

**Iowa Department of Public Health  
Division of Environmental Health**

321 E 12<sup>th</sup> Street, Des Moines, IA 50319  
Phone: (515)281-8722 Fax: (515)281-4529

Facility Name: <u>FOUR SEASONS PARK</u>		Registration #: <u>85-0372-062-1-B-001</u>	
Person Contacted: <u>MARTY DARNELL</u>		<input checked="" type="checkbox"/> Pool <u>1751 as per IDPH records</u>	
Title:			
Facility Physical Address: <u>2545 BROWNING ST</u>		City: <u>AMES</u>	State: <u>IOWA</u> Zip: <u>50010</u>
County: <u>STORY</u>		Date of Inspection: <u>8/19/10</u>	
<p><b>A CORRECTION PLAN ADDRESSING EACH VIOLATION MUST BE SUBMITTED TO THE IOWA DEPARTMENT OF PUBLIC HEALTH WITHIN 15 BUSINESS DAYS OF THE INSPECTION.</b></p>			

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

**A. WATER CHEMISTRY**

ORP 717

Total Chlorine		3.96	Cyanuric Acid	<= 80 ppm	49
Free Chlorine	0.6-8.0 (1.0-8.0)	3.95	Alkalinity		64
Combined Chlorine			Calcium Hardness		188
Total Bromine	1.0-18.0 (2.0-18.0)		Temperature		82
pH	6.8-8.2 (7.2-7.8)	7.7 / 7.86			

**B. MANAGEMENT/PERSONNEL**

- CPO/ Lifeguard certificates - Pool 15.4(6)h:  
☒ S ☐ U ☐ N/A  
☒ Copies of certified operator, lifeguard, first-aid, basic water rescue, & CPR certificates for the facility staff shall be kept at the facility.
- Operational records, operations manuals, emergency/staff plans, GFI/backwash records - Pool 15.4(6):  
☒ Results of pH, free chlorine or total bromine residual, cyanuric acid (if used), total alkalinity, combined chlorine, calcium hardness & any other chemical tests.  
☐ 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.  
☒ Monthly GFI test results.  
☒ Dates of MSDS review.  
☐ A permanent manual for the operation of the facility shall be kept at the facility.  
☒ A written emergency plan shall be provided.  
☒ 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.  
☒ Each electrical outlet in the deck, shower room, & pool water treatment areas shall be equipped with GFI at the outlet or the breaker serving the outlet. GFI receptacles & breakers shall be tested at least 1x/month & recorded in the records.
- Frequency of Tests - Pool 15.4(2)e(1)-(6):  
☒ The results of the tests required shall be recorded in the swimming pool records.
- Signs (Rules posted) - Pool 15.4(6)b:  
☒ Legible rules signs shall be posted conspicuously at a minimum of two locations w/in the facility enclosure. (Rules shall include: No diving in the shallow end, No horseplay, No running on deck)  
☐ A sign shall be posted at each entry to a swimming pool or a wading pool where lifeguards are not required.  
☒ Rules & restrictions for the use of a water slide shall be posted near the slide.



### **C. FILTRATION/RECIRCULATION**

1. Gutters/skimers - Pool 15.4(1)b(3)1-2:

**S U N/A**

☒ ☐ ☐ A swimming pool shall have a means for skimming the water surface & weirs which adjust automatically to variations in water level.

2. Water level - Pool 15.4(4)g:

☒ ☐ ☐ Swimming pool water levels shall be maintained at the skimming level.

3. Main Drain

☒ ☐ ☐ Pool 15.4(4)h: Each outlet including the main drain(s), shall be designed to prevent human entrapment.

4. Cross-connection (hose bibs/air break) - Pool 15.4(1)d(1) & (2):

☒ ☐ ☐ Water supplied to a swimming pool shall be discharged to the system through an air gap or a reduced principle backflow device

☒ ☐ ☐ Vacuum breaker backflow preventers shall be provided on all hose bibs serving a swimming pool, shower room, chlorine room &/or filter room.

