Johnso	ohnson County SWIMMING POOL/SPA				LOCAL INSPECTION AGENCY:												
30																	
Public Health INSPECTION REPORT				Johnson County Public Health 855 S. Dubuque St; Suite 217 Iowa City, IA 52240													
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									Data of Increation								
Date of Inspection:					Registration #SP52-073     Pool   Spa     Other												
Facility Name:				Registration #SP52-073													
Facility Physical Address:					Registration #												
City:					Pool     Spa     Other       County: Johnson     State:     Zip:												
ory.				IA				210.									
Person Contacted:				E-Mail:													
Name of CPO(s)																	
	SYSTEMS AND SECON																
Disinfection make		DART DISINFECTANT															
Disimection make	and model #.																
Туре:																	
Bromine T	richlor 🔲 Calcium Hyr	ochlorite 🗌 Sodium H	Avpochlorite	Lithium	n Hypochlorite 🛛 Cl (ga	as) 🗌 Other:											
WATER CHEMIST	1	· - ·	T														
Type (Pool, Spa, Plunge Pool, etc.)	Free Chlorine Bromine Pool 1.0-8.0 Pool 2.0-18.0		pH Pool 7.2-7.8		Cyanuric Acid Pool 0-40	Contro ORP 700	-	Spa Temperature <= 104°									
	Spa 2.0-8.0	Spa 4.0-18.0	Spa 7.2-7.8		Spa 0- 40	рН 7.2-	pH 7.2-7.8										
y: S = Satisf	actory U = Unsat	tisfactory N/A =	= Not Applicabl	е													
CILITY RECORDS	-	-		6.		: Certified on	erator life	eguard, first-aid, & CP									
S U N/A				certificates.													
Image:				7.	analyses results.	(2) & 15.51(5	)e(2): Mor	thly microbiological									
🔲 🔲 15.4(2)a(1)-(6) & 15.51(2)a(1)-(6):Water quality				8. 🗌 🔲 15.4(6)f(3) & 15.51(5)e(4): Facility maintains reports													
	led are in the correct r	ange (or closures note	d when		complaints, accidents	, injuries, & i	lness. Rep	orts submitted as									
out of range).           Image: Image is a straight of the straig					required. 9. 🗌 🔲 🔲 <b>15.4(6)f(4) &amp; 15.51(5)e(5):</b> Dates & quantities of												
opening and every 4 hours; free Cl (Br) 2x daily; combined Cl, total					chemical additions, including resupply of chemical feed systems.												
alkalinity and cyanuric acid weekly; calcium hardness & bacteria testing monthly.					10. <b>15.4(6)f(5) &amp; 15.51(5)e(6)</b> : Dates when filters were backwashed, cleaned, or a filter cartridge was changed.												
15.4(4)h(1)3 & 15.51(4)f(2)3: Submerged outlet (VGB)					11. 15.4(6)f(6) & 15.51(5)e(8): GFCI receptacles & break												
certification of compliance (main drain, equalizer, feature outlets, etc.) is on-site.					are tested at least 1x/month and dates of test dates recorded. 12. I 15.4(6)f(7) & 15.51(5)e(9): MSDS for chemicals on-si												

- 5. **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 monthly and the test date(s) recorded.
- reviewed annually, and date(s) of review recorded.
- 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.

S U N/A

- 14. I IIIII 15.4(6)I: A written emergency plan onsite (drowning, serious illness or injury, chemical-handling accidents, weather emergencies, and other serious incidents) reviewed annually by staff, and date(s) of review recorded.
- 15. **15.4(6)m:** Lifeguard staffing plan, including diagram(s) of zones of surveillance responsibility.
- 16. I 15.51(2)e(3):Spa temperature recorded when water quality testing is done (104° or less-closures noted when out of temp range).
- 17. 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 and cyanuric acid daily; total alkalinity weekly and at each fill; calcium hardness at each fill & bacteria testing monthly
- 18. 15.51(3)b(2): Spa drained, cleaned & refilled: 500 gal or less 1x week, 500 -2000 gal 1x every two weeks, more than 2000 gal 1x every three weeks.

