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# 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	1:				ation#			
					ool Spa Other stration #			
[				Pool Spa Other				
· · ·			Registration #  Pool Spa Other					
City: Ca				ounty	: Johnson		State:	Zip:
				N 4 = : I .			IA	
Person Contacted	•			-Mail:				
Name of CPO(s)			<u> </u>					
CHEMICAL FEED S	SYSTEMS AND SECOND	ARY DISINFECTANT						
Disinfection make								
Distillection make	e and model #.							
Type:								
	🗖							
☐ Bromine ☐ Ti	richlor   Calcium Hyp	ochlorite	ypochlorite 🔲 L	_ithium	n Hypochlorite	s) U Other:		
WATER CHEMIST	RY							
Type (Pool, Spa,	Free Chlorine	Bromine	pН		Cyanuric Acid	Control	ler	Spa Temperature
Plunge Pool, etc.)	Pool 1.0-8.0	Pool 2.0-18.0	Pool 7.2-7.8		Pool 0-40	ORP 700		<= 104°
	Spa 2.0-8.0	Spa 4.0-18.0	Spa 7.2-7.8		Spa 0- 40	pH 7.2-	7.8	
ey: S = Satisf	actory U = Unsat	isfactory N/A -	Not Applicable	`				
ey: S = Satisf	actory 0 = orisat	islactory N/A =	Not Applicable					
ACILITY RECORDS			6.	<b> 15.4(6)h</b> certificates.	: Certified ope	erator, life	guard, first-aid, & CPI	
S U N/A  15.9(1) The swimming pool or spa is currently			7.		2) & 15.51(5)	<b>e(2):</b> Mon	thly microbiological	
registered.					analyses results.			
☐ ☐ 15.4(2)a(1)-(6) & 15.51(2)a(1)-(6):Water quality			8.					
readings recorded are in the correct range (or closures noted when out of range).				complaints, accidents, required.	injuries, & iii	ness. Repo	orts submitted as	
<b>15.4(2)e(1)-(6):</b> Swimming pool: ORP and pH at			9.		4) & 15.51(5)	<b>e(5)</b> : Date	s & quantities of	
opening and every 4 hours; free Cl (Br) 2x daily; combined Cl, total					chemical additions, in	cluding resup	ply of che	mical feed systems.
alkalinity and cyanuric acid weekly; calcium hardness & bacteria				10.				s when filters were
testing monthly.  15.4(4)h(1)3 & 15.51(4)f(2)3: Submerged outlet (VGB)				11.	backwashed, cleaned,		-	changed. receptacles & breake
L L 15.4(4)h(1)3 & 15.51(4)f(2)3: Submerged outlet (VGB) certification of compliance (main drain, equalizer, feature outlets,			11.	are tested at least 1x/				
etc.) is on-site.	•	, - 4	,	12.				S for chemicals on-sit
	5.4(4)h(3)1-3 & 15.51(4	l)f(4)1-3: SVRS product			reviewed annually, an	d date(s) of re	eview reco	rded.
information that demonstrates compliance is on-site. SVRS tested			13.				): Operations manua	
monthly and the test date(s) recorded.				on-site (water testing	procedures, b	ackwash,	vacuuming, etc.).	

FAC	ILITY RECORDS CONT.	21.	
	S U N/A		separated from the other sections by a float line (built or
14.	15.4(6)I: A written emergency plan onsite (drowning,		reconstructed since March 10, 1993).
	serious illness or injury, chemical-handling accidents, weather	22.	15.4(4)j(1): Depth markers within 3ft from edge of
	emergencies, and other serious incidents) reviewed annually by		pool.
	staff, and date(s) of review recorded.	23.	` ` ` ` ` ` `
15.	15.4(6)m: Lifeguard staffing plan, including diagram(s)	24	not more than 25ft apart in shallow water.
10	of zones of surveillance responsibility.	24.	<b>15.4(4)j(3):</b> 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	23.	is not permitted (not more than 25ft apart).