5. Pressure Gauges: Gauges shall be located & of such a size that they may be easily read by the operator.

☐ ☒ ☐ Pool 15.4(1)b(2): The recirculation system shall have an operating pressure gauge located before the filter if it is a pressure filter system. A vacuum filter system shall have a vacuum gauge located between the filter and the pump.

6. Flow Meter - Pool 15.5(5)e:

☐ ☒ ☐ Each swimming pool recirculation system shall be provided with a permanently installed flow meter to measure the recirculation flow rate.

7. Strainer Baskets - Pool 15.4(4)1:

☒ ☐ ☐ Skimmers shall have an easily removable basket or screen upstream from any valve.

### **D. WATER QUALITY**

1. Water Supply - Pool 15.4(1)d:

☒ ☐ ☐ The water supplied to a swimming pool shall be from a water supply meeting the requirements of the Iowa Dept of Natural Resources for potable water.

2. Water Balance - Pool 15.4(2):

☒ ☐ ☐ Refer to Iowa Code sections listed & Aquatic Facility Testing & Record Keeping Requirements handout provided.

3. Clarity - Pool 15.4(2)c:

☒ ☐ ☐ A swimming pool shall be closed if the grate openings on the main drain are not clearly visible.

4. Test Kit - Pool 15.4(2)f:

☒ ☐ ☐ A swimming pool facility shall have functional water testing equipment for free chlorine & combined chlorine, or total bromine; pH; total alkalinity; calcium hardness; & cyanuric acid (if cyanuric acid or a stabilized chlorine is used at the facility).

5. Disinfection/Chemical Feed (size, working condition) - Pool 15.4(3)a:

☒ ☐ ☐ Equipment for continuous feed of a chlorine or bromine compound to the water shall be provided & shall be operational. The equipment shall be adjustable in at least five increments over its feed capacity.

☒ ☐ ☐ Equipment for the continuous feed of a chemical for pH adjustment of the water shall be provided & shall be operational for each swimming pool.

☒ ☐ ☐ Equipment & piping used to apply chemicals to the water shall be of such size, design, & material that they may be cleaned. All material used for such equipment & piping shall be resistant to the action of chemicals to be used.

6. Vacuum Cleaner - Pool 15.4(3)b(2), 15.5(5)f:

☒ ☐ ☐ A vacuum cleaning system capable of reaching all parts of the pool bottom shall be provided.

7. Solution Tank - Pool 15.5(11)e:

☒ ☐ ☐ Where a metering pump is used to feed solution of disinfectant, the disinfectant solution container shall have a capacity of at least one day's supply at the rate specified in 15.5(11)a / 15.52(11)b, except that when the system is designed to feed directly from a 55 gallon shipping container, a larger solution container is not required.

8. Pool cleanliness - Pool 15.4(3)b:

☒ ☐ ☐ A swimming pool shall be clean. The inspection agency may require that a swimming pool be drained & scrubbed with a disinfecting agent prior to further usage.

☒ ☐ ☐ A vacuum system shall be provided to remove dirt from the bottom of the swimming pool.

### **E. MARKING**

1. Color (Walls, Bottom) - Pool 15.4(4)i(1):

☒ ☐ ☐ The bottom & sides of a swimming pool shall be white or a light color.

2. Smooth Finish - Pool 15.4(4)i(2):

☒ ☐ ☐ Swimming pool walls & floors shall have a smooth surface in order to facilitate cleaning.

3. 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. The float line shall be installed within 12 inches of the shallow side of the boundary. When the slope of the floor of a swimming pool exceeds 1 ft vertical to 12 ft horizontal at a depth of less than 5 ft, the float line shall be placed within 12 inches of the shallow edge of the slope change.

4. 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. The depth of a wave pool shall also be marked on the side walls of the wave pool, above the maximum static water level, where the depth is 3 ft or more, & on the deep end wall of the wave pool.
- ☐ ☒ ☐ Depth markers shall be located at 1 ft depth intervals, but not more than 20 ft apart measured between the centers of the depth markers around the area of a swimming pool which has a water depth of 5 ft or less & around the area of a wave pool where the water depth is 3 ft or more.
- ☒ ☐ ☐ Depth markers shall be located not more than 20 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.

