

# 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 #			
Facility Name: Re			egistr	gistration # Pool				
Facility Physical Address: Re			Registration # Other					
			ounty	: Johnson		State:	Zip:	
Person Contacted: E-N				Mail:				1
Name of CPO(s)			,					
CHEMICAL FEED S	SYSTEMS AND SECOND	ARY DISINFECTANT						
Disinfection make	and model #:							
Type:								
☐ Bromine ☐ Ti	richlor 🔲 Calcium Hyp	ochlorite Sodium Hy	ypochlorite 🔲 Li	ithium	Hypochlorite 🔲 Cl (gas	s) 🗌 Other:		
WATER CHEMISTI	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	Control ORP 700 pH 7.2-	-880	Spa Temperature <= 104°
ey: S = Satisf	actory U = Unsat	isfactory N/A =	Not Applicable	•				
ACILITY RECORDS	<u>5</u>			6.		: Certified ope	erator, lifeg	guard, first-aid, & CPF
			7.		2) & 15.51(5)	<b>e(2):</b> Mont	thly microbiological	
. In the correct range (or closures noted when			8.	<b>-</b> -			ty maintains reports orts submitted as	
out of range).  15.4(2)e(1)-(6): Swimming pool: ORP and pH at opening and every 4 hours; free Cl (Br) 2x daily; combined Cl, total			9.	required.  15.4(6)f(chemical additions, in			s & quantities of	
alkalinity and cyanuric acid weekly; calcium hardness & bacteria testing monthly.				10.	`	5) & 15.51(5)	<b>e(6):</b> Dates	when filters were
. D 15.4(4)h(1)3 & 15.51(4)f(2)3: Submerged outlet (VGB) certification of compliance (main drain, equalizer, feature outlets,			11.		6) & 15.51(5)	<b>e(8):</b> GFCI	receptacles & breake	
etc.) is on-site.			12.		7) & 15.51(5)	<b>e(9):</b> MSDS	for chemicals on-sit	
			13.		1)-(6) & 15.51	L(5)g(1)-(6)	: Operations manual	

FAC	ILITY 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
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.	<b>15.4(4)j(1):</b> Depth markers within 3ft from edge of
	emergencies, and other serious incidents) reviewed annually by		pool.
4 -	staff, and date(s) of review recorded.	23.	L L 15.4(4)j(2): Depth markers in 1ft depth intervals and not more than 25ft apart in shallow water.
15.	15.4(6)m: Lifeguard staffing plan, including diagram(s)	24.	☐ ☐ 15.4(4)j(3): Depth markers not more than 25ft apart
16.	of zones of surveillance responsibility.  15.51(2)e(3):Spa temperature recorded when water		around the deep end of swimming pool.
10.	quality testing is done (104° or less-closures noted when out of temp		☐ ☐ 15.4(4)j(6): "No Diving" marked in areas where diving
	range).		is not permitted (not more than 25ft apart).
17.			☐ ☐ 15.4(4)j(7): Letters, numbers & graphics marked on
	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;		☐ ☐ 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.	20	projections or obstructions.
			☐ ☐ 15.4(4)I(2) & 15.51(4)k(2): Fence, wall, or other means of enclosure has no openings greater than 4 inches.
PO	DL/DECK/SURROUNDING AREA	30.	☐ ☐ 15.4(4)I(1) & 15.51(4)k(1): Pool enclosed by a fence,
1.	S U N/A  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.
1.	adjusting weirs and removable baskets.		☐ ☐ 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.		inches.
3.	☐ ☐ 15.4(3)b(1) & 15.51(3)b(1): Pool/spa does not require	32.	☐ 15.4(4)I(3) & 15.51(4)k(3): A gate at least 36 inches
	cleaning.		wide provided for emergency purposes.
4.	☐ ☐ 15.4(4)b(1): Ladders or recessed steps provided in the	33.	<b>15.4(4)I(4) &amp; 15.51(4)k(3):</b> Gates lockable.
	deep portion of pool. Stairs, ladders, recessed steps, or ramps	34.	
	provided in the shallow portion if more than 2ft deep.		closing and self-latching (where lifeguards are not provided).
5.	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 3ft high if there are sleeping rooms, hallways, apartments,
c	are securely anchored.		condominiums or permanent recreation areas used by children that
6.	<b>15.4(4)b(3):</b> The vertical rails of a ladder are 3" to 6" 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.	☐ ☐ 15.4(4)b(6)-(7): Recessed steps, stairs, or ramps have		serving the outlet.
	securely anchored grab rails or handrails.		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 underwater lights) are functional.
4.4	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
11.	<b>15.4(4)e</b> : Elevated lifeguard chairs (where required) are provided.		signs posted at two locations (No Diving, No Rough Play, No
12.	15.4(4)f(1): Required lifesaving equipment provided.		Running)
13.	15.4(4)f(4): First-aid kit containing bandages, 4x4	40.	
	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.	☐ ☐ 15.4(4)f(5):Spine board provided (facilities with	41.	☐ ☐ 15.5(4)h & 15.51(4)h(3): At least one hose bib
	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.	<b>15.4(1)d(2) &amp; 15.51(1)g(2):</b> Vacuum breaker backflow preventers provided on all hose bibs on the deck.
16.	15.4(4)g & 15.51(4)e: Pool/spa water levels	43.	In the series of the deck.     In the deck.
17.	maintained at the skimming level.  15.4(4)h & 15.51(4)f: Fully submerged outlets not		sign posted to prevent use by the public during general use periods
17.	missing or broken.	44.	15.5(4)d & 15.52(4)b: The decks drain away from the
18.	15.4(4)h(4) & 15.51(4)f (5): Skimmer equalizer		swimming pool/spa (built or reconstructed since March 10, 1993).
-5.	openings VGB compliant or the equalizers plugged.	45.	☐ ☐ 15.5(13)f(3): Where pool depth changes from shallow
19.	☐ ☐ 15.4(4)i(1): The bottom and sides of pool are white or		to deep, a 4 inch wide stripe is marked (floor and wall) at 5 feet
	light color.		depth (built or reconstructed since March 14, 1990).
20.	☐ ☐ 15.4(4)i(3): The shallow & deep water (5ft) or change	46.	
	in slope is marked by a float line with floats spaced no more than 5ft		safe, sanitary manner.

