

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: 8/4/2	2		egistration# Pool ☐ Spa ☐ Other	5P-52-052	
Facility Name:	.\ \	. A	D	egistration #		
No.	orth riper	ty Aquatic	center 1	Pool Spa Other		
Facility Physical A	aaress:		J Re	egistration# Pool 🏻 Spa 🔲 Other		
52 ₀	W. Cher	in st		ounty: Johnson	State:	Zip:
North	1 Liberty.	IA		Janty. Johnson	IA	'
Person Contacted: ASh I			E-	E-Mail: abjort@northlibertiona.org		
Name of CPO(s)	1 /) ~		·····	,	
L As	<u>shley "Bj.</u>	.vk				
CHEMICAL FEED S	SYSTEMS AND SECOND	ARY DISINFECTANT				
Disinfection make		*				
	olsar Preci	· >10N			· .	
Type:			-			
Bromine TT	richlor 🔽 Calcium Hvo	ochlorite Sodium Hv	pochlorite \Box Li	thium Hypochlorite 🔲 Cl (ga	s) 🗌 Other:	<u> </u>
	,					
WATER CHEMIST	RY					
Type (Pool, Spa,	Free Chlorine	Bromine	рН	Cyanuric Acid	Controller	Spa Temperature
Plunge Pool, etc.)	Pool 1.0-8.0	Pool 2.0-18.0	Pool 7.2-7.8	Pool 0-40	ORP 700-880	<= 104°
	Spa 2.0-8.0	Spa 4.0-18.0	Spa 7.2-7.8	Spa 0- 40	pH 7.2-7.8	
Indoor Pro	1.96	Tel 280	7.4	41K - 168	821	
nutdoor Pool	1.67	70 2.60	7.5	Aik_ 141	742	
						<u> </u>
Key: S = Satisfa	actory U = Unsat	isfactory N/A =	Not Applicable			
FACILITY RECORDS					: Certified operator, lit	feguard, first-aid, & CPR
SUN/A	O(4) The audinomina na			certificates. 7.	(2) & 15.51(5)e(2): Ma	أومئهما مثمامية سيناطع
1. ايا الحال 15 regjstered.	i.9(1) The swimming po	oor or spa is currently		7. 15.4(6)fo	(z)-& 15.51(5)e(z): IVIO	nuniy microbiologicai
	i.4(2)a(1)-(6) & 15.51(2	!)a(1)-(6):Water quality			(3) & 15.51(5)e(4): Fac	ility maintains reports of
		nge (or closures noted		complaints, accidents,		•
out of range).				•		
3.				9. 15.4(6)f		
opening and every 4 hours; free CI (Br) 2x daily; combined CI, total				chemical additions, including resupply of chemical feed systems.		
alkalinity and cyanuric acid weekly; calcium hardness & bacteria testing monthly.			10.			
4.			11.			
		, equalizer, feature out		are tested at least 1x/		· · · · · · · · · · · · · · · · · · ·
etc, is on-site.			-	12. 🗹 🗌 15.4(6)f	(7) & 15.51(5)e(9): MS	DS for chemicals on-site,
)f(4)1-3; SVRS product		reviewed annually, an		
	-	ance is on-site. SVRS te	sted			(6): Operations manual
monthly and the	e test date(s) recorded	•		on-site (water testing	procedures, backwash	i, vacuuming, etc.).