## POOL/DECK/SURROUNDING AREA

- 1. adjusting weirs and removable baskets.
- **15.4(2)c & 15.51(2)c:** Grate clearly visible. Grate 2. openings visible in water less than 8ft deep.
- **15.4(3)b(1) & 15.51(3)b(1):** Pool/spa does not require 3. cleaning.
- 4. **15.4(4)b(1):** Ladders or recessed steps provided in the deep portion of pool. Stairs, ladders, recessed steps, or ramps provided in the shallow portion if more than 2ft deep.
- 5. **15.4(4)b(2) & 15.51(4)b(5):** Ladders and ladder rungs are securely anchored.
- **15.4(4)b(3):** The vertical rails of a ladder are 3" to 6" 6. 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.
- 7. 15.4(4)b(4) & 15.51(4)b(2): Steps, rungs, and ramps are slip resistant.
- **15.4(4)b(5):** Pool over 30ft wide have recessed steps, 8 ladders, ramps, or stairs installed on each side.
- **15.4(4)b(6)-(7):** Recessed steps, stairs, or ramps have 9. securely anchored grab rails or handrails.
- 10. 15.4(4)b(8): Stairs have slip resistant color contrasting stripe at least 1 inch wide marked at the leading edge of each tread.
- 11. **15.4(4)e:** Elevated lifeguard chairs (where required) are provided.

bandage compress, self-adhering gauze bandage, disposable gloves & chemical cold compress. Signage if required.

- lifeguards)
- 15. 15.4(4)f(6) & 15.51(4)d: A designated emergency telephone with instruction. Signage posted as required.
- 16. 15.4(4)g & 15.51(4)e: Pool/spa water levels maintained at the skimming level.
- 17. 15.4(4)h & 15.51(4)f: Fully submerged outlets not missing or broken.
- 18. 15.4(4)h(4) & 15.51(4)f (5): Skimmer equalizer openings VGB compliant or the equalizers plugged.
- 19. 15.4(4)i(1): The bottom and sides of pool are white or light color.
- 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.

