

SWIMMING POOL/SPA INSPECTION REPORT

LOCAL INSPECTION AGENCY:

Johnson County Public Health 855 S. Dubuque St; Suite 217 Iowa City, IA 52240

_								
Date of Inspection	า:				ation #			
Facility Name: Reg				Pool Spa Other egistration #				
				☐ Pool ☐ Spa ☐ Other Registration #				
City					Spa Other		Chahai	7:
City:				ounty	: Johnson		State: IA	Zip:
Person Contacted	:		E-	-Mail:				
Name of CPO(s)								
CHEMICAL FEED S	SYSTEMS AND SECOND	ARY DISINFECTANT						
Disinfection make	e and model #:							
Туре:								
☐ Bromine ☐ T	richlor 🔲 Calcium Hyp	ochlorite	ypochlorite 🔲 l	Lithium	n Hypochlorite	s) 🗌 Other:		
WATER CHEMIST	RY							
Type (Pool, Spa, Plunge Pool, etc.)	Free Chlorine Pool 1.0-8.0 Spa 2.0-8.0	Bromine Pool 2.0-18.0 Spa 4.0-18.0	pH Pool 7.2-7.8 Spa 7.2-7.8		Cyanuric Acid Pool 0-40 Spa 0- 40	Contro ORP 700 pH 7.2-	-880	Spa Temperature <= 104°
(ey: S = Satisf	 	isfactory N/A =	Not Applicable	 e				
ACILITY RECORDS	-	,	,	6.		: Certified op	erator, lifeg	guard, first-aid, & CPR
S U N/A 1.			7.	certificates.	2) & 15.51(5)	e(2): Mont	hly microbiological	
registered. 2.			8.	analyses results. 15.4(6)f(complaints, accidents,			ry maintains reports orts submitted as	
out of range). 3.			9.				& quantities of	
alkalinity and cyanuric acid weekly; calcium hardness & bacteria testing monthly.			10.	chemical additions, including resupply of chemical feed systems. 15.4(6)f(5) & 15.51(5)e(6): Dates when filters were backwashed, cleaned, or a filter cartridge was changed.				
			11.	 I. Image: Interest of the state of the state				
etc.) is on-site. 5.			12.		7) & 15.51(5) d date(s) of re	e(9): MSDS eview recor	for chemicals on-site	
information that demonstrates compliance is on-site. SVRS tested monthly and the test date(s) recorded.			13.	13 15.4(6)i(1)-(6) & 15.51(5)g(1)-(6): Operations manual on-site (water testing procedures, backwash, vacuuming, etc.).				