5. 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.

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

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

**F. DECKS**

1. Width/Clean/Drainage/Slip Resistant

- ☒ ☐ ☐ Pool 15.5(4)a: Swimming pools shall be surrounded by a deck. Class A Pool = at least 6 ft wide. Class B Pool = at least 4 ft wide. Decks shall extend at least 4 ft beyond diving stands, lifeguard chairs or any other deck equipment.
- ☒ ☐ ☐ The decks shall drain away from the swimming pool. The deck slope shall be at least 1/8 inch/ft and no more than 1/2 inch/ft to drain. The deck shall be constructed to eliminate standing water.
- ☒ ☐ ☐ Decks shall have a slip resistant, durable and cleanable surface, free of litter, obstructions & tripping hazards.

2. Hose Bibs - Pool 15.5(4)h:

- ☒ ☐ ☐ At least one hose bib shall be provided for flushing the deck.

**G. SAFETY**

1. First Aid Kit - Pool 15.4(4)f(4):

- ☐ ☒ ☐ A swimming pool facility shall have a first-aid kit which contains a supply of bandages, bandage compress, self-adhering gauze bandage & latex (or similar material) disposable gloves. Where life guards are not present, the first-aid kit shall be prominently mounted in the swimming pool enclosure, or a sign stating its location shall be posted near the swimming pool.

2. Telephone - Pool 15.4(4)f(7):

- ☒ ☐ ☐ A designated emergency telephone, capable of being operated without coins, shall be available to the users of a swimming pool. If the emergency telephone is not located within the swimming pool enclosure, management shall post a sign(s) indicating the location of the emergency telephone.

3. Fencing

- Pool 15.4(4)l & 15.5(13)h:

- ☒ ☐ ☐ 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. Except where controlled entrance is provided, gates & doors shall be lockable, self-closing & self latching.

**S U N/A**

- ☐ ☐ ☒ 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 which open directly into the swimming pool area.
- ☐ ☐ ☒ A wave pool shall have a continuous barrier along the full length of each side of the wave pool. The barrier shall be at least 42 inches high and be installed 2 1/2 to 3 ft from the side of the wave pool. Users shall not be permitted in this area.

4. Gates - Pool 15.5(4)f(6):

- ☒ ☐ ☐ A self-closing, gated exit of at least 36 inches in width shall be provided for emergency purposes.

5. 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 ft<sup>2</sup> of water surface area or fraction thereof. The area of a swimming pool where the water is 2 ft deep or less may be subtracted from the total area for this requirement. A swimming pool is not required to have more than ten units of lifesaving equipment. 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.

6. Lifeguard Chair - Pool 15.4(4)e:

- ☐ ☐ ☒ 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 ft<sup>2</sup> inclusive; at least two chairs shall be provided if the area is 4001-6000 ft<sup>2</sup>; and at least three chairs shall be provided if the area is 601 ft<sup>2</sup> or more.

7. 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.

8. Leak Detector - Pool 15.4(4)n(1)7:

- ☐ ☐ ☒ A plastic bottle of commercial strength ammonia solution for leak detection shall be provided.

~~WRECKED~~ ~~NEED NOW~~ NEEDS TO BE AVAILABLE



9. Drains

- Pool 15.4(4)h:

- |                                     |                          |                          |   |
|-------------------------------------|--------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Each outlet, including the main drain(s), shall be designed to prevent human entrapment.  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Each drain shall have a cover with openings or slots no more the 1/2 inch wide.   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Drain covers shall not be removable without the use of tools.   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Each main drain shall be covered with a grate with a minimum area equal to a 12 inch by 12 inch square, an anti-vortex cover or another drain cover approved by the department. |

10. Handrails, Guardrails, Stairs, Ladders & Ramps

- Pool 15.4(4)b:

