

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	n:				ation # I Spa Other			
Facility Name: Re			egistr	tration #				
				ty:	·		Zipcode:	
Person Contacted: E-N				Mail:			1	
Manager on Duty: E-I				Mail:				
Name of CPO(s): E-N				-Mail:				
CHEMICAL FEED S	SYSTEMS AND SECOND	ARY DISINFECTANT	-					
Disinfection make	e and model #:							
Type:								
	richlor Calcium Hyp	ochlorite Sodium Hy	machlarita 🔲 I	i+hium	n Hypochlorite 🔲 CI (gas	a) \Box	Other:	
		ocilionte 🔲 socium ny	ypocilionite 🔲 L	ittiiuii	r nypociliorite	s) L	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	OR	ontroller P 700-880 H 7.2-7.8	Spa Temperature <= 104°
ey: S = Satisf	factory U = Unsat	isfactory N/A =	Not Applicable	.				•
ACILITY RECORDS	<u>S</u>			6.		: Certifi	ed operator, li	ifeguard, first-aid, & CPF
S U N/A .			7.		2) & 15	.51(5)e(2): Mo	onthly microbiological	
registered. D D 15.4(2)a(1)-(6) & 15.51(2)a(1)-(6):Water quality			8.				cility maintains reports o	
readings recorded are in the correct range (or closures noted when out of range).			•	complaints, accidents, required.				
. D 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.	chemical additions, in	cluding	resupply of cl	•	
alkalinity and cyanuric acid weekly; calcium hardness & bacteria testing monthly.			10.	15.4(6)f(backwashed, cleaned,			tes when filters were vas changed.	
15.4(4)h(1)3 & 15.51(4)f(2)3: Submerged outlet (VGB)			11.		6) & 15	.51(5)e(8) : GF	CI receptacles & breake	
certification of compliance (main drain, equalizer, feature outlets, etc.) is on-site.			12.	☐ ☐ ☐ 15.4(6)f(7) & 15	. 51(5)e(9): MS	SDS for chemicals on-sit	
. [] [] 15.4(4)h(3)1-3 & 15.51(4)f(4)1-3: SVRS product information that demonstrates compliance is on-site. SVRS tested			13.		1)-(6) 8	15.51(5)g(1)-	(6): Operations manual	
monthly and the test date(s) recorded.				on-site (water testing	procedi	ures, backwas	h, vacuuming, etc.).	

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.		22	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 pool.
	emergencies, and other serious incidents) reviewed annually by staff, and date(s) of review recorded.	23.	15.4(4)j(2): Depth markers in 1ft depth intervals and
15.	15.4(6)m: Lifeguard staffing plan, including diagram(s)	25.	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
16.	☐ ☐ 15.51(2)e(3):Spa temperature recorded when water		around the deep end of swimming pool.
	quality testing is done (104° or less-closures noted when out of temp	25.	15.4(4)j(6): "No Diving" marked in areas where diving
	range).	20	is not permitted (not more than 25ft apart).
1/.	15.51(2)e(1)-(8): Spa: ORP and pH at opening and every 2 hours; free Cl (Br) and temperature 2x daily+; combined Cl	26.	☐ ☐ 15.4(4)j(7): Letters, numbers & graphics marked on 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.	20	projections or obstructions.
		29.	means of enclosure has no openings greater than 4 inches.
POC	DL/DECK/SURROUNDING AREA 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.	15.4(3)b(1) & 15.51(3)b(1): Pool/spa does not require	32.	
4.	cleaning. 15.4(4)b(1): Ladders or recessed steps provided in the	33.	15.4(4)I(4) & 15.51(4)k(3): Gates lockable.
→.	deep portion of pool. Stairs, ladders, recessed steps, or ramps	34.	☐ ☐ 15.4(4)I(5) & 15.51(4)k(4): Gates/doors are self-
	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
	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 open directly into the swimming pool area.
	from the pool wall. The bottom end of ladder is within one inch of 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.	
_	ladders, ramps, or stairs installed on each side.		pool deck equipped with (GFCI) at the outlet or at the breaker serving the outlet.
9.	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
10.	securely anchored grab rails or handrails. 15.4(4)b(8): Stairs have slip resistant color contrasting		for indoor or outdoor pools/spas used after sunset (overhead and/or
	stripe at least 1 inch wide marked at the leading edge of each tread.		underwater lights) are functional.
11.	15.4(4)e: Elevated lifeguard chairs (where required)	39.	☐ ☐ 15.4(6)b(1)-(3) & 15.51(5)b(1)-(8): Legible pool rules
	are provided.		signs posted at two locations (No Diving, No Rough Play, No
12.	15.4(4)f(1): Required lifesaving equipment provided.	40.	Running) 15.4(6)d(1): 'No Lifeguard' (Children under 12 must be
13.	15.4(4)f(4): First-aid kit containing bandages, 4x4 bandage compress, self-adhering gauze bandage, disposable gloves	40.	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
	lifeguards)		provided for flushing the deck(built or reconstructed since March 14,
15.		42.	1990). 15.4(1)d(2) & 15.51(1)g(2): Vacuum breaker backflow
16	telephone with instruction. Signage posted as required. 15.4(4)g & 15.51(4)e: Pool/spa water levels	42.	preventers provided on all hose bibs on the deck.
10.	maintained at the skimming level.	43.	☐ ☐ 15.4(4)c(2): 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.	☐ ☐ 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	4-	swimming pool/spa (built or reconstructed since March 10, 1993).
10	openings VGB compliant or the equalizers plugged.	45.	15.5(13)f(3): Where pool depth changes from shallow to deep, a 4 inch wide stripe is marked (floor and wall) at 5 feet
19.	15.4(4)i(1): The bottom and sides of pool are white or light color.		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 5ft		safe, sanitary manner.

