30' × 50'

Story County Environmental Health 900 6th Street Nevada, IA 50201 515-382-7240

Form SCEH 3-3-16

Iowa Department of Public Health

Division of Environmental Health321 E 12th Street, Des Moines, IA 50319
Phone: (515)281-8722 Fax: (515)281-4529

Facility Name: Four Seasons Par	rk	Registration #: 85-1751-062-1				
Person Contacted: Jeff Clendenen			Pool Spa Other:			
Title: CPO	Mark F. Cort of P.					
Facility Physical Addr 2545 Browning St		City:	la i			
County: Story		Date of Inspe	ection:	27-1	7	
	Jeff Clendene	n / Kevint	Krushwitz	flumm	home	es@gmail.com
	AN ADDRESSING EAC 15 BUSINESS DAYS O			STORY COUNTY	ENVIR	ONMENTAL
WATER CHEMISTRY						Super State
Temperature	<= 104° if spa		pH ,	6.8-8.2 (7.2-)	7.8)	7.5
Total Chlorine			Alkalinity			40
Free Chlorine	0.6-8.0 (1.0-8.0)	6	Calcium Hardness			
Combined Chlorine Total	1.0-18.0 (2.0-18.0)		Cyanuric Acid ORP Reading	<= 80 ppm		1 - 1
Bromine	1.0 10.0 (2.0 10.0)		OKF Keading			671
Frequency of Required Swimming phardness m Spa: ORP ar and at each	Tests Oool: ORP and pH at opening nonthly. 15.4(2)e(1)-(5) nd pH at opening and every n fill; calcium hardness at ea a lab for bacteria analysis m	g and every 4 hours; free 2 hours; free Cl (Br) and ach fill. 15.51(2)e	Cl (Br) 2x daily; combined temperature 2x daily+; co	d CI, total alkalinity a	and cyanu	· ıric acid weekly; calciun
Results of c Results of r Results of r Reports of Dates & que Dates wher A part a written e MSDS for c A permaner The lifeguar	perations manuals, emerger chemical tests. 15.4(6)f(1) temperature. 15.51(5)e(3) The monthly microbiological anal complaints, accidents, injuriantities of chemical addition in filters were backwashed, cwhen spa was drained and cacles & breakers shall be tes mergency plan shall be proving in the micals used at the pool in microbiological manual for the operation of staffing plan for the facilition onducted at the pool. 15.4(6)	e spa shall be closed if the yses. 15.4(6)(2) 15.51(5)e(2) es, & illness. 15.4(6)(3) 15.51 is, including resupply of chelaned or a filter cartridge cleaned. 15.51(5)e(7) isted at least 1x/month; dayided. It must be reviewed ust be on-site. MSDS mu of the facility shall be kepty shall be available to the	water temperature excertistics (5)e(4) hemical feed systems. 15.4 e was changed. 15.4(6)f(5) 15 tes of tests shall be record annually and the date(s st be reviewed annually at the facility. 15.4(6)i 15.8	(6)f(4) 15.51(5)e(5) 5.51(5)e(6) ded. 15.4(6)f(6) 15.51(5)e c) of review recorded and the date(s) of review for the date(s) of review recorded	I. 15.4(6)L 1 view reco	orded. 15.4(6)k 15.51(5)i
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) 15.51(4)f(2)&(4)						
of water a r	aining 500 gallons of water of minimum of one time every ne drain & refill shall be at tl	two weeks, and a spa cor				

