in the wading pool are to be flush with the edges and are free from sharp edges*
 - *Ensure ground fault circuit interrupters are operational.*
 - *Ensure pool area and surfaces are maintained in a clean and sanitary condition and free from obstacles that may cause injury*
 - *Ensure pre-opening checks are conducted daily or after a period of non-use (i.e. before opening daily, after lunch and following service breaks).*
 - *Ensure signage is in place*
 - *Ensure vacuum relief mechanism(s) are operational*
 - *Ensure wading pool equipment is operational (filter and chemical treatment systems).*
 - *Ensure water chemistry is adequate.*
 - *Ensure water is clear and free of visible matter, i.e. all areas within the water (including main drains/ grates) are clearly visible from a viewing point at or near the water edge outside of the basin*
 - *Ensure water level is appropriate to the wading pool design*
5. Wading pool designed and constructed in a manner that ensures the safety of users NO
 - *Ensure all water suction outlets/ drains within the water-bearing structure are fitted with anti-entrapment coverings or are anti-entrapment by design, and where appropriate, the suction systems are equipped with a vacuum relief mechanism or other engineered system*
 - *Ensure all water used in the facility comes from a source that is free of potential disease-causing organisms or harmful chemicals or is treated to ensure it is free of potential disease-causing organisms or harmful chemicals*
 - *Ensure gratings or covers are securely fastened to all pipelines and fittings that terminate in the pool*

Facility Contact:

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- Ensure ground fault circuit interrupters are functional
- Ensure hard surface deck apron is at least 1m wide
- Ensure hard surface deck apron is non-slip and may be readily cleaned and sanitized
- Ensure hard surface deck apron is sloped to direct water away from wading pool
- Ensure lighting is adequate to ensure all areas within the water (including drains/grates) are clearly visible from a viewing point at or near the water edge outside the wading pool
- Ensure steps are clearly marked with a band of contrasting colour applied along the entire juncture of the side and top of the edges of each step
- Ensure steps have non-slip surfaces or treads
- Ensure suction outlet and drain covers are secured with corrosion resistant bolts/screws
- Ensure surfaces are designed to drain properly to prevent water pooling to prevent the risk of slips and falls
- Ensure water depth is a maximum of 75cm
- Ensure water heater temperature is limited to a maximum of 40°C
- Provide a hose bib and hose for water to allow the operator to clean the pool and a 1.8m area immediately surrounding the deck
- Provide a water meter that is capable of recording the volume of make-up water that is added
- Provide a water recirculation and treatment system that recirculates the water throughout the wading pool to continuously filter the water and provides for the addition of chemicals to maintain suitable levels of disinfectant
- Provide back-flow prevention devices on water supply lines and drains, where appropriate
- Provide documentation supporting anti-entrapment design of wading pool structure
- Provide handrails by steps

6. Supervision sufficient

NO

- Ensure attendant holds a standard level first aid certificate with an issue date that is not more than three years old
- Ensure attendant is trained in the wading pool's operational and emergency procedures
- Provide supervision whenever the wading pool contains water and is accessible for use
- Attendant to be at least 14 years of age
- Attendant to be attired as to be readily identifiable by users
- Attendant to be familiar with the hazards associated with the wading pool

7. Supervision responsibilities understood

NO

- Limit attendant duties to a single task (i.e. no dual supervision of different structures)
- Attendant must be able to determine appropriate use of facility in accordance with the setting, number and capability of users in the wading pool at any one time, such as use of water play toys/equipment and parental or guardian supervision of individual users (e.g., children aged 6 years or under, or physically/developmentally challenged persons)
- Attendant must have continuous visual observation of user safety
- Attendant must understand when to discontinue use of the facility (when water chemistry is not within recommended levels, when clarity is poor, or a health or safety concern is identified, such as, inclement weather, electrical concern, or the water becomes contaminated (e.g., fouling of the pool water))
- Ensure appropriate training of staff; wading pool attendant training is available through water safety associations

8. Log Book Maintained

NO

- Ensure daily records are retained for a minimum of one year
- Maintain and sign daily records
- Record any emergencies, rescues, or breakdowns of equipment that have occurred
- Record any wading pool fouling, including time and details of draining, cleaning and refilling
- Record pH values and time of day test performed
- Record results of ground fault circuit interrupter(s) test, where provided
- Record results of the daily manual test to verify proper operation of any automatic sensing device (free available chlorine/bromine, total chlorine, pH, total alkalinity, water clarity);
- Record results of the inspection of the vacuum relief mechanism, where provided
- Record the amount of make-up water added
- Record the concentration of cyanuric acid (max 60mg/L) where cyanurate stabilization is used
- Record the free available chlorine/bromine and total chlorine residuals, pH, alkalinity and water clarity
- Record the time of day the emergency phone was tested
- Record the total number of wading pool users admitted to the pool each day