- |                                     |                          |                          |  |
|-------------------------------------|--------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Ladders, ladder rungs & ramps shall be securely anchored.  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Stairs, ladder rungs, ramps & recessed steps shall be slip-resistant.  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | If a swimming pool is over 30 ft wide, recessed steps, ladders ramps or stairs shall be installed on each side.  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Where recessed steps are provided, securely anchored grab rails shall be provided.   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Where stairs or ramps are provided, they shall be equipped with a securely anchored handrail.  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 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.   |

11. Material Safety Data Sheets (MSDS)

- Pool 15.4(6)j:

**S U N/A**

- |                                     |                          |                          |   |
|-------------------------------------|--------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Copies of MSDS for the chemicals used at the swimming pool shall be kept at the facility in a location known to facility staff with chemical handling responsibilities. The MSDS shall be reviewed by the facility staff at least annually. |
|-------------------------------------|--------------------------|--------------------------|---|

12. Chemical Storage - Pool 15.4(4)a:

- |                                     |                          |                          |   |
|-------------------------------------|--------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Swimming pool treatment chemicals shall be stored & handled in accordance with the manufacturer's recommendations.        |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Chemical shall be stored & handled in accordance with the manufacturer's recommendations.                                 |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Chemical storage containers shall be clearly labeled.   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | A warning sign shall be placed on the door of rooms where chemical are used/stored, or where bulk containers are located. |

13. Water Heater/Boiler - Pool 15.4(1)e:

- |                                     |                          |                          |  |
|-------------------------------------|--------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Electric water heaters shall bear the seal of UL, Underwriters Laboratory, Chicago, Illinois.              |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Gas-fired heaters shall be equipped with a pressure relief valve.  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Fuel-burning water heaters shall be vented to the outside in accordance with the Iowa State Plumbing Code. |

14. Electrical Outlets (GFI/distances, etc.) - Pool 15.4(4)m:

- |                                     |                          |                          |  |
|-------------------------------------|--------------------------|--------------------------|--|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Each electrical outlet on the deck, in the shower rooms & the swimming pool treatment equipment areas shall be equipped with a properly installed ground fault circuit interrupter (GFCI) at the outlet or at the breaker serving the outlet. Electrical outlets energized through an ORP/pH controller are not required to have a separate GFCI if the controller is equipped with a GFCI or is energized through a GFCI breaker. GFCI receptacles & breakers shall be tested at least once each month the swimming pool is in operation. Testing dates & results shall be recorded in the swimming pool records. |
|-------------------------------------|--------------------------|--------------------------|--|

15. Sharp Edges - Pool 641--15(135I)

- |                                     |                          |                          |   |
|-------------------------------------|--------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | No sharp edges shall be present in the swimming pool areas. |
|-------------------------------------|--------------------------|--------------------------|---|

16. Plunge Pool - Pool 15.4(4)0(2):

- |                          |                          |                                     |  |
|--------------------------|--------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Plunge pool depth shall be at least 3 ft & no more that 4 ft at the end of the flume & for at least 15 ft beyond the end of the flume. |
|--------------------------|--------------------------|-------------------------------------|--|

**H. STRUCTURE/DIVING**

1. Diving well - Pool 15.5(13)a:

- |                          |                          |                                     |   |
|--------------------------|--------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | See TABLE 3 page 32 of the Iowa Swimming Pools Code |
|--------------------------|--------------------------|-------------------------------------|---|

2. Board & Platform: - Pool 15.5(13)a:

- |                          |                          |                                     |  |
|--------------------------|--------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Diving boards & platforms over 3 meters high are prohibited except where approved by the department. |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Diving boards & platforms shall have slip-resistant surfaces.  |

3. Water Depth - Pool 15.5(13)a:

- |                          |                          |                                     |   |
|--------------------------|--------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | See TABLE 3 page 32 of the Iowa Swimming Pools Code |
|--------------------------|--------------------------|-------------------------------------|---|

4. Support Structure(s) - Pool 15.5(13)a(6)1:

- |                          |                          |                                     |   |
|--------------------------|--------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Supports, platforms & steps for diving boards shall be of substantial construction & of sufficient structural strength to safely carry the maximum anticipated loads. |
|--------------------------|--------------------------|-------------------------------------|---|

