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| Story County Environmental Health 900 6 th Street Nevada, IA 50201 515-382-7240 | Iowa Department of Public Health Division of Environmental Health 321 E 12 th Street, Des Moines, IA 50319 Phone: (515)281-8722 Fax: (515)281-4529 |
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Form from IDPH 2-9-11

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| Facility Name: <u>Ecnowledge</u> | | Registration #: <u>85-1647-007-2-B-001</u> 85-0812017-2-B-001 85-0812017-2-B-002 | |
| Person Contacted: _____ | | <input type="checkbox"/> Pool <input checked="" type="checkbox"/> Spa <input type="checkbox"/> Other: | |
| Title: _____ | | City: <u>Story City</u> State: <u>IOWA</u> Zip: <u>50248</u> | |
| Facility Physical Address: <u>4210 15th St NE</u> | | Date of Inspection: <u>4-27-16</u> | |
| County: <u>Story</u> | | Name of CPO(s): _____ | |
| A CORRECTION PLAN ADDRESSING EACH VIOLATION MUST BE SUBMITTED TO STORY COUNTY ENVIRONMENTAL HEALTH, WITHIN 15 BUSINESS DAYS OF THE INSPECTION. | | | |

A. WATER CHEMISTRY

| | | | | | |
|-------------------|---------------------|-------------|------------------|-------------------|------------|
| Temperature | <= 104° if spa | <u>84</u> | pH | 6.8-8.2 (7.2-7.8) | <u>6.9</u> |
| Total Chlorine | | — | Alkalinity | | — |
| Free Chlorine | 0.6-8.0 (1.0-8.0) | <u>3.41</u> | Calcium Hardness | | — |
| Combined Chlorine | | — | Cyanuric Acid | <= 80 ppm | — |
| Total Bromine | 1.0-18.0 (2.0-18.0) | — | ORP Reading | <u>747</u> | <u>826</u> |

Key: S = Satisfactory U = Unsatisfactory N/A = Not Applicable

MANAGEMENT/PERSONNEL

S U N/A

1. CPO/ Lifeguard certificates Pool 15.4(6)h Spa 15.51(5)a
 - Copies of certified operator, lifeguard, first-aid, basic water rescue, & CPR certificates for the facility staff shall be kept at the facility.
2. Frequency of Required Tests Pool 15.4(2)e(1)-(6) Spa 15.51(2)e
 - Swimming pool: ORP and pH at opening and every 4 hours; free Cl (Br) 2x daily; combined Cl, total alkalinity and cyanuric acid weekly; calcium hardness monthly
 - 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.
 - Sample to a lab for bacteria analysis monthly.
3. Operational records, operations manuals, emergency/staff plans, GFI/backwash records Pool 15.4(6) Spa 15.51(5)
 - Results of chemical tests.
 - Spa water temperature. The spa shall be closed if the water temperature exceeds 104°F. 15.51(4)c
 - Results of monthly microbiological analyses.
 - Reports of complaints, accidents, injuries, & illness.
 - Dates & quantities of chemical additions, including resupply of chemical feed systems.
 - Dates when filters were backwashed, cleaned or a filter cartridge was changed.
 - GFI receptacles & breakers shall be tested at least 1x/month; dates of tests shall be recorded.
 - A written emergency plan shall be provided. It must be reviewed annually and the date(s) of review recorded.
 - MSDS for chemicals used at the pool must be on-site. MSDS must be reviewed annually and the date(s) of review recorded.
 - A permanent manual for the operation of the facility shall be kept at the facility.
 - The lifeguard staffing plan for the facility shall be available to the inspector at the facility. The plan shall include staffing assignments for all programs conducted at the pool.
 - Main drain and SVRS documentation (VGB) with dates of installation must be at the facility. Each SVRS must be tested at least monthly and the test date(s) recorded. 15.4(3)h(1) & (3) Spa 15.51(4)f(2) & (4) 2016 replaced
 - A spa containing 500 gallons of water or less shall be drained, cleaned & refilled a minimum of once a week, a spa containing 500 to 2000 gallons of water a minimum of one time every two weeks, and a spa containing more than 2000 gallons a minimum of one time every three weeks. A record of the drain & refill shall be at the facility. 15.51(3)b

S U N/A

17. Boundary Lines - Pool 15.4(4)i(3):

- The boundary between shallow & deep water (5 ft) shall be marked by a float line with floats spaced no more than 5 ft apart. When the slope of the floor of a swimming pool exceeds 1:12 ft at a depth of less than 5 ft, a float line shall be placed within 12 inches of the shallow edge of the slope change.
- A stripe at least 4 inches wide shall be marked on the floor and walls of the pool at 5 feet depth or at the beginning of a slope greater than 1:12.

18. Depth Markers - Pool 15.4(4)j:

- Depth markers shall be located on the deck no more than 3 ft from the edge of the swimming pool.
- Depth markers shall be located at 1 ft depth intervals, but not more than 25 ft apart measured between the centers of the depth markers.
- Depth markers shall be located not more than 25 ft apart measured between the centers of the depth markers around the deep end of the swimming pool. The words "Deep Water" may be used in place of numerals as depth markers.

19. No Diving Markers - Pool 15.4(4)j(5):

- Swimming pool areas where diving is not permitted shall be marked with "No Diving" or equivalent wording or graphics on the pool deck within 3 ft of the edge of the swimming pool at intervals no greater than 25 ft between the centers of the markers around the perimeter of the area.

20. Slip Resistant Markers - Pool 15.4(4)j(6):

- Letters, numbers & graphics marked on decks shall be slip resistant.