FA	CILITY RECORDS CONT.	21.	15.5(18)c: Each section of a multi-section pool is
	<u>N/A</u> لا <u>ر S</u>		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.	15.4(4)j(2): Depth markers in 1ft depth intervals and
15	15.4(6)m: Lifeguard staffing plan, including diagram(s)		not more than 25ft apart in shallow water.
	of zones of surveillance responsibility.	24	15.4(4)](3): Depth markers not more than 25ft apart
16		27.	
10.	15.51(2)e(3):Spa temperature recorded when water	25	around the deep end of swimming pool,
	quality testing is done (104° or less-closures noted when out of temp	25.	☐ ☐ 15.4(4)](6): "No Diving" marked in areas where diving
	range).		is not permitted (not more than 25ft apart).
17.	☐ ☐ 15.51(2)e(1)-(8): Spa: ORP and pH at opening and	26.	15.4(4)j(7): Letters, numbers & graphics marked on
	every 2 hours; free Cl (Br) and temperature 2x daily+; combined Cl		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.			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.
	Bai 1x every timee weeks.	20	15.4(4)l(2) & 15.51(4)k(2): Fence, wall, or other
		29.	
PO	OL/DECK/SURROUNDING AREA	2.0	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.		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
٥.	cleaning.		wide provided for emergency purposes.
,		33	15.4(4)(4) & 15.51(4)k(3): Gates lockable.
4.	15.4(4)b(1): Ladders or recessed steps provided in the		
	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-
	proyided 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
	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,		pook
8.		37	☐ ☐ 15.4(4)m (1) & 15.51(4)j(1): Electrical outlets serving
o.	15.4(4)b(5): Pool over 30ft wide have recessed steps,	37.	pool deck equipped with (GFCI) at the outlet or at the breaker
	ladders, ramps, or stairs installed on each side.		
9.	15.4(4)b(6)-(7): 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/or
	stripe at least 1 inch wide marked at the leading edge of each tread.		underwater lights) are functional.
1 1.	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.		Running) /
	15.4(4)f(4): First-aid kit containing bandages, 4x4	40.	15.4(6)d(1): 'No Lifeguard' (Children under 12 must be
	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.
11			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		
	lifeguards)		provided for flushing the deck(built or reconstructed since March 14,
1 5.	☐ ☐ 15.4(4)f(6) & 15.51(4)d: A designated emergency	••	1990).
	telephone with instruction. Signage posted as required.	42.	(,)(,)
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.	☐ 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.		☐ 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).
	openings VGB compliant or the equalizers plugged.	45.	
10	☐ 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
±.,7.			depth (built or reconstructed since March 14, 1990).
20	light color.		
2 0.	15.4(4)i(3): The shallow & deep water (5ft) or change		E E E E E E E E E E E E E E E E E E E
	in slope is marked by a float line with floats spaced no more than 5ft		safe, sanitary manner.

apart.

SP.	<u>A</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
2.	104°F. 104°F. 104°F. 104°F. 104°F. 105°F. 105°F.	2.	working condition. 1. 15.4(1)b(1) & 15.51(1)c: The recirculation system is operating continuously (except for backwashing or servicing).
3.	persons and timer is 10 minutes or less.	3.	meter(s) are functional.
4.	15.51(5)c: Maximum spa depth posted (letters or numbers 3in high).	4.	The territorial are functional. 15.4(1)b(2) & 15.51(1)b: Pressure gauges (before and 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.
6.	reconstructed since March 14, 1990). 15.52(12)a(1)2: Spa stair steps have two hand/grab	6.	D 15.4(1)d(1) & 15.51(1)g(1): Water supplied to a 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, 1998).	7.	principle backflow device. 15.4(1)d(2) & 15.51(1)g(2): Vacuum breaker backflow
7.	[] [] 15.52(12)c: An emergency shutoff switch near the spa (built or reconstructed since 1999).	8.	preventers provided on hose bibs in mechanical room. 15.4(1)e(1) & 15.51(1)h(1): Electric water heaters have UL seal.
- <u>W</u>	ADING Pools	9.	15.4(1)e(2) & 15.51(1)h(2): Gas-fired heaters have
	S U N/A		AGA seal and equipped with a pressure relief valve.
1.	15.4(4)h: Fully submerged outlets not missing or broken.	10.	☐ ☐ 15.4(1)e(3) & 15.51(1)h(3): Fuel-burning water heaters are vented to the outside.
2.	15.4(4)h(1)2: Fully submerged outlet covers/grates	11.	15.4(1)e(4) & 15.51(1)h(4): Rooms with fuel-burning
	not removable without the use of tools.		equipment has opening(s) to the outside for providing combustion
3.	☐ ☐ 15.4(4)1(4): 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.	The state of the s		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.	☐ ☐ 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	10	with numerical analog or digital display 15.4(3)a(1) & 15.51(3)a(1): Continuous disinfection
	high).	13,	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.	15.4(4)c(6): Diving boards/platforms have slip-resistant surfaces.	17.	sinco-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.	15.4(4)c(10): Diving board supports, platforms & steps have no obvious visual structural problems.		direction and water status (unfiltered, treated, backwashed).
	steps have no obvious visual structural problems.	CHE	MICAL STORAGE
WA	TER SLIDES		S JU N/A
1.	S U N/A 1 15.4(4)d(5): Water slide has a lifeguard (or shallow	1.	Light In 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.
_	obyfious 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		submerged outlet that is not unblockable is equipped with a SVRS.
5.	position. 15.4(6)e (1)-(6): Water slide rules are posted near the	5.	15.4(4)m(2)2 & 15.51(4)J(4)2: Underwater lights more
J.	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.		