S	U or/Sp		D SURROUNDING AREAS
	First A	id Kit	
2. X	Teleph	one	A designated emergency telephone shall be available to the users of a swimming pool/spa. Instructions for emergency use of the phone must be posted. If the emergency telephone is not located within the swimming pool/spa enclosure, management shall post a sign(s) indicating the location of the emergency telephone. 15.4(4)(7) 15.51(4)d
3. X	Electri	cal O	outlets Each electrical outlet on the deck & in the swimming pool/spa 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. 15.4(4)m(1) 15.51(4)j(1)
	Signs	KAND D	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. 15.4(6)b 15.51(5)b A 'No Lifeguard' sign shall be posted at each entry to a swimming pool or a wading pool where lifeguards are not required. 15.4(6)d Rules & restrictions for the use of a water slide shall be posted near the slide. 15.4(6)e A Spa Rules sign shall be posted near the spa. 15.51(5)b The maximum depth of a spa shall be posted at a conspicuous location near the spa in numerals or letters. 15.51(6)e
5. S	Spa Jet	Tim	er and Emergency Stop The spa jet timer shall be out of reach of persons in the spa. The timer cycle shall be 10 minutes or less. 15.51(5)c An emergency shutoff switch shall be installed near the spa. The switch shall stop both the filter and the jet pumps.
6.1	Pool/Sp		Artificial lighting shall be provided for indoor pools/spas and for outdoor pools/spas used after sunset. Overhead and underwater lights shall be functional. 15.4(2)m(2)1 15.51(4)j(4)1 Underwater lights operating at more than 15 V shall be equipped with a GFCI. 15.4(2)m(2)2 15.51(4)j(4)2
7. 公区	Deck (/Drainage/Slip Resistant The decks shall drain away from the swimming pool/spa. The deck shall be maintained free of standing water (to the extent practical). Decks shall have a slip resistant, durable and cleanable surface, free of litter, obstructions & tripping hazards. 15.4(4)k 15.51(4)h
8. X	Clarity		A swimming pool shall be closed if the grate openings on the main drain are not clearly visible (>8 ft deep, main drain is clearly visible). 15.4(2)c A spa shall be closed if the openings on drain fittings at the bottom of the spa are not clearly visible when the jet system is off. 15.51(2)c
9. X	Pool c		iness A swimming pool/spa shall be clean. 15.4(2)b 15.51(3)b(1)
10.	Wate		el Swimming pool & spa water levels shall be maintained at the skimming level. 15.4(2)g 15.51(4)e
11	Color	(Wa	ills, Bottom) The bottom & sides of a swimming pool shall be white or a light color. 15.4(4)i(1)
12,	Smoo		inish Swimming pool/spa walls & floors shall have a smooth surface. 15.4(4)i(2) 15.51(4)g
13 X	Shar		ugh Edges No sharp or excessively rough edges shall be present in or around the swimming pool/spa.
14.	Gutte	ers/sł	A swimming pool/spa shall have a means for skimming the water surface. 15.4(1)b(4) 15.51(1)e Each skimmer shall have a self-adjusting weir. 15.4(1)b(4)1 15.51(1)e(1) Skimmers shall have an easily removable basket upstream from any valve. 15.4(1)b(4)1 15.51(1)e(2) Skimmer equalizer openings in the pool/spa must have VGB compliant fittings or the equalizers must be plugged. 15.4(4)h 15.51(4)f
15.	Inlet		Inlets shall provide for uniform distribution of disinfectant residual. 15.4(1)b(3) 15.51(1)d Inlet openings shall be 1" diameter or less. 15.4(1)b(4) 15.52(8)b(2)
16. XX X	Main	Drai	n and other submerged outlets (VGB) Each outlet including the main drain(s), shall be designed to prevent human entrapment. 15.4(4)h 15.51(4)f Each drain shall have a cover with openings or slots no more the ½ inch wide. 15.4(4)h 15.51(4)f Drain covers shall not be removable without the use of tools. 15.4(4)h(2) 15.51(4)f(2)