FACILITY RECORDS CONT. 21. 15.5(18)c: Each section of a multi-section pool is S U N/A separated from the other sections by a float line (built or reconstructed since March 10, 1993). 14. 15.4(6)I: A written emergency plan onsite (drowning, 22. 15.4(4)j(1): Depth markers within 3ft from edge of serious illness or injury, chemical-handling accidents, weather pool. emergencies, and other serious incidents) reviewed annually by 15.4(4)j(2): Depth markers in 1ft depth intervals and staff, and date(s) of review recorded. 23. not more than 25ft apart in shallow water. of zones of surveillance responsibility. 24. 15.4(4)j(3): Depth markers not more than 25ft apart around the deep end of swimming pool. 16. **15.51(2)e(3):**Spa temperature recorded when water 25. **15.4(4)j(6):** "No Diving" marked in areas where diving quality testing is done (104° or less-closures noted when out of temp is not permitted (not more than 25ft apart). range). 26. The state of t decks and slip resistant. every 2 hours; free Cl (Br) and temperature 2x daily+; combined Cl and cyanuric acid daily; total alkalinity weekly and at each fill; resistant, have durable and cleanable surface, are free of litter, calcium hardness at each fill & bacteria testing monthly obstructions & tripping hazards. or less 1x week, 500 -2000 gal 1x every two weeks, more than 2000 projections or obstructions. gal 1x every three weeks. 29. **15.4(4)I(2) & 15.51(4)k(2):** Fence, wall, or other means of enclosure has no openings greater than 4 inches. POOL/DECK/SURROUNDING AREA 30. 15.4(4)I(1) & 15.51(4)k(1): Pool enclosed by a fence, U N/A wall, building enclosure or combination not less than 4ft high. 15.4(1)b(4)1 & 15.51(1)e(1)-(2): Skimmers have self-adjusting weirs and removable baskets. ground & the top of the lowest horizontal support is at least 45 ☐ ☐ 15.4(2)c & 15.51(2)c: Grate clearly visible. Grate openings visible in water less than 8ft deep. inches. **15.4(4)I(3) & 15.51(4)k(3):** A gate at least 36 inches ☐ ☐ 15.4(3)b(1) & 15.51(3)b(1): Pool/spa does not require wide provided for emergency purposes. ☐ 15.4(4)I(4) & 15.51(4)k(3): Gates lockable. 15.4(4)b(1): Ladders or recessed steps provided in the deep portion of pool. Stairs, ladders, recessed steps, or ramps closing and self-latching (where lifeguards are not provided). provided in the shallow portion if more than 2ft deep. 35. **15.4(4)I(5):** Indoor pool enclosed by barrier at least ☐ 15.4(4)b(2) & 15.51(4)b(5): Ladders and ladder rungs 3ft high if there are sleeping rooms, hallways, apartments, are securely anchored. condominiums or permanent recreation areas used by children that ☐ 15.4(4)b(3): The vertical rails of a ladder are 3" to 6" open directly into the swimming pool area. from the pool wall. The bottom end of ladder is within one inch of **15.4(4)I(6):** Wave pool has a continuous barrier at the pool wall and covered with a smooth non-metallic cap. least 42 inches high along the full length of each side of the wave are slip resistant. ☐ ☐ 15.4(4)b(5): Pool over 30ft wide have recessed steps, pool deck equipped with (GFCI) at the outlet or at the breaker ladders, ramps, or stairs installed on each side. serving the outlet. 15.4(4)b(6)-(7): Recessed steps, stairs, or ramps have 38. **15.4(4)m(2) & 15.51(4)j(4):** Artificial lighting provided securely anchored grab rails or handrails. for indoor or outdoor pools/spas used after sunset (overhead and/or 10. 15.4(4)b(8): Stairs have slip resistant color contrasting underwater lights) are functional. stripe at least 1 inch wide marked at the leading edge of each tread. 39. **15.4(6)b(1)-(3) & 15.51(5)b(1)-(8):** Legible pool rules signs posted at two locations (No Diving, No Rough Play, No are provided. Running) ☐ ☐ 15.4(4)f(1): Required lifesaving equipment provided. 40. This is a second of the se accompanied by an adult) sign posted at each swimming pool entry bandage compress, self-adhering gauze bandage, disposable gloves where lifeguards are not provided. & chemical cold compress. Signage if required. 41. 15.5(4)h & 15.51(4)h(3): At least one hose bib 14. 15.4(4)f(5):Spine board provided (facilities with provided for flushing the deck(built or reconstructed since March 14, lifeguards) 15. **15.4(4)f(6) & 15.51(4)d:** A designated emergency 42. 15.4(1)d(2) & 15.51(1)g(2): Vacuum breaker backflow telephone with instruction. Signage posted as required. preventers provided on all hose bibs on the deck. 16. **15.4(4)g & 15.51(4)e:** Pool/spa water levels 43. 15.4(4)c(2): Starting blocks removed, covered, or a maintained at the skimming level. sign posted to prevent use by the public during general use periods. 17. **15.4(4)h & 15.51(4)f:** Fully submerged outlets not missing or broken. swimming pool/spa (built or reconstructed since March 10, 1993). 45. The state of t openings VGB compliant or the equalizers plugged. to deep, a 4 inch wide stripe is marked (floor and wall) at 5 feet depth (built or reconstructed since March 14, 1990). light color. 46. 15.4 & 15.51: A swimming pool/spa is operated in a 20. **15.4(4)i(3):** The shallow & deep water (5ft) or change

in slope is marked by a float line with floats spaced no more than 5ft

apart.

safe, sanitary manner.

