

5

SWIMMING POOL/SPA INSPECTION REPORT

LOCAL INSPECTION AGENCY:

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

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|---|-------------------------|-------------------------|--------------------------------|----------------------------------|--------------------------------|--------------------|-------------------------------|-------------------------|
| Date of Inspection | 1: | | | | ation # | | | |
| Facility Name: | | | | | I Spa Other ation # | | | |
| [| | | Pool Spa Other | | | | | |
| • • | | | Registration # Pool Spa Other | | | | | |
| City: | | | Co | ounty | : Johnson | | State: | Zip: |
| | | | | N 4 = : I . | | | IA | |
| Person Contacted | • | | | -Mail: | | | | |
| Name of CPO(s) | | | <u> </u> | | | | | |
| CHEMICAL FEED S | SYSTEMS AND SECOND | ARY DISINFECTANT | | | | | | |
| Disinfection make | | | | | | | | |
| Distillection make | e and model #. | | | | | | | |
| Type: | | | | | | | | |
| | 🗖 | | | | | | | |
| ☐ Bromine ☐ Ti | richlor Calcium Hyp | ochlorite | ypochlorite 🔲 L | _ithium | n Hypochlorite | s) U Other: | | |
| WATER CHEMIST | RY | | | | | | | |
| Type (Pool, Spa, | Free Chlorine | Bromine | pН | | Cyanuric Acid | Control | ler | 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 | | <= 104° |
| | Spa 2.0-8.0 | Spa 4.0-18.0 | Spa 7.2-7.8 | | Spa 0- 40 | pH 7.2- | 7.8 | |
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| | | | | | | | | |
| ey: S = Satisf | actory U = Unsat | isfactory N/A - | Not Applicable | ` | | | | |
| ey: S = Satisf | actory 0 = orisat | islactory N/A = | Not Applicable | | | | | |
| ACILITY RECORDS | <u> </u> | | | 6. | 15.4(6)h certificates. | : Certified ope | erator, life | guard, first-aid, & CPI |
| S U N/A 15.9(1) The swimming pool or spa is currently | | | 7. | | 2) & 15.51(5) | e(2): Mon | thly microbiological | |
| registered. | | | | | analyses results. | | | |
| 15.4(2)a(1)-(6) & 15.51(2)a(1)-(6): Water quality | | | 8. | | | | | |
| readings recorded are in the correct range (or closures noted when out of range). | | | | complaints, accidents, required. | injuries, & iii | ness. Repo | orts submitted as | |
| 15.4(2)e(1)-(6): Swimming pool: ORP and pH at | | | 9. | | 4) & 15.51(5) | e(5) : Date | s & quantities of | |
| opening and every 4 hours; free Cl (Br) 2x daily; combined Cl, total | | | | | chemical additions, in | cluding resup | ply of che | mical feed systems. |
| alkalinity and cyanuric acid weekly; calcium hardness & bacteria | | | 10. | | | | s when filters were | |
| testing monthly. 15.4(4)h(1)3 & 15.51(4)f(2)3: Submerged outlet (VGB) | | | 11. | backwashed, cleaned, | | _ | changed. receptacles & breake | |
| L L 15.4(4)h(1)3 & 15.51(4)f(2)3: Submerged outlet (VGB) certification of compliance (main drain, equalizer, feature outlets, | | | 11. | are tested at least 1x/ | | | | |
| etc.) is on-site. | • | , - 4 | , | 12. | | | | S for chemicals on-sit |
| | 5.4(4)h(3)1-3 & 15.51(4 | l)f(4)1-3: SVRS product | | | reviewed annually, an | d date(s) of re | eview reco | rded. |
| information that demonstrates compliance is on-site. SVRS tested | | | 13. | | | |): Operations manua | |
| monthly and the test date(s) recorded. | | | | on-site (water testing | procedures, b | ackwash, | vacuuming, etc.). | |

| FAC | ILITY RECORDS CONT. | 21. | |
|------------|--|-----|--|
| | 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. | 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. | 15.4(6)m: Lifeguard staffing plan, including diagram(s) | 24 | not more than 25ft apart in shallow water. |
| 10 | of zones of surveillance responsibility. | 24. | 15.4(4)j(3): Depth markers not more than 25ft apart around the deep end of swimming pool. |
| 16. | 15.51(2)e(3):Spa temperature recorded when water | 25. | 15.4(4)j(6): "No Diving" marked in areas where diving |
| | quality testing is done (104° or less-closures noted when out of temp | 23. | is not permitted (not more than 25ft apart). |
| 17 | range). | 26. | 15.4(4)j(7): Letters, numbers & graphics marked on |
| 17. | 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; | 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. | | projections or obstructions. |
| | | 29. | ☐ ☐ 15.4(4)I(2) & 15.51(4)k(2): Fence, wall, or other |
| POC | DL/DECK/SURROUNDING AREA | | 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. | 22 | inches. |
| 3. | 15.4(3)b(1) & 15.51(3)b(1): Pool/spa does not require | 32. | L L 15.4(4)I(3) & 15.51(4)k(3): A gate at least 36 inches wide provided for emergency purposes. |
| | cleaning. | 33. | 15.4(4)I(4) & 15.51(4)K(3): Gates lockable. |
| 4. | 15.4(4)b(1): Ladders or recessed steps provided in the | | 15.4(4)I(5) & 15.51(4)K(4): Gates/doors are self- |
| | deep portion of pool. Stairs, ladders, recessed steps, or ramps | 54. | closing and self-latching (where lifeguards are not provided). |
| 5. | provided in the shallow portion if more than 2ft deep. 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 |
| ٦. | 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 |
| ٥. | 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. | 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/o |
| | stripe at least 1 inch wide marked at the leading edge of each tread. | 20 | underwater lights) are functional. 15.4(6)b(1)-(3) & 15.51(5)b(1)-(8): Legible pool rules |
| 11. | ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` | 39. | signs posted at two locations (No Diving, No Rough Play, No |
| 12 | are provided. | | Running) |
| 12. 13. | | 40. | 15.4(6)d(1): 'No Lifeguard' (Children under 12 must be |
| 15. | 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. | | 41. | ☐ ☐ 15.5(4)h & 15.51(4)h(3): At least one hose bib |
| 17. | 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. | ☐ ☐ 15.4(1)d(2) & 15.51(1)g(2): Vacuum breaker backflow |
| 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. | 44. | |
| 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. | 15.5(13)f(3) : Where pool depth changes from shallow |
| 19. | | | to deep, a 4 inch wide stripe is marked (floor and wall) at 5 feet |
| | light color. | 46 | 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 $5 \mbox{\it ft}$