S	U Bound	N/A	lines
		A	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
Ø			slope change. 15.4(4)(3) 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 20 20	Depth		Depth markers shall be located on the deck no more than 3 ft from the edge of the swimming pool. 15.4(4)j(1) 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. 15.4(4)j(2) 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. 15.4(4)j(3)
19. X	No Di		Markers 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. 15.4(4))(6)
20. X	Slip R		tant Markers Letters, numbers & graphics marked on decks shall be slip resistant. 15.4(4))(7)
21 A	Emer		y Equipment Except for wading pools, a minimum of one unit of lifesaving equipment shall be provided for each 1500 ft ² 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. 15.4(4)f(1)
		rails,	Guardrails, Stairs, Ladders & Ramps
Poo			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. 15.4(4)b(1)
MÄCCOM		Z 	Ladders, ladder rungs & ramps shall be securely anchored. 15.4(4)b(2) Stairs, ladder rungs, ramps & recessed steps shall be slip-resistant. 15.4(4)b(4) If a swimming pool is over 30 ft wide, recessed steps, ladders ramps or stairs shall be installed on each side. 15.4(4)b(5) Where recessed steps are provided, securely anchored grab rails shall be provided. 15.4(4)b(7) Where stairs or ramps are provided, they shall be equipped with a securely anchored handrail. 15.4(4)b(7) 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
N N N			floor shall be marked at the leading edge of each tread. 15.4(4)b(8) The vertical rails of a ladder shall be 3" to 6" from the pool wall. 15.4(4)b(3) 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. 15.4(4)b(3) Ladders, handrails & grab rails shall have no exposed sharp edges.
Spa		XXXX	A spa shall have at least one stairway, ramp, ladder or set of recessed steps designating a point of entry. 15.51(4)b Stair steps shall be slip resistant. 15.51(4)b(2) Stair steps shall be provided hand/grab rails. 15.51(4)b(3) Ladders, handrails & grab rails shall be securely anchored. 15.51(4)b(5) Ladders, handrails & grab rails shall be of corrosion-resistant materials, or provided with corrosion resistant coatings. 15.51(4)b(4) Ladders, handrails & grab rails shall have no exposed sharp edges. 15.51(4)b(4)
23.	Lifegu	uards	s and Lifeguard Chairs
			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). 15.4(4)d(1) 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. 15.4(4)e
24.	Startin	ng Bl	ocks Starting blocks shall be removed, covered, or a sign posted to prevent use by the public during general use periods. 15.51(4)d(2)
25.	Hose	Bibs	At least one hose bib shall be provided for flushing the deck. 15.5(4)h 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. 15.4(1)d(2) 15.51(1)g(2)
26.	Fenci		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. 15.4(4)L(1) 15.51(4)k(1) 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. 15.4(4)L(2) 15.51(4)k(2) 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. 15.4(4)L(2) 15.51(4)k(2) 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
		X	pool. 15.4(4)L(4) 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. 15.4(4)L(5) 15.51(4)k(4)

S U N/A 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 ½ to 3 ft from the side of the wave pool. Users shall not be permitted in this area. 15.4(4)L(6)
27. Gates A gate at least 36 inches in width shall be provided for emergency purposes. 15.4(4)L(3) 15.51(4)k(3) Gates must be lockable. 15.4(4)L(3) 15.51(4)k(3) Where lifeguards are not provided, gates/doors must be self-closing and self-latching. 15.4(4)L(3) 15.51(4)k(3)
Diving well
1. Board & Platform: Diving boards & platforms over 3 meters high are prohibited except where approved by the department. 15.4(4)c(5) Diving boards & platforms shall have slip-resistant surfaces. 15.4(4)c(6) Diving boards shall have no cracks or other obvious structural defects. 15.4(4)c(10)
2. Water Depth ☐ ☐ ☑ See TABLE 3 page 15 of the Iowa Swimming Pools Code 15.4(4)c(3)
3. Support Structure(s)
Supports, platforms & steps for diving boards shall have no obvious structural problems. 15.4(4)c(10) Diving board steps in good repair and slip-resistant. 15.4(4)c(10) Handrails and guard rails present and secure. 15.4(4)c(10)
Water Slides/Swimming Pool Slides
 Chute Structure(s) Water slide support structures shall be free of obvious structural defects. The internal surface of a flume shall be smooth and continuous for its entire length. The flume shall have no sharp edges within reach of a user while in the proper sliding position.
2. Landing areas
WATER QUALITY
1. Water Supply Water supplied shall be from a water supply meeting the requirements of the IDNR for potable water. 15.4(1)d 15.51(1)g Water supplied shall be discharged to the system through an air gap or a reduced principle backflow device. 15.4(1)d(1) 15.51(1)g(1) Reduced pressure backflow preventer must be tested annually. Record of test must be available. 15.4(1)d(1) 15.51(1)g(1)
2. Water Quality Test Results Continuous Code Sections Section Sections Sections Section Sect
3. Test Kit A swimming pool/spa facility shall have functional water testing equipment for free chlorine & combined chlorine, or total bromine; pH; total alkalinity; calcium hardness; & cyanuric acid. 15.4(2)f 15.51(2)f
6. Vacuum Cleaner Comparison of the pool bottom shall be provided. 15.4(3)b(2)
WATER TREATMENT EQUIPMENT
1. Circulation Equipment Circulation Equipment The filter pump shall be operating. 15.4(1)b(1) 15.51(1)c Pressure gauges at filter pump (before and after) and filter shall be functional. 15.4(1)b(2) 15.51(1)c The circulation system flow meter(s) shall be functional. 15.4(1)b(1) 15.51(1)c
2., Disinfection/Chemical Feed Disinfection chemical equipment shall be working. 15.4(3)a(1) 15.51(3)a(1) Head the controller shall be working and shall activate chemical feeders as necessary. 15.5(11)a 15.51(11)a
3. Solution Tank
4. Chemical Storage Swimming pool/spa treatment chemicals shall be stored & handled in accordance with the manufacturer's recommendations. 15.4(4)a(2) Chemical storage containers shall be clearly labeled. 15.4(4)a(4) A chemical hazard warning sign shall be placed at the entrances where chemical are used/stored, or where bulk containers are located. 15.4(4)a(5)
5. Water Heater/Boiler
Electric water heaters shall bear the seal of UL, Underwriters Laboratory, Chicago, Illinois. 15.4(1)e(1) 15.51(1)h(1) Gas-fired heaters shall be equipped with a pressure relief valve. 15.4(1)e(2) 15.51(1)h(2) Fuel-burning water heaters shall be vented to the outside in accordance with the Iowa State Plumbing Code. 15.4(1)e(3) 15.51(1)h(3)