SPA	<u>\(\) </u>	ME	CHANICAL ROOM
1.	S U N/A 15.51(4)c: Spa water temperature does not exceed	1.	S U N/A 15.4(1)a & 15.51(1)a: Filtration system is in good
	104°F.		working condition.
2.	☐ ☐ 15.51(4)I: Agitation system control out of reach of	2.	15.4(1)b(1) & 15.51(1)c: The recirculation system is
3.	persons and timer is 10 minutes or less. 15.51(5)b: Spa rules sign (8 required stipulations)	3.	operating continuously (except for backwashing or servicing). 15.4(1)b(1) & 15.51(1)c: The circulation system flow
J.	posted.	Э.	meter(s) are functional.
4.	15.51(5)c: Maximum spa depth posted (letters or	4.	☐ ☐ 15.4(1)b(2) & 15.51(1)b: Pressure gauges (before and
_	numbers 3in high).	_	after) filter pump
5.	☐ ☐ 15.52(12)a: A spa has at least one stairway, ramp, ladder or set of recessed steps designating a point of entry (built or	5.	☐ ☐ 15.4(1)c & 15.51(1)f: Wastewater and backwash is discharged through an air break or air gap.
	reconstructed since March 14, 1990).	6.	☐ ☐ 15.4(1)d(1) & 15.51(1)g(1): Water supplied to a
6.	☐ ☐ 15.52(12)a(1)2: Spa stair steps have two hand/grab		pool/spa is discharged to the system through an air gap or a reduced
	rails, one on each side of the steps (built or reconstructed since	7	principle backflow device.
7.	March 10, 1993). 15.52(12)c: An emergency shutoff switch near the spa	7.	15.4(1)d(2) & 15.51(1)g(2): Vacuum breaker backflow preventers provided on hose bibs in mechanical room.
<i>,</i> .	(built or reconstructed since 1999).	8.	☐ ☐ 15.4(1)e(1) & 15.51(1)h(1): Electric water heaters
			have UL seal.
WA	ADING Pools	9.	15.4(1)e(2) & 15.51(1)h(2): Gas-fired heaters have
1.	S U N/A 15.4(4)h: Fully submerged outlets not missing or	10.	AGA seal and equipped with a pressure relief valve. 15.4(1)e(3) & 15.51(1)h(3): Fuel-burning water
	broken.	10.	heaters are vented to the outside.
2.	☐ ☐ 15.4(4)h(1)2: Fully submerged outlet covers/grates	11.	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `
3.	not removable without the use of tools. 15.4(4)I(4): Wading pool within 50 ft of a pool has a		equipment has opening(s) to the outside for providing combustion air.
э.	barrier at least 36 inches high separating it from the pool or has	12.	
	written alternate management plan on-site.		water/operating water treatment equipment available when pool is
4.	15.4(4)I(5): Gates/doors are self-closing and self-	4.0	open for use.
5.	latching (where lifeguards are not provided). 15.4(6)d(1): 'No Lifeguard' (Children must be	13.	15.4(2)f(1)-(3) & 15.51(2)f(1)-(3): A swimming pool/spa facility has water testing equipment for free chlorine &
٥.	accompanied by an adult) sign posted at each wading pool entry		combined chlorine, or total bromine; pH; total alkalinity; calcium
	where lifeguards are not provided.		hardness; & cyanuric acid.
6.		14.	☐ ☐ 15.4(2)f(4)-(5) & 15.51(2)f(4)-(5): ORP/pH controller
	entrance and one location inside enclosure (letters or numbers 3in high).	15.	with numerical analog or digital display 15.4(3)a(1) & 15.51(3)a(1): Continuous disinfection
		13.	feed equipment installed and operational.
DIV	<u>ING BOARDS</u>	16.	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `
1.	S U N/A 15.4(4)c(6): Diving boards/platforms have slip-		feed equipment installed and operational (built or reconstructed since July 1, 1998).
1.	resistant surfaces.	17.	
2.	☐ ☐ 15.4(4)c(8)-(9): Diving board handrails and guard rails		☐ ☐ 15.4(6)j & 15.51(5)i: A schematic drawing of the
_	present and secure.		recirculation system is posted or clear labeling of piping with flow
3.	15.4(4)c(10): Diving board supports, platforms & steps have no obvious visual structural problems.		direction and water status (unfiltered, treated, backwashed).
	stops have no oz wedo noda stratega prostend.	CHI	EMICAL STORAGE
WA	ATER SLIDES	_	S U N/A
1.	S U N/A 15.4(4)d(5): Water slide has a lifeguard (or shallow	1.	15.4(4)a(2) & 15.51(4)a(2): Swimming pool/spa chemicals properly stored & handled.
1.	water guard where applicable) at the top and bottom of slide.	2.	☐ ☐ 15.4(4)a(4) & 15.51(4)a(4): Chemical storage
2.	☐ ☐ 15.4(4)o(1): Water slide support structures are free of		containers clearly labeled.
2	obvious structural defects.	3.	☐ ☐ 15.4(4)a(5) & 15.51(4)a(5): A chemical hazard
3.	☐ ☐ 15.4(4)o(2): The walkable surface of flume is smooth and continuous.		warning placed at the entrances to rooms where chemical are used or stored.
4.	☐ ☐ 15.4(4)o(3): The walkable surface of flume has no	4.	☐ ☐ 15.4(4)h(3)& 15.51(4)f(4):A pool/spa with a single
	sharp edges within reach of a user while in the proper sliding		<u>submerged</u> outlet that is not unblockable is equipped with a SVRS.
_	position.	5.	15.4(4)m(2)2 & 15.51(4)j(4)2: Underwater lights more
5.	L L 15.4(6)e (1)-(6): Water slide rules are posted near the slide.	6.	than 15 V equipped with a GFCI. 15.5(11)g: Sodium hypochlorite tanks larger than 55
6.	15.5(17)b(1): Plunge pool depth is at least 3ft and no	٥.	gallons have secondary containment (built or reconstructed since
	more than 4ft .		May 4, 2005).
7.	15.5(17)b(4): Landing area for a water slide is designated by a float line or a painted area.		
	designated by a float fille of a painted died.		