17	range).	26.	15.4(4)j(7): Letters, numbers & graphics marked on
17.	every 2 hours; free CI (Br) and temperature 2x daily+; combined CI		decks and slip resistant.
	and cyanuric acid daily; total alkalinity weekly and at each fill;	27.	☐ ☐ 15.4(4)k(1)-(3) & 15.51(4)h(1)-(4): Decks are slip
	calcium hardness at each fill & bacteria testing monthly		resistant, have durable and cleanable surface, are free of litter,
18.	☐ ☐ 15.51(3)b(2): Spa drained, cleaned & refilled: 500 gal		obstructions & tripping hazards.
	or less 1x week, 500 -2000 gal 1x every two weeks, more than 2000	28.	☐ ☐ 15.4(4)k(3) & 15.51(4)i: No underwater or overhead
	gal 1x every three weeks.		projections or obstructions.
		29.	☐ ☐ 15.4(4)I(2) & 15.51(4)k(2): Fence, wall, or other
POC	DL/DECK/SURROUNDING AREA		means of enclosure has no openings greater than 4 inches.
	S U N/A	30.	☐ ☐ 15.4(4)I(1) & 15.51(4)k(1): Pool enclosed by a fence,
1.	☐ ☐ 15.4(1)b(4)1 & 15.51(1)e(1)-(2): Skimmers have self-		wall, building enclosure or combination not less than 4ft high.
	adjusting weirs and removable baskets.	31.	15.4(4)I(2) & 15.51(4)k(2): The distance between the
2.	☐ ☐ 15.4(2)c & 15.51(2)c: Grate clearly visible. Grate		ground & the top of the lowest horizontal support is at least 45
	openings visible in water less than 8ft deep.	22	inches.
3.	<b>15.4(3)b(1) &amp; 15.51(3)b(1):</b> Pool/spa does not require	32.	L L 15.4(4)I(3) & 15.51(4)k(3): A gate at least 36 inches wide provided for emergency purposes.
	cleaning.	33.	15.4(4)I(4) & 15.51(4)K(3): Gates lockable.
4.	15.4(4)b(1): Ladders or recessed steps provided in the		15.4(4)I(5) & 15.51(4)K(4): Gates/doors are self-
	deep portion of pool. Stairs, ladders, recessed steps, or ramps	54.	closing and self-latching (where lifeguards are not provided).
5.	provided in the shallow portion if more than 2ft deep.  15.4(4)b(2) & 15.51(4)b(5): Ladders and ladder rungs	35.	☐ ☐ 15.4(4)I(5): Indoor pool enclosed by barrier at least
٦.	are securely anchored.		3ft high if there are sleeping rooms, hallways, apartments,
6.	15.4(4)b(3): The vertical rails of a ladder are 3" to 6"		condominiums or permanent recreation areas used by children that
٥.	from the pool wall. The bottom end of ladder is within one inch of		open directly into the swimming pool area.
	the pool wall and covered with a smooth non-metallic cap.	36.	15.4(4)I(6): Wave pool has a continuous barrier at
7.	☐ ☐ 15.4(4)b(4) & 15.51(4)b(2): Steps, rungs, and ramps		least 42 inches high along the full length of each side of the wave
	are slip resistant.		pool
8.	☐ ☐ 15.4(4)b(5): Pool over 30ft wide have recessed steps,	37.	☐ ☐ 15.4(4)m (1) & 15.51(4)j(1): Electrical outlets serving
	ladders, ramps, or stairs installed on each side.		pool deck equipped with (GFCI) at the outlet or at the breaker
9.	<b>15.4(4)b(6)-(7):</b> Recessed steps, stairs, or ramps have		serving the outlet.
	securely anchored grab rails or handrails.	38.	15.4(4)m(2) & 15.51(4)j(4): Artificial lighting provided
10.	15.4(4)b(8): Stairs have slip resistant color contrasting		for indoor or outdoor pools/spas used after sunset (overhead and/o
	stripe at least 1 inch wide marked at the leading edge of each tread.	20	underwater lights) are functional.  15.4(6)b(1)-(3) & 15.51(5)b(1)-(8): Legible pool rules
11.	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `	39.	signs posted at two locations (No Diving, No Rough Play, No
12	are provided.		Running)
12. 13.		40.	15.4(6)d(1): 'No Lifeguard' (Children under 12 must be
15.	bandage compress, self-adhering gauze bandage, disposable gloves		accompanied by an adult) sign posted at each swimming pool entry
	& chemical cold compress. Signage if required.		where lifeguards are not provided.