X		Rooms with fuel-burning equipment shall have one or more openings to the outside for providing combustion air. 15.4(1)e(4) 15.51(1)h(4)
6.	Gas Ch	nlorine Room (Gas - Vents, Lights, Gas Cylinders) Room shall have an airtight exhaust system which takes its suction near the floor & discharges out of doors in a direction to minimize the exposur to swimming pool patrons. The system shall provide one air change every 4 minutes. 15.4(4)n(1) An air intake shall be provided near the ceiling. 15.4(4)n(2) The exhaust fan shall be operated from a switch in a nearby location outside the chlorine room or building. 15.4(4)n(3) A plastic bottle of commercial strength ammonia solution for leak detection shall be provided. 15.4(4)n(7)
SHO	WERS	/Toilets/Dressing Rooms
1.	Cleanli	ness Users shall have access to showers, dressing rooms & sanitary facilities that are clean & free of debris. 15.4(5) Floors shall be slip-resistant and be maintained without standing water (to the extent practical). 15.4(5)a Carpet shall not be installed in wet areas of the bathhouse/dressing area. 15.4(5)c
2.	aciliti	es Working All lavatories, showers & sanitary facilities shall be functional. 15.4(5)d Soap shall be available at each lavatory and at each indoor shower fixture. 15.4(5)e
3.0	GFI's/I	Hosebibs 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 of breaker serving the outlet. 15.4(4)m(1) 15.51(4)j(1) A hose bib(s) shall be provided within the bathhouse or dressing area. 15.5(21)e
IOV	SMC	OKEFREE AIR ACT - Iowa Code § 142D: No violations observed (No evidence of smoking in prohibited areas, no ashtrays present, signs posted at entrances).

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Comments: **REMINDER** As of March 2013 All recreation facilities, con Disability regulations, including its ADA standards for Accessible Design. board.gov/recreation/guides/pools.htm.	rered by ADA will be required to comply with the new Americans with Guidelines available at http://www.access-
DOMEST PRODUCTION OF THE PRODU	
Send Dactonia test results.	
Add into to emergency plan	
This report indicates the conditions of the pool/spa at the time of i If at any time one or more of the following issues are present, the	
 The free chlorine measurement is less than 0.6 ppm or the The free chlorine measurement exceeds 8.0 ppm or the br 	e total bromine measurement is less than 1.0 ppm. romine 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 or reflection, and/or inadequate lighting.) 	can be caused by problems such as poor water clarity, surface
 Two consecutive positive test results for coliform bacteria. Health office should be contacted, the pool shall be shock 	(After the first positive result, the Story County Environmental
disinfectant residual returns to above acceptable levels. T reopen once no coliform bacteria are detected and the abo	he pool shall be closed if the second sample is positive and may
	6/20/17
Pool/Spa Representative	Date
AND A 1 -1.	1-24 10
County Representative	Date