CHLORINE GAS	8 15.4(1)d(2) & 15.51(1)g(2): Vacuum breaker backflow
S U N/A	preventers provided on all hose bibs in the bathhouse.
1. L 15.4(4)n(1)1: Chlorine gas room has an exhaust	
system.	SPRAY PADS
2 15.4(4)n(1)2: An air intake provided near the ceiling.	S U N/A
3.	1 15.5(19)a: The surface of a spray pad shall be
a switch labeled "Chlorine Exhaust Fan" in a nearby location outside	impervious and durable. Padding specifically designed for spray pad
the chlorine room or building.	may be used with play features.
4.	2 15.5(19)b: The spray pad surface shall slope to drain.
of pool enclosure	Deck or other areas outside the spray pad shall not drain into the
5.	spray pad.
room	3.
6 15.4(4)n(1)7: A plastic bottle of commercial strength	facility staff, a sign shall be posted near the spray pad that
ammonia solution for leak detection.	addresses: No running on or around the spray pad, No rough play,
7.	No facility supervision. Parents are responsible for supervising their
anchored with safety chains or straps	children.
	4.
BATHHOUSE	At least two drains or a single drain that is unblockable shall be
S U N/A	provided.
1.	5 15.5(19)e(2): On independent treatment systems the
are clean & free of debris.	tank shall be accessible for cleaning and inspection.
2.	6.
without standing water.	recirculation treatment system and play feature pump and piping
3.	system shall be separate.
bathhouse/dressing area.	7. L 15.5(19)e(5): On independent treatment systems the
4. 15.4(5)d: Lavatories, showers & sanitary facilities	play feature pump system shall be designed so that it will not
functional	operate if the recirculation system in not operating.
5. 15.4(5)e: Soap at each lavatory and indoor shower	
fixtures.	IOWA SMOKEFREE AIR ACT
6. 15.4(4)m(1) & 15.51(4)j(1): Electrical outlets in the	S U
public dressing, lavatory, and shower areas are protected by GFCI	1.
receptacles at the outlet or breaker serving the outlet.	smoking in prohibited areas, no ashtrays present, signs posted at
7.	entrances)
(built or reconstructed since March 14, 1990).	
Comments/Recommendations:	
Comments/Recommendations:	

FACILITY ACKNOWLEDGEMENT

If any of the conditions identified below occur during operation of the swimming pool or spa, the owner or their representative (i.e. CPO, Lifeguard, Manager, etc) must immediately close the pool/spa and document the closure in the daily logs in accordance to 641 IAC Chapter 15. The pool or spa must remain closed until proper operating conditions are achieved and recorded in the daily logs.