apart.

safe, sanitary manner.

| SP/ | $ar{I}$ | MEC | HANICAL 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 |
| | <u>104°F.</u> | | working condition. |
| 2. | L L 15.51(4)I: Agitation system control out of reach of persons and timer is 10 minutes or less. | | 15.4(1)b(1) & 15.51(1)c: The recirculation system is operating continuously (except for backwashing or servicing). |
| 3. | 15.51(5)b: Spa rules sign (8 required stipulations) | 3. | 15.4(1)b(1) & 15.51(1)c: The circulation system flow |
| | posted. | į | meter(s) are functional. |
| 4. | 15.51(5)c: 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, | | after) filter pump 15.4(1)c & 15.51(1)f: Wastewater and backwash is |
| ٥. | ladder or set of recessed steps designating a point of entry (built or | | discharged through an air break or air gap. |
| | reconstructed since March 14, 1990). | - | 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). | | In the backhow device. 15.4(1)d(2) & 15.51(1)g(2): Vacuum breaker backflov |
| 7. | ☐ ☐ 15.52(12)c: 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 |
| \A/A | DINC Page | | have UL seal. 15.4(1)e(2) & 15.51(1)h(2): Gas-fired heaters have |
| VV | ADING Pools S U N/A | | AGA seal and equipped with a pressure relief valve. |
| 1. | ☐ ☐ 15.4(4)h: Fully submerged outlets not missing or | | ☐ ☐ 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. | 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. | 15.4(4)I(5): 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. | 15.4(6)d(1): 'No Lifeguard' (Children must be | | 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 |
| 6 | where lifeguards are not provided. 15.4(4)i(4):Maximum depth of wading pool at each | | hardness; & cyanuric acid. |
| 6. | | | ☐ ☐ 15.4(2)f(4)-(5) & 15.51(2)f(4)-(5): ORP/pH controller with numerical analog or digital display |
| | high). | | ☐ ☐ 15.4(3)a(1) & 15.51(3)a(1): Continuous disinfection |
| | | | feed equipment installed and operational. |
| DIV | <u>/ING BOARDS</u> 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. | 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 |
| 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. | | |
| | TED CLIDES | | MICAL STORAGE |
| WA | ATER 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. | 15.4(4)o(1): Water slide support structures are free of obvious structural defects. | | 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 | | 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 | 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. | | submerged outlet that is not unblockable is equipped with a SVRS. 15.4(4)m(2)2 & 15.51(4)i(4)2: Underwater lights more |
| 5. | 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 than 15 V equipped with a GFCI. |
| | slide | 6. | ☐ ☐ 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 | | gallons have secondary containment (built or reconstructed since |
| 7. | more than 4ft. 15.5(17)b(4): Landing area for a water slide is | I | May 4, 2005). |
| /. | designated by a float line or a painted area. | | |

| CHLORINE GAS | 8. |
|--|--|
| S U N/A 1. | preventers provided on all hose bibs in the bathhouse. |
| system. 2. | SPRAY PADS S U N/A 1. |
| the chlorine room or building. 4. | may be used with play features. 2. |
| 5. | spray pad. 3. |
| anchored with safety chains or straps BATHHOUSE | 4. |
| S U N/A 1. | provided. 5. |
| | |
| | |
| Comments/Recommendations: | |
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| | |
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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.

| comorm bacteria are detected and the apove listed requirements are met. | |
|---|------|
| | |
| Pool/Spa Representative | Date |
| CPH 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. |
| Deficiency 1: (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) |
| Alkalinity not tested weekly. Calcium hardness not tested monthly. Water bacteria tests not available for monthly testing. 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) |

| Corrective Action Plan: (this section to be completed by t | he facility to indicate how the deficiencies will be corrected) |
|---|---|
| Deficiency 7: (Cite 641 IAC Chapter 15 violation and manner | 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) |
| Deficiency 8: (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) |
| Deficiency 9: (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) |
| <u>Deficiency 10:</u> (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 | the facility to indicate how the deficiencies will be corrected) |
| *** Additional identified deficiencies may be listed on at | tached pages. |
| The deficiencies noted during the inspection shall be add original signed copy of this document to: | Iressed by completing this Corrective Action Plan within days and submitting an |
| A 8 | ohnson County Public Health attn: 155 S. Dubuque St.; Suite 217 owa City, IA 52240 |
| Pool Representative: | Date: Page 7 of 7 |

<u>Deficiency 6</u>: (Cite 641 IAC Chapter 15 violation and manner in which the facility failed to comply)