14.		41.	☐ ☐ 15.5(4)h & 15.51(4)h(3): At least one hose bib
17.	lifeguards)		provided for flushing the deck(built or reconstructed since March 14
15.	☐ ☐ 15.4(4)f(6) & 15.51(4)d: A designated emergency		1990).
	telephone with instruction. Signage posted as required.	42.	☐ ☐ 15.4(1)d(2) & 15.51(1)g(2): Vacuum breaker backflow
16.	☐ ☐ 15.4(4)g & 15.51(4)e: Pool/spa water levels		preventers provided on all hose bibs on the deck.
	maintained at the skimming level.	43.	<b>15.4(4)c(2):</b> Starting blocks removed, covered, or a
17.	☐ ☐ 15.4(4)h & 15.51(4)f: Fully submerged outlets not		sign posted to prevent use by the public during general use periods
	missing or broken.	44.	
18.	☐ ☐ 15.4(4)h(4) & 15.51(4)f (5): Skimmer equalizer		swimming pool/spa (built or reconstructed since March 10, 1993).
	openings VGB compliant or the equalizers plugged.	45.	<b>15.5(13)f(3)</b> : Where pool depth changes from shallow
19.			to deep, a 4 inch wide stripe is marked (floor and wall) at 5 feet
	light color.	46	depth (built or reconstructed since March 14, 1990).
20.	☐ ☐ 15.4(4)i(3): The shallow & deep water (5ft) or change	46.	15.4 & 15.51: A swimming pool/spa is operated in a

in slope is marked by a float line with floats spaced no more than  $5 \mbox{\it ft}$ 

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
1.	104°F.	1.	working condition.
2.		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
Э.	posted.	Э.	meter(s) are functional.
4.	☐ ☐ <b>15.51(5)c:</b> 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.	L L 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 reduce
	rails, one on each side of the steps (built or reconstructed since	_	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.
٧.	(built or reconstructed since 1999).	8.	☐ ☐ 15.4(1)e(1) & 15.51(1)h(1): Electric water heaters
			have UL seal.
WA	DING 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.	
2	not removable without the use of tools.		equipment has opening(s) to the outside for providing combustion
3.	<b>15.4(4)!(4):</b> Wading pool within 50 ft of a pool has a barrier at least 36 inches high separating it from the pool or has	12.	air.  15.4(2)g: Knowledgeable person in testing
	written alternate management plan on-site.	12.	water/operating water treatment equipment available when pool is
4.	☐ ☐ 15.4(4)I(5): Gates/doors are self-closing and self-		open for use.
_	latching (where lifeguards are not provided).	13.	15.4(2)f(1)-(3) & 15.51(2)f(1)-(3): A swimming
5.	☐ ☐ <b>15.4(6)d(1):</b> 'No Lifeguard' (Children must be accompanied by an adult) sign posted at each wading pool entry		pool/spa facility has water testing equipment for free chlorine & combined chlorine, or total bromine; pH; total alkalinity; calcium
	where lifeguards are not provided.		hardness; & cyanuric acid.
6.	☐ ☐ 15.4(4)j(4):Maximum depth of wading pool at each	14.	☐ ☐ <b>15.4(2)f(4)-(5) &amp; 15.51(2)f(4)-(5):</b> ORP/pH controller
	entrance and one location inside enclosure (letters or numbers 3in	15	with numerical analog or digital display  15.4(3)a(1) & 15.51(3)a(1): Continuous disinfection
	high).	15.	<b>15.4(3)a(1) &amp; 15.51(3)a(1):</b> Continuous disinfection feed equipment installed and operational.
