3200gal

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

Form from IDPH 2-9-11

## 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

			Registration #: O	5-1544-060-	2-F-m!
Facility Name:	Samuel DT M	ctarland Clin	10		A 1 00 1
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Person Contacted	Tom Be		Therapy	Paol	
Title: N	1 - 701	nician 11			Chata: Zin:
		maan m	and organization of the second	City: A	State: Zip: Sool D
Facility Physical /	Address: 2707 Stange	· Rd	Tanana and the same and the sam	Ames	TOWA STATE
a man Marketin to the control of the	2707 Stange	ISO ISO	and the second s	Date of Inspection:	
County:	Story				
Name of CPO(s)	Tom Bell		TO SUBMITTED TO	STORY COUNTY ENVIR	ONMENTAL
A CORRECTION	Tom Bell V PLAN ADDRESSING EAC	H VIOLATION MUS	T BE SORWILLED TO	31011 000	THE RESIDENCE OF THE PROPERTY
HEALTH, WITH	IN 15 BUSINESS DAYS O	F THE INSPECTION	A CONTRACTOR CONTRACTO	A STATE OF THE PARTY OF THE PAR	
	and the second second second			(7.2.7.0)	with the second
A. WATER CHEMISTR		The second control of	pH	6.8-8.2 (7.2-7.8)	7.5
Temperature	<= 104° if spa	910F			The second secon
			Alkalinity		
Total Chlorine		The proof of the second of the	Calcium Hardness		
Free	0.6-8.0 (1.0-8.0)	5.6	1/m0 (200-900	)	The second state of the se
Chlorine		The second secon	Cyanuric Acid	<= 80 ppm	
Combined			1/1/12		770
Chlorine	1.0-18.0 (2.0-18.0)	10.00	ORP Reading		
Total Bromine	1.0 10.0 (2.1	ALTO CONTROL OF THE PROPERTY O	700-800		
2. requency of Req	of certified operator, megdard,	e(1)-(6) Spa 15. g and every 4 hours; free 2 hours; free Cl (Br) and ach fill.	.51(2)e e CI (Br) 2x daily; combined d temperature 2x daily+; co	I CI, total alkalinity and cyanu ombined CI and cyanuric acid ·	ric acid weekly; calcium daily; total alkalinity weekly
V LI LI Sample	E (O d lens for isease	way/chaff plans GEI/back	wash records Poc	I 15.4(6) Sp	a 15.51(5)
3. Operational record	ls, operations manuals, emergers of chemical tests.  Iter temperature. The spa shall	ncy/staff plans, GFI/back	Wash records		
Results Report Report Dates Dates GFI rec MSDS A perm Program Main d test da	nter temperature. The spa shands of monthly microbiological analise of complaints, accidents, injuring quantities of chemical additions when filters were backwashed, or ceptacles & breakers shall be tested at the pool of the micals used at the pool of the manual for the operation guard staffing plan for the facilities conducted at the pool. The rain and SVRS documentation (Vice(s) recorded. 15.4(3)h(1) & containing 500 gallons of water of the drain & refill shall be at the pool of the drain & refill shall be at the containing the serial shall be at the containing the serial shall be at the complex containing the serial shall be at the containing the containing the serial shall be at the containing the containing the serial shall be at the containing the containing the serial shall be at the containing	es, & illness.  is, including resupply of oleaned or a filter cartridg  ited at least Ix/month; d  vided. It must be review  of the facility shall be ke  y shall be available to the  (GB) with dates of install  (3) Spa 15.  or less shall be drained,  two weeks, and a spa co	chemical feed systems. ge was changed. lates of tests shall be reconed annually and the date(snust be reviewed annually aget at the facility. e inspector at the facility.	ded.  ) of review recorded.  nd the date(s) of review recorded  The plan shall include staffing  (Each SVRS must be tested include)  The plan shall include staffing	at least monthly and the
	i i				

