

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

SPLASH PAD INSPECTION REPORT

Facility Inspected: TEST Splash Pad - Recirculating	Facility #: FAC-007-99764
Primary Owner:	Inspection #: INS-007-16950
Site Address: 99 Regina St S Waterloo ON N2J 4V3	Inspection Date: 04-Jul-2018
	Inspected By:
	Facility Type: Outdoor - Spray/Splash Pad
	Inspection Type: Required
	Inspection Reasons: Compliance Inspection
	Risk Rating: Low
	Violations: 15

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

Outdoor - Spray/Splash Pad

Results of inspections

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.

Record Keeping

2. Log Book Maintained **NO**
 - Ensure daily records are signed and retained for a minimum of one year
 - Record any emergencies, rescues, or breakdowns of equipment that have occurred
 - Record filtration and disinfection system checks one half hour prior to opening and every two hours thereafter during operation (FAC, pH)
 - Where disinfectant or pH is controlled by an automatic sensing device, check device by doing a manual test at least one time per day in addition to opening assessment, and record the results
 - Complete and sign records daily
 - Record reading of the make-up water meter
 - Record time of day for testing of ground fault circuit interrupter

Operation

3. Pool operator designated and trained in public pool operation, maintenance, filtration systems, water chemistry and all relevant safety and emergency procedures **NO**
 - Ensure operator is designated and trained
4. Daily Pre-Opening Checks Completed/Conducted **NO**
 - Ensure spray/splash pad area is clean and free from obstacles or items that may cause injury, illness or death
 - Ensure all gratings or drain covers are securely fastened to all pipelines and fittings that terminate in the spray/splash pad
 - Ensure fittings that terminate in the spray/splash pad are flush with the edges and are free of sharp edges
 - Ensure ground fault circuit interrupters are operational.
 - 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 water chemistry is adequate and treatment and recirculation equipment are operational
 - Ensure proper operation of the spray pad/splash pad prior to reopening
5. Recirculation system in good working order **NO**
 - Continually refresh the water by discharging 15% of the water directly to waste and adding 15% fresh/makeup water whenever water is being circulated to the spray/splash pad
 - Maintain splash/spray pad with adequate disinfection 24 hours per day unless the water is drained
 - Maintain ORP between 600 mV and 900 mV

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6. Designed and constructed in a manner that ensures the safety of users NO
- Ensure play surfaces and equipment are designed and maintained so as to prevent injury
 - Ensure play surfaces are non-slip
 - Ensure spray pad/splash pad surfaces slope to drain
 - Ensure perimeter of pad prevents water entering from the surrounding area
7. *Outlet covers are secure and inspected at least once daily NO
- Ensure all grating or covers are securely fastened with corrosion-resistant bolts/screws
 - Ensure vacuum relief mechanism is tested daily
 - Provide documentation supporting the anti-entrapment design of the splash/spray pad
 - Ensure anti-entrapment devices are in good repair/ operational
 - 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
8. Water meter provided NO
- Ensure water meter is provided
9. Response to fouling procedures posted NO
- Ensure users leave the spray pad/splash pad immediately when fouling occurs
 - Drain the recirculation system
 - Drain the spray pad/splash pad
 - Clean and disinfect the spray pad/splash pad and any equipment
 - Maintain procedures and train facility staff in responding to emergency incidents (e.g., fouling of water by fecal matter).

Water Chemistry and Treatment

10. Water clarity NO
- 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
 - 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.
11. Testing frequency completed as required NO
- Ensure chlorine/bromine and pH tested one half hour prior to opening and at least once every two hours while splash/spray pad is open for use
 - Ensure ORP/automatic sensing device is checked by manual test for disinfectant and pH once per day in addition to opening assessment
12. Filtration and disinfection system continuously in operation NO
- Ensure water is both filtered and disinfected in a manner that would prevent the spread of micro-organisms that may cause illness
 - Provide storage tank to allow for appropriate contact time (CT) of disinfectant
 - Ensure water is retained in a storage tank for an appropriate period to allow for effective disinfection
 - Treat water with ultraviolet light (UV) capable of rendering cysts and oocysts inactive before water returns to the spray/splash pad (NSF 55) or absolute 1 micron filter
 - Ensure turbidity monitoring and control in place to monitor effectiveness of UV treatment
 - Ensure UV unit has a mechanism in place to prevent water from being directed to splash/spray pad in the event of equipment malfunctioning.
 - Ensure the UV light is maintained as per manufacturer's directions
13. Water chemistry/Quality NO
- Maintain Free Available Chlorine at a minimum of 1.0mg/L (1.0ppm) - Outdoor
 - Maintain total bromine residual at a minimum of 2mg/L (2.0ppm)
 - Maintain pH between 7.2 and 7.8
 - Maintain total alkalinity between 80mg/L (80ppm) and 120mg/L (120ppm)
 - Ensure stabilizer (cyanuric acid) is < 150 mg/L
 - Ensure spray/splash pad is vacated prior to adding chemicals and prevent entry into the water until chemicals are safely dissolved

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Signage and Supervision

- 14. Supervision signage posted NO
 - Ensure clearly visible signage is available notifying parents or guardians to supervise their children at all times
 - Ensure facility has contact phone numbers posted in the event the facility requires attention

Health Hazard

- 15. Premises maintained free from every condition that may be a health hazard NO
 - Close spray/splash pad

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)