- 21. **15.5(18)c:** Each section of a multi-section pool is separated from the other sections by a float line (built or reconstructed since March 10, 1993).
- 22. 15.4(4)j(1): Depth markers within 3ft from edge of pool.
- 23. 15.4(4)j(2): Depth markers in 1ft depth intervals and not more than 25ft apart in shallow water.
- 24. 15.4(4)j(3): Depth markers not more than 25ft apart around the deep end of swimming pool.
- 25. **15.4(4)j(6):** "No Diving" marked in areas where diving is not permitted (not more than 25ft apart).
- 26. 15.4(4)j(7): Letters, numbers & graphics marked on decks and slip resistant.
- 27. 15.4(4)k(1)-(3) & 15.51(4)h(1)-(4): Decks are slip resistant, have durable and cleanable surface, are free of litter, obstructions & tripping hazards.
- 28. **15.4(4)k(3) & 15.51(4)i:** No underwater or overhead projections or obstructions.
- 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.
- 30. 15.4(4)I(1) & 15.51(4)k(1): Pool enclosed by a fence, wall, building enclosure or combination not less than 4ft high.
- 31. 15.4(4)I(2) & 15.51(4)k(2): The distance between the ground & the top of the lowest horizontal support is at least 45 inches.
- 32. 15.4(4)I(3) & 15.51(4)k(3): A gate at least 36 inches wide provided for emergency purposes.
- **15.4(4)I(4) & 15.51(4)k(3):** Gates lockable. 33. 34. 15.4(4)I(5) & 15.51(4)k(4): Gates/doors are self-
- closing and self-latching (where lifeguards are not provided).
- 35. **15.4(4)I(5):** Indoor pool enclosed by barrier at least 3ft high if there are sleeping rooms, hallways, apartments, condominiums or permanent recreation areas used by children that open directly into the swimming pool area.
- 36. **15.4(4)I(6):** Wave pool has a continuous barrier at least 42 inches high along the full length of each side of the wave pool.
- 37. 15.4(4)m (1) & 15.51(4)j(1): Electrical outlets serving pool deck equipped with (GFCI) at the outlet or at the breaker serving the outlet.
- 38. 15.4(4)m(2) & 15.51(4)j(4): Artificial lighting provided for indoor or outdoor pools/spas used after sunset (overhead and/or underwater lights) are functional.
- 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 Running)
- 40. 15.4(6)d(1): 'No Lifeguard' (Children under 12 must be accompanied by an adult) sign posted at each swimming pool entry where lifeguards are not provided.
- 41. 🗌 📄 15.5(4)h & 15.51(4)h(3): At least one hose bib provided for flushing the deck(built or reconstructed since March 14, 1990).
- 42. 15.4(1)d(2) & 15.51(1)g(2): Vacuum breaker backflow preventers provided on all hose bibs on the deck.
- 43. **15.4(4)c(2):** Starting blocks removed, covered, or a sign posted to prevent use by the public during general use periods.
- 44. **15.5(4)d & 15.52(4)b:** The decks drain away from the swimming pool/spa (built or reconstructed since March 10, 1993).
- 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 depth (built or reconstructed since March 14, 1990).
- 46. **15.4 & 15.51:** A swimming pool/spa is operated in a safe, sanitary manner.

## <u>SPA</u>

- S U N/A
  1. D D I 15.51(4)c: Spa water temperature does not exceed 104°F.
- 2. **15.51(4)I:** Agitation system control out of reach of persons and timer is 10 minutes or less.
- 3. **15.51(5)b:** Spa rules sign (8 required stipulations) posted.
- 4. **I I 15.51(5)c:** Maximum spa depth posted (letters or numbers 3in high).
- 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 reconstructed since March 14, 1990).
- 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 March 10, 1993).
- 7. **15.52(12)c:** An emergency shutoff switch near the spa (built or reconstructed since 1999).

# WADING POOLS

# S U N/A

- 1. **I I I5.4(4)h:** Fully submerged outlets not missing or broken.
- 2. **15.4(4)h(1)2:** Fully submerged outlet covers/grates not removable without the use of tools.
- 3. **15.4(4)I(4):** Wading pool within 50 ft of a pool has a barrier at least 36 inches high separating it from the pool or has written alternate management plan on-site.
- 4. **15.4(4)I(5):** Gates/doors are self-closing and self-latching (where lifeguards are not provided).
- 5. **15.4(6)d(1):** 'No Lifeguard' (Children must be accompanied by an adult) sign posted at each wading pool entry where lifeguards are not provided.
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# DIVING BOARDS

- S<u>U</u>N/A
- 1. **I I 15.4(4)c(6):** Diving boards/platforms have slipresistant surfaces.
- 2. **15.4(4)c(8)-(9):** Diving board handrails and guard rails present and secure.
- 3. **15.4(4)c(10):** Diving board supports, platforms & steps have no obvious visual structural problems.