21. Emergency Equipment - Pool 15.4(4)f:

- Except for wading pools, a minimum of one unit of lifesaving equipment shall be provided for each 1500 ft² of water surface area or fraction thereof. A unit of lifesaving equipment consists of one of the following: A U.S. Coast Guard recognized ring buoy, a life pole or a "shepherd's crook" of at least 8 ft in length, a rescue buoy, a rescue tube, &/or any other piece of rescue equipment approved by the department.

22. Handrails, Guardrails, Stairs, Ladders & Ramps Pool 15.4(4)b

- Ladders or recessed steps shall be provided in the deep portion of a swimming pool. Stairs, ladders, recessed steps or ramps shall be provided in the shallow portion if the vertical distance from the bottom of the swimming pool to the deck is more than 2 ft.
- Ladders, ladder rungs & ramps shall be securely anchored.
- Stairs, ladder rungs, ramps & recessed steps shall be slip-resistant.
- If a swimming pool is over 30 ft wide, recessed steps, ladders ramps or stairs shall be installed on each side.
- Where recessed steps are provided, securely anchored grab rails shall be provided.
- Where stairs or ramps are provided, they shall be equipped with a securely anchored handrail.
- When stairs are provided for entry into a swimming pool, a slip resistant stripe at least 1 inch wide of a color contrasting with the swimming pool floor shall be marked at the leading edge of each tread.
- The vertical rails of a ladder shall be 3" to 6" from the pool wall
- The bottom end of a ladder shall be within one inch of the pool wall and shall be covered with a smooth non-metallic cap.
- Ladders, handrails & grab rails shall have no exposed sharp edges.

Spa 15.51(4)b

- A spa shall have at least one stairway, ramp, ladder or set of recessed steps designating a point of entry.
- Stair steps shall be slip resistant.
- Stair steps shall be provided with two hand/grab rails, one on each side of the steps.
- Ladders, handrails & grab rails shall be securely anchored.
- Ladders, handrails & grab rails shall be of corrosion-resistant materials, or provided with corrosion resistant coatings.
- Ladders, handrails & grab rails shall have no exposed sharp edges.

23. Lifeguards and Lifeguard Chairs - Pool 15.4(4)d & e:

- Lifeguards required for city, school and other pools greater than 1500 ft² (exceptions for apartments, condominiums, homeowner associations, country clubs, manufactured home communities, and mobile home parks).
- Outdoor swimming pools where lifeguards are required by rule shall have at least one elevated lifeguard chair or station provided for a swimming pool with a water surface area of 2000 - 4000 ft² inclusive; at least two chairs shall be provided if the area is 4001-6000 ft²; and at least three chairs shall be provided if the area is 6001 ft² or more.

24. Starting Blocks Pool 15.5(4)c(2)

- Starting blocks shall be removed, covered, or a sign posted to prevent use by the public during general use periods.

25. Hose Bibs - Pool 15.5(4)h: - Spa 15.52(4)i(3):

- At least one hose bib shall be provided for flushing the deck.
- Vacuum breaker backflow preventers shall be provided on all hose bibs at a swimming pool or spa facility, including shower rooms, and pool equipment rooms. Pool 15.4(1)d(1) & (2) Spa 15.51(1)g(2):

26. Fencing Pool 15.4(4) Spa 15.51(4)k

- Except for a fill & drain wading pool, a swimming pool shall be enclosed by a fence, wall building enclosure or combination thereof not less than 4 ft high & made of durable material.
- A fence, wall or other means of enclosure shall have no openings, other than gateways & doorways, that would allow the passage of a 4 inch sphere, & shall not be easily climbable by toddlers.
- The distance between the ground & the top of the lowest horizontal support accessible from the outside of the facility, or between the two lowest horizontal supports accessible from outside the facility, shall be at least 45 inches.
- If a wading pool is within 50 ft of a swimming pool, the wading pool shall have a barrier at least 36 inches high separating it from the swimming pool.
- An indoor swimming pool shall be enclosed by a barrier at least 3 ft high if there are sleeping rooms, hallways, apartments, condominiums or permanent recreation areas used by children that open directly into the swimming pool area.

S **U** **N/A**

Rooms with fuel-burning equipment shall have one or more openings to the outside for providing combustion air.

6. Gas Chlorine Room (Gas - Vents, Lights, Gas Cylinders) Pool 15.4(4)n

- Room shall have an airtight exhaust system which takes its suction near the floor & discharges out of doors in a direction to minimize the exposure to swimming pool patrons. The system shall provide one air change every 4 minutes.
- An air intake shall be provided near the ceiling.
- The exhaust fan shall be operated from a switch in a nearby location outside the chlorine room or building.
- A plastic bottle of commercial strength ammonia solution for leak detection shall be provided.

SHOWERS/TOILETS/DRESSING ROOMS

1. Cleanliness - Pool 15.4(5)

- Users shall have access to showers, dressing rooms & sanitary facilities that are clean & free of debris.
- Floors shall be slip-resistant and be maintained without standing water (to the extent practical).
- Carpet shall not be installed in wet areas of the bathhouse/dressing area.

2. Facilities Working - Pool 15.4(5)d

- All lavatories, showers & sanitary facilities shall be functional.
- Soap shall be available at each lavatory and at each indoor shower fixture.

3. GFI's/Hosebibs - Pool 15.4(4)m(1): - Spa 15.51(4)j(1):

- Electrical outlets in the public dressing, lavatory and shower areas shall be protected by properly installed ground fault circuit interrupter (GFCI) receptacles at the outlet or breaker serving the outlet.
- A hose bib(s) shall be provided within the bathhouse or dressing area.

IOWA SMOKEFREE AIR ACT - Iowa Code § 142D:

- No violations observed (No evidence of smoking in prohibited areas, no ashtrays present, signs posted at entrances).