apart.

<u>SPA</u>	<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  D 15.4(1)a & 15.51(1)a: Filtration system is in good
	104°F.		working condition.
2.	<b>15.51(4)I:</b> 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
-	posted.	-	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
5.	numbers 3in high).  15.52(12)a: A spa has at least one stairway, ramp,	5.	after) filter pump  15.4(1)c & 15.51(1)f: Wastewater and backwash is
J.	ladder or set of recessed steps designating a point of entry (built or	٦.	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 March 10, 1993).	7.	principle backflow device.  15.4(1)d(2) & 15.51(1)g(2): Vacuum breaker backflow
7.	☐ ☐ <b>15.52(12)c:</b> An emergency shutoff switch near the spa		preventers provided on hose bibs in mechanical room.
	(built or reconstructed since 1999).	8.	15.4(1)e(1) & 15.51(1)h(1): Electric water heaters
	2002	•	have UL seal.
<u>WA</u>	DING Pools S U N/A	9.	In 15.4(1)e(2) & 15.51(1)h(2): Gas-fired heaters have AGA seal and equipped with a pressure relief valve.
1.	15.4(4)h: Fully submerged outlets not missing or	10.	☐ ☐ 15.4(1)e(3) & 15.51(1)h(3): Fuel-burning water
	broken.		heaters are vented to the outside.
2.	15.4(4)h(1)2: Fully submerged outlet covers/grates not removable without the use of tools.	11.	L L 15.4(1)e(4) & 15.51(1)h(4): Rooms with fuel-burning equipment has opening(s) to the outside for providing combustion
3.	☐ ☐ 15.4(4)I(4): Wading pool within 50 ft of a pool has a		air.
	barrier at least 36 inches high separating it from the pool or has	12.	☐ ☐ 15.4(2)g: Knowledgeable person in testing
	written alternate management plan on-site.		water/operating water treatment equipment available when pool is
4.	<b>15.4(4)I(5):</b> Gates/doors are self-closing and self-latching (where lifeguards are not provided).	13	open for use.  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	10.	pool/spa facility has water testing equipment for free chlorine &
	accompanied by an adult) sign posted at each wading pool entry		combined chlorine, or total bromine; pH; total alkalinity; calcium
c	where lifeguards are not provided.  15.4(4)j(4):Maximum depth of wading pool at each	1.1	hardness; & cyanuric acid.
6.	entrance and one location inside enclosure (letters or numbers 3in	14.	☐ ☐ 15.4(2)f(4)-(5) & 15.51(2)f(4)-(5): ORP/pH controller with numerical analog or digital display
	high).	15.	☐ ☐ 15.4(3)a(1) & 15.51(3)a(1): Continuous disinfection
			feed equipment installed and operational.
DIV	ING BOARDS S U N/A	16.	15.4(3)a(2) & 15.52(11)h: Continuous pH chemical feed equipment installed and operational (built or reconstructed
1.	15.4(4)c(6): Diving boards/platforms have slip-		since July 1, 1998).
	resistant surfaces.	17.	<b>15.4(3)b(2):</b> A vacuum cleaning system is provided.
2.	<b>15.4(4)c(8)-(9):</b> Diving board handrails and guard rails	18.	15.4(6)j & 15.51(5)i: A schematic drawing of the
3.	present and secure.  15.4(4)c(10): Diving board supports, platforms &		recirculation system is posted or clear labeling of piping with flow direction and water status (unfiltered, treated, backwashed).
	steps have no obvious visual structural problems.		
\A/A	TER CLIDES	CHE	EMICAL STORAGE
WA	TER SLIDES S U N/A	1.	S U N/A  15.4(4)a(2) & 15.51(4)a(2): Swimming pool/spa
1.	☐ ☐ 15.4(4)d(5): Water slide has a lifeguard (or shallow		chemicals properly stored & handled.
_	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.		3.	containers clearly labeled.  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	٥.	warning placed at the entrances to rooms where chemical are used
	and continuous.		or stored.
4.	<b>15.4(4)o(3):</b> 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 position.	5.	submerged outlet that is not unblockable is equipped with a SVRS.  15.4(4)m(2)2 & 15.51(4)j(4)2: Underwater lights more
5.	☐ ☐ <b>15.4(6)e (1)-(6):</b> Water slide rules are posted near the		than 15 V equipped with a GFCI.
_	slide.	6.	15.5(11)g: Sodium hypochlorite tanks larger than 55
6.	<b>15.5(17)b(1):</b> Plunge pool depth is at least 3ft and no more than 4ft .		gallons have secondary containment (built or reconstructed since May 4, 2005).
7.	☐ ☐ 15.5(17)b(4): Landing area for a water slide is		may 7, 2003).
	designated by a float line or a painted area.		