# WATER SLIDES

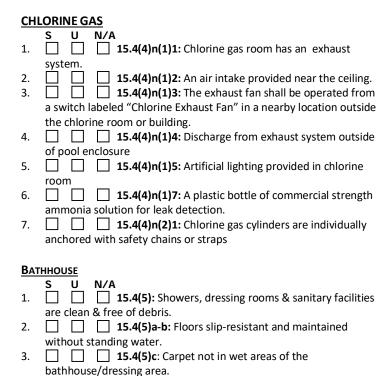
- <u>S</u>U<u>N/A</u>
- 1. **I I 15.4(4)d(5):** Water slide has a lifeguard (or shallow water guard where applicable) at the top and bottom of slide.
- 15.4(4)o(1): Water slide support structures are free of obvious structural defects.
- 3. **15.4(4)o(2):** The walkable surface of flume is smooth and continuous.
- 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 position.
- 5. **15.4(6)e (1)-(6):** Water slide rules are posted near the slide.
- 6. 15.5(17)b(1): Plunge pool depth is at least 3ft and no more than 4ft.
- 7. **15.5(17)b(4):** Landing area for a water slide is designated by a float line or a painted area.

## MECHANICAL ROOM

- <u>S\_U\_N/A</u>
- 2. D **15.4(1)b(1) & 15.51(1)c:** The recirculation system is operating continuously (except for backwashing or servicing).
- 3. **15.4(1)b(1) & 15.51(1)c:** The circulation system flow meter(s) are functional.
- 4. **15.4(1)b(2) & 15.51(1)b:** Pressure gauges (before and after) filter pump
- 5. **I I 15.4(1)c & 15.51(1)f:** Wastewater and backwash is discharged through an air break or air gap.
- 6. **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 principle backflow device.
- 7. **15.4(1)d(2) & 15.51(1)g(2):** Vacuum breaker backflow preventers provided on hose bibs in mechanical room.
- 8. I II.4(1)e(1) & 15.51(1)h(1): Electric water heaters have UL seal.
- 9. **G 15.4(1)e(2) & 15.51(1)h(2):** Gas-fired heaters have AGA seal and equipped with a pressure relief valve.
- 10. **15.4(1)e(3) & 15.51(1)h(3):** Fuel-burning water heaters are vented to the outside.
- 11. **15.4(1)e(4) & 15.51(1)h(4):** Rooms with fuel-burning equipment has opening(s) to the outside for providing combustion air.
- 12. **15.4(2)g:** Knowledgeable person in testing water/operating water treatment equipment available when pool is open for use.
- 13. D **15.4(2)f(1)-(3) & 15.51(2)f(1)-(3):** A swimming pool/spa facility has water testing equipment for free chlorine & combined chlorine, or total bromine; pH; total alkalinity; calcium hardness; & cyanuric acid.
- 15. **15.4(3)a(1) & 15.51(3)a(1):** Continuous disinfection feed equipment installed and operational.
- 16. **I I I5.4(3)a(2) & 15.52(11)h:** Continuous pH chemical feed equipment installed and operational (built or reconstructed since July 1, 1998).
- 17. D 15.4(3)b(2): A vacuum cleaning system is provided.
- 18. **15.4(6)j & 15.51(5)i:** A schematic drawing of the recirculation system is posted or clear labeling of piping with flow direction and water status (unfiltered, treated, backwashed).

# CHEMICAL STORAGE

- S U N/A
   1. 15.4(4)a(2) & 15.51(4)a(2): Swimming pool/spa chemicals properly stored & handled.
- 2. D 15.4(4)a(4) & 15.51(4)a(4): Chemical storage containers clearly labeled.
- 3. **15.4(4)a(5) & 15.51(4)a(5):** A chemical hazard warning placed at the entrances to rooms where chemical are used or stored.
- 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.
- 5. **15.4(4)m(2)2 & 15.51(4)j(4)2:** Underwater lights more than 15 V equipped with a GFCI.
- **15.5(11)g:** Sodium hypochlorite tanks larger than 55 gallons have secondary containment (built or reconstructed since May 4, 2005).



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- 5. **15.4(5)e:** Soap at each lavatory and indoor shower fixtures.
- 6. **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.
- 7. **15.5(21)e:** Hose bib(s) provided within the bathhouse (built or reconstructed since March 14, 1990).

## **Comments/Recommendations:**

8. **15.4(1)d(2) & 15.51(1)g(2):** Vacuum breaker backflow preventers provided on all hose bibs in the bathhouse.