S U N/A
Pool /SPA AND SURROUNDING AREAS  I. First Aid Kit Pool 154(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 & light for the swimming pool facility shall have a first-aid kit which contains a supply of bandages, bandage compress, self-adhering gauze bandage & light for the swimming pool facility shall have a first-aid kit shall be prominently mounted in the swimming pool enclosure, or a sign disposable gloves. Where life guards are not present, the first-aid kit shall be prominently mounted in the swimming pool stating its location shall be posted near the swimming pool.
taking ite location shall be busice near
2. Telephone Pool 15.4(4)f(7) Spa 15.51(4)d  2. Telephone Pool 15.4(4)f(7) Spa 15.51(4)d  A designated emergency telephone shall be available to the users of a swimming pool/spa enclosure, management shall post a sign(s) indicating the 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.
spa 15 51(4)k
3. Electrical Outlets Pool 15.4(4)m Spa 15.51(4)k  [In Image: Property installed ground fault on the deck & in the swimming pool/spa treatment equipment areas shall be equipped with a properly installed ground fault on the deck & in the swimming pool/spa treatment equipment areas shall be equipped with a properly installed ground fault on the deck & in the swimming pool/spa treatment equipment areas shall be equipped with a properly installed ground fault or interrupted (GFCI) at the outlet or at the breaker serving the outlet.
4. Signs (Rules posted/spa bather load)  Pool 15.4(6)b  Spa15.51(5)b  4. Signs (Rules posted/spa bather load)  Pool 15.4(6)b  Pool 15.4(6)b  Spa15.51(5)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
4. Signs (Rules posted/spa bather road)
Shallow end, No horsepay, the posted at each entry to a swimming pool of a waturing pool
5. Spa Jet Timer and Emergency Stop 15.51(4)   The spa Jet Timer and Emergency Shutoff switch shall be installed near the spa. The timer cycle shall be 10 minutes or less.  The switch shall stop both the filter and the jet pumps.  The switch shall stop both the filter and the jet pumps.
6. Pool/Spa Lighting Pool 15.4(4)m(2) Spa 15.51(4)j(4)  Overhead and underwater lights shall be Provided for indoor pools/spas and for outdoor pools/spas used after sunset. Overhead and underwater lights shall be Provided for indoor pools/spas and for outdoor pools/spas used after sunset.
functional.  [] Underwater lights operating at more than 15 V shall be equipped with a GFCI.
/. Deck Clean/Drainage/Slip Resistant Pool 15.4(4)k Spa 15.51(4)h  /. Deck Clean/Drainage/Slip Resistant Pool 15.4(4)k Spa 15.51(4)h    Deck Clean/Drainage/Slip Resistant Pool 15.4(4)k Spa 15.51(4)h
Decks shall have a ship resistency dark
8. Plarity Pool 15.4(2)c 15.51(2)c  Note: The proof of the grate openings on the main drain are not clearly visible (>8 ft deep, main drain is clearly visible).  A swimming pool shall be closed if the grate openings on the main drain are not clearly visible when the jet system is off.  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.
Spa 15.51(3)b
9. Pool deanliness Pool 15.4(3)b - Spa 15.51(3)b
Spa 15.51(4)e  Pool 15.4(4)g  Spa 15.51(4)e
10. Water level Pool 15.4(4)g Spa 13.51(4)g    Swimming pool & spa water levels shall be maintained at the skimming level.
11. Color (Walls, Bottom)  Pool 15.4(4)i(1)  The bottom & sides of a swimming pool shall be white or a light color.
12/Smooth Finish Pool 15.4(4)i(2) Spa 15.51(4)
C 15 51(A);
13/ Sharp/Rough Edges - 1700 13.1 (1)/k                No sharp or excessively rough edges shall be present in or around the swimming pool/spec.
Gutters/skimmers Pool 15.4(1)b(3) Spa 15.51(1)e
Skimmers shall have an easily removable braket of place of the equalizers must be plagged.  Skimmer equalizer openings in the pool/spa must have VGB compliant fittings or the equalizers must be plagged.  Skimmer equalizer openings in the pool/spa must have VGB compliant fittings or the equalizers must be plagged.  Pool 15.4(4)h Spa 15.51(4)f
Inlets Pool 15.4(1)b(4) Spa 15.51(1)d  Inlets shall provide for uniform distribution of disinfectant residual.  Inlet openings shall be 1" diameter or less Pool 15.5(8)b.  Spa 15.52(8)b
Spa 15.51(4))
Main Drain and other submerged outlets (VGB)  Pool 15.4(4)h  Each outlet including the main drain(s), shall be designed to prevent human entrapment.  Each drain shall have a cover with openings or slots no more the ½ inch wide.  Drain covers shall not be removable without the use of tools.
Drain covers shall not be removable