5. Chute Structure(s) - Pool 15.4(4)o:

- |                          |                          |                                     |  |
|--------------------------|--------------------------|-------------------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Water slide support structures shall be free of obvious structural defects.                      |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | The internal surface of a flume shall be smooth and continuous for its entire length.            |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | The flume shall have no sharp edges within reach of a user while in the proper sliding position. |

6. Chute Exits - Pool 15.4(4)o:

- |                          |                          |                                     |   |
|--------------------------|--------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Plunge pool depth shall be at least 32 ft and no more than 4 ft at the end of the flume and for at least 15 ft beyond the end of the flume. |
|--------------------------|--------------------------|-------------------------------------|---|

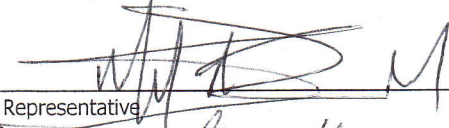
**I. SHOWERS/TOILETS/DRESSING ROOMS**

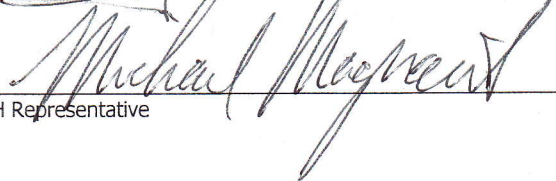
1. Facilities Working - Pool 15.4(5)d:  
☒ ☐ ☐ All lavatories, showers & sanitary facilities shall be functional.
2. Cleanliness - Pool 15.4(5):  
☒ ☐ ☐ Users shall have access to showers, dressing rooms & sanitary facilities that are clean & free of debris.
3. GFI's/Hosebibs - Pool 15.4(4)m(1):  
☒ ☐ ☐ Electrical outlets in shower room areas shall be protected by properly installed ground fault circuit interrupter (GFCI) receptacles at the outlet or breaker serving the outlet. GFCI & breakers shall be tested at least once each month the swimming pool is in operation. Testing dates & results shall be recorded in the swimming pool records.  
☒ ☐ ☐ Hose bibs equipped with vacuum breaker backflow preventers shall be provided within the bath house.

**Comments:** FLOW METERS FOR BOTH SYSTEMS DON'T APPEAR TO BE WORKING  
PRESSURE GAUGE AT NORTH PUMP NOT WORKING  
COMPLETE OPERATIONS MANUAL - p. 23 OF RULE BOOK  
ENSURE FIRST AID KIT IS AVAILABLE WHEN POOL IS OPEN  
CHLORINE SUPPLY LOW OR OUT AT INSPECTION  
TIGHTEN HAND RAIL AT STEPS  
COMPLETE EQUIPMENT FICE - p 27 "h"  
NEED VGB DOCUMENTS FOR MAIN DRAINS & SKIMMER FITTINGS  
KEEP COPIES OF MONTHLY BACTERIA SAMPLES

This report indicates the conditions of the pool at the time of inspection and does not guarantee future conditions or function. If at any time one or more of the following issues are present, the pool shall be closed until they are resolved.

- The free chlorine measurement is less than 0.6 ppm or the total bromine measurement is less than 1.0 ppm.
- The free chlorine measurement exceeds 8.0 ppm or the bromine measurement exceeds 18.0 ppm.
- The pH measurement is less than 6.8 or exceeds 8.2.
- The cyanuric acid measurement exceeds 80 ppm.
- The main drain is not clearly visible from the deck. (This can be caused by problems such as poor water clarity, surface reflection, and/or inadequate lighting.)
- Two consecutive positive test results for coliform bacteria. (After the first positive result, the Iowa Department of Public Health office should be contacted, the pool shall be shock chlorinated, and a second sample will be taken once the disinfectant residual returns to above acceptable levels. The pool shall be closed if the second sample is positive and may reopen once there is no coliform bacteria detected and the above listed requirements are met.

  
\_\_\_\_\_  
Pool Representative

  
\_\_\_\_\_  
IDPH Representative

8/19/2010  
\_\_\_\_\_  
Date

8/19/10  
\_\_\_\_\_  
Date