DIV	ING BOARDS	16.	☐ ☐ 15.4(3)a(2) & 15.52(11)h: Continuous pH chemical
	S U N/A		feed equipment installed and operational (built or reconstructed
1.	<b>15.4(4)c(6):</b> Diving boards/platforms have slipresistant surfaces.	17.	since July 1, 1998).   15.4(3)b(2): A vacuum cleaning system is provided.
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.	<b>15.4(4)c(10):</b> Diving board supports, platforms &		direction and water status (unfiltered, treated, backwashed).
	steps have no obvious visual structural problems.	СН	EMICAL STORAGE
WA	TER SLIDES	<u>C11</u>	S U N/A
	S U N/A	1.	☐ ☐ <b>15.4(4)a(2) &amp; 15.51(4)a(2):</b> Swimming pool/spa
1.	L L 15.4(4)d(5): Water slide has a lifeguard (or shallow water guard where applicable) at the top and bottom of slide.	2.	chemicals properly stored & handled.  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	۷.	containers clearly labeled.
	obvious structural defects.	3.	☐ ☐ <b>15.4(4)a(5) &amp; 15.51(4)a(5):</b> A chemical hazard
3.	15.4(4)o(2): The walkable surface of flume is smooth		warning placed at the entrances to rooms where chemical are used
4.	and continuous.  15.4(4)o(3): The walkable surface of flume has no	4.	or stored.
4.	sharp edges within reach of a user while in the proper sliding	4.	submerged 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.	15.4(6)e (1)-(6): Water slide rules are posted near the		than 15 V equipped with a GFCI.
6.	slide.  15.5(17)b(1): Plunge pool depth is at least 3ft and no	6.	<b>15.5(11)g:</b> Sodium hypochlorite tanks larger than 55 gallons have secondary containment (built or reconstructed since
υ.	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.		

CHLORINE GAS	8.
S U N/A  1.	preventers provided on all hose bibs in the bathhouse.
system.  2.	SPRAY PADS S U N/A  1.
the chlorine room or building.  4.	may be used with play features.  2.
<ul> <li>5.</li></ul>	spray pad.  3.
anchored with safety chains or straps  BATHHOUSE	4.
S U N/A  1.	<ul> <li>provided.</li> <li>5.</li></ul>
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.

Pool/Spa Representative	Date	
M.A. Artan		
CPA 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.
<b>Deficiency 1:</b> (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)
<b>Corrective Action Plan:</b> (this section to be completed by the facility to indicate how the deficiencies will be corrected)
<b>Deficiency 2:</b> (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)
<b>Corrective Action Plan:</b> (this section to be completed by the facility to indicate how the deficiencies will be corrected)
<b>Deficiency 3:</b> (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)
<b>Corrective Action Plan:</b> (this section to be completed by the facility to indicate how the deficiencies will be corrected)
<b>Deficiency 4:</b> (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)
<b>Corrective Action Plan:</b> (this section to be completed by the facility to indicate how the deficiencies will be corrected)
<u>Deficiency 5</u> : (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 t	he facility to indicate how the deficiencies will be corrected)
<b>Deficiency 7:</b> (Cite 641 IAC Chapter 15 violation and manner	r in which the facility failed to comply)
Corrective Action Plan: (this section to be completed by t	the facility to indicate how the deficiencies will be corrected)
<b>Deficiency 8:</b> (Cite 641 IAC Chapter 15 violation and manne	r in which the facility failed to comply)
Corrective Action Plan: (this section to be completed by t	the facility to indicate how the deficiencies will be corrected)
<b>Deficiency 9:</b> (Cite 641 IAC Chapter 15 violation and manne	r 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)
<b><u>Deficiency 10:</u></b> (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 t	the facility to indicate how the deficiencies will be corrected)
*** Additional identified deficiencies may be listed on at	tached pages.
The deficiencies noted during the inspection shall be add original signed copy of this document to:	Iressed by completing this Corrective Action Plan within days and submitting an
A 8	ohnson County Public Health attn: 155 S. Dubuque St.; Suite 217 owa City, IA 52240
Pool Representative:	Date: Page 7 of 7

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