apart.

SPA		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
2.	104°F. 104°F. 15.51(4)I: Agitation system control out of reach of	2.	working condition.
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.	L L 15.51(5)c: Maximum spa depth posted (letters or numbers 3in high).	4.	15.4(1)b(2) & 15.51(1)b: Pressure gauges (before an after) filter pump
5.	☐ ☐ 15.52(12)a: A spa has at least one stairway, ramp,	5.	☐ ☐ 15.4(1)c & 15.51(1)f: Wastewater and backwash is
	ladder or set of recessed steps designating a point of entry (built or reconstructed since March 14, 1990).	6.	discharged through an air break or air gap. 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 rails, one on each side of the steps (built or reconstructed since		pool/spa is discharged to the system through an air gap or a reduce principle backflow device.
	March 10, 1993).	7.	15.4(1)d(2) & 15.51(1)g(2): Vacuum breaker backfloo
7.	[8.	preventers provided on hose bibs in mechanical room. 15.4(1)e(1) & 15.51(1)h(1): Electric water heaters
	(Suit of reconstructed since 1999).		have UL seal.
<u>WA</u>	A <u>DING Pools</u> S U N/A	9.	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
2.	broken. 15.4(4)h(1)2: Fully submerged outlet covers/grates	11.	heaters are vented to the outside.
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.	☐ ☐ 15.4(2)g: Knowledgeable person in testing
4.	written alternate management plan on-site. 15.4(4)I(5): Gates/doors are self-closing and self-		water/operating water treatment equipment available when pool i 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.	☐ ☐ 15.4(6)d(1): '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
6.	where lifeguards are not provided. 15.4(4)j(4):Maximum depth of wading pool at each	14.	hardness; & cyanuric acid.
0.	entrance and one location inside enclosure (letters or numbers 3in	14.	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	VING BOARDS	16.	☐ ☐ 15.4(3)a(2) & 15.52(11)h: Continuous pH chemical
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).
2	resistant surfaces. 15.4(4)c(8)-(9): Diving board handrails and guard rails	17.	15.4(3)b(2): A vacuum cleaning system is provided.
2.	present and secure.	10.	15.4(6)j & 15.51(5)i: A schematic drawing of the 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).
		CH	EMICAL STORAGE
WA	<u>ATER SLIDES</u> 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 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.
3.	obvious structural defects. 15.4(4)o(2): The walkable surface of flume is smooth	3.	warning placed at the entrances to rooms where chemical are used
	and continuous.		or stored.
4.	15.4(4)o(3): The walkable surface of flume has no sharp edges within reach of a user while in the proper sliding	4.	☐ ☐ 15.4(4)h(3)& 15.51(4)f(4):A pool/spa with a single 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.	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 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 designated by a float line or a painted area.		-, ,
	designated by a float fine of a painted area.		

<u>CHLORINE GAS</u>	8.
S U N/A	preventers provided on all hose bibs in the bathhouse.
1. L I 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. 15.4(4)n(1)3: The exhaust fan shall be operated from	1.
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.	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. 15.5(19)d: Spray pads drains shall be gravity outlets.
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. To 15.4(5)a-b: Floors slip-resistant and maintained	6.
without standing water.	recirculation treatment system and play feature pump and piping
3.	system shall be separate.
bathhouse/dressing area.	7.
	play feature pump system shall be designed so that it will not
	operate if the recirculation system in not operating.
functional.	operate if the recirculation system in not operating.
5 15.4(5)e: Soap at each lavatory and indoor shower	Janua Carayerane Ara Ara
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. Lowa Code §142D: No violations observed (No evidence of
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).	
Commonute /Docommon detion of	
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
A TUE	
JCPH Representative	Date
By checking this box, I understand and acknowledge that if the Correct a special inspection may be conducted and a fee of \$200 will be applied Pool/Spa Representative Initials	

*The inspectior 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.
<u>Deficiency 1</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 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)
<u>Deficiency 3</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)
<u>Deficiency 4</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)
<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)

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Corrective Action Plan: (this section to be completed by	y the facility to indicate how the deficiencies will be corrected)
Deficiency 7: (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)
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)
Deficiency 9: (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 mar	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 The deficiencies noted during the inspection shall be ac original signed copy of this document to:	attached pages. 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)
<u>Deficiency 16:</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 11: (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)