## SPRAY PADS

<u>S\_U\_N/A</u>

- 1. **15.5(19)a:** The surface of a spray pad shall be impervious and durable. Padding specifically designed for spray pads may be used with play features.
- 2. Deck or other areas outside the spray pad shall not drain into the spray pad.
- 3. **15.5(19)c:** Unless the spray pad is supervised by facility staff, a sign shall be posted near the spray pad that addresses: No running on or around the spray pad, No rough play, No facility supervision. Parents are responsible for supervising their children.
- 4. **15.5(19)d:** Spray pads drains shall be gravity outlets. At least two drains or a single drain that is unblockable shall be provided.
- 5. **15.5(19)e(2):** On independent treatment systems the tank shall be accessible for cleaning and inspection.
- 6. **15.5(19)e(3):** On independent treatment systems the recirculation treatment system and play feature pump and piping system shall be separate.
- 7. **15.5(19)e(5):** On independent treatment systems the play feature pump system shall be designed so that it will not operate if the recirculation system in not operating.

## IOWA SMOKEFREE AIR ACT

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**Iowa Code §142D**: No violations observed (No evidence of smoking in prohibited areas, no ashtrays present, signs posted at entrances)

# 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.

pa Representative Date Pool/S 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 \_\_\_\_30\_\_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 1351 and 641 IAC 15.6.

**Deficiency 1**: 15.4(2)e(1)-(6) A minimum of 2 hard pool water tests are not taken or recored on the daily pool log sheets. Pool water tests are not being taken every 4 hours during operational hours. Alkalinity and combined chlorine is not being tested weekly, Calcium hardness is not being tested monthly.

Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)

**Deficiency 2:** 15.4(6)f(2) & 15.51(5)e(2) Water bacteria tests are not being taken monthly or available in the record binder for the pool/spa.

Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)

**Deficiency 3:** 15.4(6)f(4) & 15.51(5)e(5): Dates & quantities of chemical additions, including resupply of chemical feed systems are not being recorded on log sheets.

Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)

Deficiency 4: 5.4(6)f(5) & 15.51(5)e(6): Dates when filters were backwashed, cleaned, or a filter cartridge was changed are being recorded on log sheets.

Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)

Deficiency 5: 5.4(6)f(6) & 15.51(5)e(8): GFCI receptacles & breakers are not being tested at least 1x/month and dates of test dates recorded.

Corrective Action Plan: (Cite this section to be completed by the facility to indicate how the deficiencies will be corrected)

Page 6 of 6 Rev. 5/27/2021 Deficiency 6: 15.4(6)f(7) & 15.51(5)e(9): MSDS for chemicals on-site, reviewed annually, and date(s) of review recorded are not recorded.

Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)

**Deficiency 7:** 5.4(6)I: A written emergency plan onsite (drowning, serious illness or injury, chemical-handling accidents, weather emergencies, and other serious incidents) reviewed annually by staff, and date(s) of review recorded are not recored.

Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)

Deficiency 8: 5.51(2)e(3):Spa temperature is not being recorded when water quality testing is done .

Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)

**Deficiency 9:** 5.51(2)e(1)-(8): Spa water tests are not being taken every 2 hours during operational hours. Alkalinity and combined chlorine is not being tested weekly, Calcium hardness is not being tested monthly.

Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)

**Deficiency 10:** 15.4(1)b(4)1 & 15.51(1)e(1)-(2): Missing weirs in all skimmers.

Corrective Action Plan: (this section to be completed by the facility to indicate how the deficiencies will be corrected)

**Deficiency 11:** 5.51(1)c: The circulation system spa flow meter in the pump room is not functional.

\*\*\* Additional identified deficiencies may be listed on attached pages.

The deficiencies noted during the inspection shall be addressed by completing this Corrective Action Plan within \_\_30\_\_ days and submitting an original signed copy of this document to:

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

Date:

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