the chlorine room or building. 4.	CHLORINE GAS	8.
2.		
Providing has excellent procedures in place Observed a rescue incident white on site and witnessed pool staff do a great job in response.	 15.4(4)n(1)2: An air intake provided near the ceiling. 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. 15.4(4)n(1)4: Discharge from exhaust system outside of pool enclosure 15.4(4)n(1)5: Artificial lighting provided in chlorine room 15.4(4)n(1)7: A plastic bottle of commercial strength ammonia solution for leak detection. 15.4(4)n(2)1: Chlorine gas cylinders are individually anchored with safety chains or straps 15.4(5): Showers, dressing rooms & sanitary facilities are clean & free of debris. 15.4(5)a-b: Floors slip-resistant and maintained without standing water. 15.4(5)c: Carpet not in wet areas of the bathhouse/dressing area. 15.4(5)d: Lavatories, showers & sanitary facilities functional. 15.4(5)e: Soap at each lavatory and indoor shower fixtures. 15.4(4)m(1) & 15.51(4)j(1): Electrical outlets in the public dressing, lavatory, and shower areas are protected by GFCI receptacles at the outlet or breaker serving the outlet. 	1.
	No violatino observed on Facility has excellent proced Observed a rescue incident witnessed pool staff d	- white on site and

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
- 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
- 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
- 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
- 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.

*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

NOTIFICATION OF DEFICIENCIES AND REQUEST FOR CORRECTIVE ACTION

Enforcement 641 15.6(1351)

Da	cility Name: ate of Inspection: spector:	/A
res sec	spond within days of receipt of this notice to the ction(s) below with an explanation of how the deficient	in the inspection report that need a Corrective Action Plan. Please de identified deficiencies by completing the Corrective Action Plan cies will be corrected and the timeframe. If a deficiency cannot be correction. Failure to respond within the required timeframe may at 10 Iowa Code 135I and 641 IAC 15.6.
<u>De</u>	ficiency 1: (Cite 641 IAC Chapter 15 violation and manner in which	the facility failed to comply)
Со	rrective Action Plan: (this section to be completed by the facility	to indicate how the deficiencies will be corrected)
<u>De</u>	ficiency 2: (Cite 641 IAC Chapter 15 violation and manner in which	the facility failed to comply)
Co	rrective Action Plan: (this section to be completed by the facility	to indicate how the deficiencies will be corrected)
<u>De</u>	ficiency 3: (Cite 641 IAC Chapter 15 violation and manner in which	the facility failed to comply)
Coi	rrective Action Plan: (this section to be completed by the facility	to indicate how the deficiencies will be corrected)
<u>De</u>	ficiency 4: (Cite 641 IAC Chapter 15 violation and manner in which	the facility failed to comply)
Coi	rrective Action Plan: (this section to be completed by the facility	to indicate how the deficiencies will be corrected)
De	ficiency 5: (Cite 641 IAC Chapter 15 violation and manner in which	the facility failed to comply)
Cor	rrective Action Plan: (Cite this section to be completed by the fa	acility to indicate how the deficiencies will be corrected)