- The swimming pool shall be closed if the free chlorine measurement is less than 0.6 ppm or the total bromine measurement is less than 1.0 ppm.
- The spa shall be closed if the free chlorine measurement is less than 1 ppm or the total bromine measurement is less than 2.0 ppm.
- The spa shall be closed if the temperature is greater than 104°.
- The swimming pool or spa shall be closed if the free chlorine measurement is greater than 8.0 ppm or the total bromine measurement is greater than 18.0 ppm.
- The swimming pool or spa shall be closed if the ORP is less than 650 mV or greater than 880 mV.
- The swimming pool or spa shall be closed if the pH measurement is less than 6.8 or is greater than 8.2.
- The swimming pool or spa shall be closed if the cyanuric acid measurement is greater than 80 ppm.
- The swimming pool or spa (when the spa agitation system is off) shall be closed if the main drain is not clearly visible. (This can be caused by problems such as poor water clarity, surface reflection, and/or inadequate lighting.)
- The swimming pool or spa shall be closed if submerged suction outlets (drain cover, equalizer cover, feature outlets, etc.) are missing or broken.
- The swimming pool or spa shall be closed when chemical additions are made from the deck for at least one-half hour or until the disinfectant residual returns to acceptable levels
- Two consecutive positive test results for coliform bacteria. (After the first positive result, the local inspection agency office should be contacted, and the pool shall be super-chlorinated (the addition of chlorine disinfectant compound to a concentration of at least 10 ppm free chlorine) at the facility's earliest convenience but not to exceed 24 hours. A recheck sample shall be taken once the disinfectant residual returns to acceptable levels. The pool shall be closed if the second sample is positive and may reopen once no coliform bacteria are detected and the above listed requirements are met.

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Pool/Spa Representative	Date
A I IV LI KNOW \	
JCPH Representative	Date

*The inspection reviewed the facility in relation to the particular requirements of 641 IAC Chapter 15 identified above. The inspection is limited in scope and time noting observed deficiencies. Deficiencies may have occurred before the inspection, may occur after the inspection, or may not have been directly observable by the inspector at the time of inspection. The inspection in no way waives any of the requirements of 641 IAC Chapter 15 and the facility will be required to correct any deficiencies identified through future inspections. The inspection does not review any other local, state, or federal laws, ordinances, regulations, or requirements that may apply to this facility.

NOTIFICATION OF DEFICIENCIES AND REQUEST FOR CORRECTIVE ACTION Enforcement 641 15.6(135I)

Facility Name: Date of Inspection: Inspector:
The following is a list of the deficiencies that were identified in the inspection report that need a Corrective Action Plan. Please respond within days of receipt of this notice to the identified deficiencies by completing the Corrective Action Plan section(s) below with an explanation of how the deficiencies will be corrected and the timeframe. If a deficiency cannot be completed before you respond, you must set a fixed time for correction. Failure to respond within the required timeframe may result with enforcement action against your facility pursuant to lowa Code 135I and 641 IAC 15.6.
Deficiency 1: (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)
Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)
Deficiency 2: (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)
Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)
Deficiency 3: (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)
Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)
Deficiency 4: (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)
Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)
Deficiency 5: (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)
Corrective Action Plan: (Cite this section to be completed by the facility to indicate how the deficiencies will be corrected)

Corrective Action Plan: (this section to be completed by	the facility to indicate how the deficiencies will be corrected)
Deficiency 7: (Cite 641 IAC Chapter 15 violation and mann	er in which the facility failed to comply)
Corrective Action Plan: (this section to be completed by	y the facility to indicate how the deficiencies will be corrected)
Deficiency 8: (Cite 641 IAC Chapter 15 violation and mann	ner in which the facility failed to comply)
Corrective Action Plan: (this section to be completed by	y the facility to indicate how the deficiencies will be corrected)
<u>Deficiency 9:</u> (Cite 641 IAC Chapter 15 violation and mann	ner in which the facility failed to comply)
Corrective Action Plan: (this section to be completed b	y the facility to indicate how the deficiencies will be corrected)
Deficiency 10: (Cite 641 IAC Chapter 15 violation and man	nner in which the facility failed to comply)
Corrective Action Plan: (this section to be completed by	y the facility to indicate how the deficiencies will be corrected)
*** Additional identified deficiencies may be listed on	attached pages.
The deficiencies noted during the inspection shall be ac original signed copy of this document to:	ddressed by completing this Corrective Action Plan within days and submitting an
	Johnson County Public Health Attn: 855 S. Dubuque St.; Suite 217 Iowa City, IA 52240
Pool Representative:	Date:

<u>Deficiency 6</u>: (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)

Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)
Deficiency 12: (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)
Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)
Deficiency 13: (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)
Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)
Deficiency 14: (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)
Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)
Deficiency 15: (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)
Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)
Deficiency 16: (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)
Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)

Deficiency 11: (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)