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Safety Equipment

9. Provide fully supplied first aid kit NO
- 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 a current copy of the St John Ambulance or the Canadian Red Cross Society First Aid Manual
 - 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
10. Emergency phone requirements met NO
- Ensure emergency phone/device is clearly identified with a notice
 - Ensure emergency phone letters are at least 25mm high with at least a 5mm stroke width
 - Ensure emergency phone procedures are posted in a place conveniently located for emergency use
 - Ensure emergency phone procedures include names, telephone numbers, and addresses of persons who are available for resuscitation, medical aid and fire services
 - Ensure emergency phone procedures list the full name, address, nearest main intersection and emergency telephone number (911)
 - Ensure notices are posted in other parts of the facility to identify location of emergency telephone (i.e. near entrance and one other location at the furthest point of the facility)
11. Response to fouling procedures posted NO
- Clean and disinfect the wading pool and any equipment used in accordance with the Centres for Disease Control and Prevention's "Fecal Incident Response"
 - Drain the wading pool
 - Ensure proper operation of the wading pool prior to reopening
 - Ensure users leave the wading pool immediately when fouling occurs
 - Ensure water is clear and chemistry is within recommended levels prior to reopening the wading pool
 - Maintain procedures and train facility staff in responding to emergency incidents (e.g., fouling of water by fecal matter).
 - Provide the Centres for Disease Control "Fecal Incident Response Recommendations for Pool Staff" or approved response protocol

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Water Chemistry

12. Water chemistry/Quality

NO

- Ensure chemical(s) are stored and handled safely
- Maintain Free Available Chlorine between 5mg/L (5ppm) - 10mg/L (10 ppm)
- Ensure person(s) responsible for handling chemicals are appropriately trained
- Ensure stabilizer (cyanuric acid) is < 60 mg/L
- Ensure the water chemistry is maintained in a manner that allows for effective disinfection and comfort to bathers and the water chemistry is monitored by using an appropriate test kit
- Ensure the water within any holding basin is maintained at a sufficient disinfectant residual to prevent the potential spread of micro-organisms that may cause illness
- Ensure wading pool is vacated prior to adding chemicals and prevent entry into the water until chemicals are safely dissolved
- Ensure water clarity is sufficient to observe the bottom of all areas of the basin from a viewing point at or near the water edge, including a clear view of the main drain/grates
- Maintain adequate disinfection 24 hours per day unless the water is drained
- Maintain pH between 7.2 and 7.8
- Maintain total alkalinity between 80mg/L and 120mg/L
- Provide an appropriate test kit (DPD, not OTO)
- Where water is recirculated, ensure the water is both filtered and disinfected in a manner that would prevent the potential spread of micro-organisms that may cause illness
- Maintain ORP value between 600mV and 900mV
- Add 15L of fresh water/bather of make-up water daily

13. Testing frequency completed as required

NO

- Ensure free available chlorine, total chlorine/bromine, pH, alkalinity and water clarity tested one half hour prior to opening and checked every 2 hours while wading pool is open for use
- Ensure ORP/automatic sensing device is checked by manual test for free available chlorine, total chlorine/bromine, pH, alkalinity and water clarity every 4 hours while wading pool is open for use, in addition to opening assessment

Signs

14. Health and safety rules posted

N/O

- 7 Point Wading Pool Rule Sign is recommended
- Include "Children should be appropriately attired for their age and continence ability to prevent fouling of the wading pool e.g., swim diapers recommended)" on sign
- Include "Do not enter wading pool if you have an open sore or rash, or are experiencing nausea, vomiting or diarrhea" on sign
- Include "No glass container, food, or beverage is allowed in the wading pool or in the area immediately surrounding the wading pool" on sign
- Include "No person shall engage in boisterous play in or about the wading pool" on sign
- Include "No person shall pollute the water or surface of the wading pool or on the area immediately surrounding the wading pool" on sign
- Include "Parents or guardians should be within arms reach of their child(ren) at all times when the children are in the wading pool" on sign
- Include "Recreational water is not intended for drinking" on sign

Safety

15. Premises maintained free from every condition that may be a health hazard

NO

- Close wading pool

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I have read and understood this report:

Jennifer Toews, BSc, MPH