CHLORINE GAS	8. <b>15.4(1)d(2) &amp; 15.51(1)g(2):</b> Vacuum breaker backflow
S U N/A  1.	preventers provided on all hose bibs in the bathhouse.
<ol> <li>15.4(4)n(1)1: Chlorine gas room has an exhaust system.</li> <li>15.4(4)n(1)2: An air intake provided near the ceiling.</li> <li>15.4(4)n(1)3: The exhaust fan shall be operated from a switch labeled "Chlorine Exhaust Fan" in a nearby location outside the chlorine room or building.</li> <li>15.4(4)n(1)4: Discharge from exhaust system outside of pool enclosure</li> <li>15.4(4)n(1)5: Artificial lighting provided in chlorine room</li> <li>15.4(4)n(1)7: A plastic bottle of commercial strength ammonia solution for leak detection.</li> <li>15.4(4)n(2)1: Chlorine gas cylinders are individually anchored with safety chains or straps</li> <li>15.4(5): Showers, dressing rooms &amp; sanitary facilities are clean &amp; free of debris.</li> <li>15.4(5)a-b: Floors slip-resistant and maintained without standing water.</li> <li>15.4(5)c: Carpet not in wet areas of the bathhouse/dressing area.</li> <li>15.4(5)d: Lavatories, showers &amp; sanitary facilities functional.</li> <li>15.4(5)e: Soap at each lavatory and indoor shower</li> </ol>	SPRAY PADS S U N/A  1.
fixtures.  6.	IOWA SMOKEFREE AIR ACT  S U  1. Iowa Code §142D: No violations observed (No evidence of smoking in prohibited areas, no ashtrays present, signs posted at entrances)
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.

Pool/Spa Representative	Date
J. M. Ana	
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.
<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)
<b>Deficiency 5:</b> (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)
<u>Deficiency 7</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 t	he 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>Deficiency 10:</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	he facility to indicate how the deficiencies will be corrected)
*** Additional identified deficiencies may be listed on at The deficiencies noted during the inspection shall be add original signed copy of this document to:	tached pages.  Iressed by completing this Corrective Action Plan within days and submitting an
J. A 8	ohnson County Public Health httn: 55 S. Dubuque St.; Suite 217 owa 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)
<b>Deficiency 12:</b> (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)
<b>Deficiency 13:</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 14:</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)
<b>Deficiency 15:</b> (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)
<b>Deficiency 16:</b> (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)