<b>S</b> 17.		dary 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.
		A stripe at least 4 inches wide shall be marked on the floor and walls of the pool at 3 rect depart of at the segment of the the segment of the floor and walls of the pool at 3 rect depart of at the segment of the floor and walls of the pool at 3 rect depart of at the segment of the floor and walls of the pool at 3 rect depart of at the segment of the floor and walls of the pool at 3 rect depart of at the segment of the floor and walls of the pool at 3 rect depart of at the segment of the floor and the segment of
18.	Deptl	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 Di	wing 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 R	esistant Markers - Pool 15.4(4)j(6):  Letters, numbers & graphics marked on decks shall be slip resistant.
21.	Emyer	gency 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 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.	-	Ladders, Italians, Stairs, Ladders & Ramps  Fool 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 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.
TOTAL STATE		Where recessed steps are provided, securely anchored such ascurrely anchored handrail.  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.	Lifegu	lards and Lifeguard Chairs - Pool 15.4(4)d & e:  Ulfeguards 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.	Startin	g 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. [V	Alose	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 vacuum breaker backflow preventers shall be provided on all hose bibs at a swimming pool or spa facility, including shower rooms, and pool vacuum breaker backflow preventers shall be provided on all hose bibs at a swimming pool or spa facility, including shower rooms, and pool vacuum breaker backflow preventers shall be provided on all hose bibs at a swimming pool or spa facility, including shower rooms, and pool vacuum breaker backflow preventers shall be provided on all hose bibs at a swimming pool or spa facility, including shower rooms, and pool vacuum breaker backflow preventers shall be provided on all hose bibs at a swimming pool or spa facility, including shower rooms, and pool vacuum breaker backflow preventers shall be provided on all hose bibs at a swimming pool or spa facility, including shower rooms, and pool vacuum breaker backflow preventers shall be provided on all hose bibs at a swimming pool or spa facility, including shower rooms, and pool vacuum breaker backflow preventers shall be provided on all hose bibs at a swimming pool or spa facility, including shower rooms, and pool vacuum breaker backflow preventers shall be provided on all hose bibs at a swimming pool or spa facility, including shower rooms, and pool vacuum breaker backflow preventers are spaced by the provided of the provided on all hose bibs at a swimming pool or spa facility, including shower rooms, and pool vacuum breaker backflow preventers are spaced by the provided on all hose bibs at a swimming pool or spa facility, including shower rooms, and pool vacuum breaker by the provided on all hose bibs at a swimming pool or spaced by the provided on all hose bibs at a swimming pool or spaced by the provided on all hose bibs at a swimming pool or spaced by the provided on all hose bibs at
26./	Fencir	Except for a fill & drain wading pool, a swimming pool shall be chaosed by a rather,
V		A fence, wall or other means of enclosure shall have no openings, other than gateways a doorways, and
		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 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 support accessible from the outside of the facility, or between the two lowest horizontal support accessible from the outside of the facility, or between the two lowest horizontal support accessible from the outside of the facility or between the two lowest horizontal support accessible from the outside of the facility or between the two lowest horizontal support accessible from the outside of the facility or between the two lowest horizontal support accessible from the outside of the facility or between the two lowest horizontal support accessible from the outside of the facility or between the support accessible from the outside of the facility or between the support accessible from the outside of the facility or between the support accessible from the outside of the facility or between the support accessible from the outside of the facility or between the support accessible from the outside of the facility or between the support accessible from the outside of the facility or between the support accessible from the outside of the facility or between the support accessible from the outside of the facility or between the support accessible from the outside of the facility or between the support accessible from the facility or between the support accessi
		If a wading pool is within 50 ft of a swimming pool, the wading pool shall have a barrier defeater the
		pool.  Man 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/  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 4 installed 2 ½ to 3 ft from the side of the wave pool. Users shall not be permitted in this area.	2 inches high and be
27	. Gates	Pool 15.5(4)I(3)  A gate at least 36 inches in width shall be provided for emergency purposes.  Gates must be lockable.  Where lifeguards are not provided, gates/doors must be self-closing and self-latching.	
Di 1.	ving v Board	well Pool 15.5(13)a rd & Platform: Pool 15.4(4)c    V Diving boards & platforms over 3 meters high are prohibited except where approved by the department.    V Diving boards & platforms shall have slip-resistant surfaces.    V Diving boards shall have no cracks or other obvious structural defects.	
2.	Water	ter Depth Pool 15.4(4)c ]	
3. [ [	Suppo       	port Structure(s) Pool 15.4(4)c Supports, platforms & steps for diving boards shall have no obvious structural problems. Diving board steps in good repair and slip-resistant Handrails and guard rails present and secure.	
1.	Chute	Slides/Swimming Pool Slides  Ite Structure(s) - Pool 15.4(4)o:  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. [_ [_	Landi ] []	nding areas Pool 15.4(4)o Plunge pool depth shall be at least 3 ft and no more than 4 ft at the end of the flume and for at least 15 ft beyond the end of Plunge pool depth shall be at least 3 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 and for at least 15 ft beyond the end of the flume and for a painted area (swimming pool slide shall be designated by a float line or a painted area (swimming pool slide shall be designated by a float line or a painted area (swimming pool slide shall be designated by a float line or a painted area (swimming pool slide shall be designated by a float line or a painted area (swimming pool slide shall be designated by a float line or a painted area (swimming pool slide shall be designated by a float line or a painted area (swimming pool slide shall be designated by a float line or a painted area (swimming pool slide shall be designated by a float line or a painted area (swimming pool slide shall be designated by a float line or a painted area (swimming pool slide shall be designated by a float line or a swimming pool slide shall be designated by a float line or a swimming pool slide shall be designated by a float line or a swimming pool slide shall be designated by a float line or a swimming pool slide shall be designated by a float line or a swimming pool slide shall be designated by a float line or a swimming pool slide shall be designated by a float line or a swimming pool slide shall be designated by a float line or a swimming pool slide shall be designated by a float line or a swimming pool slide shall be designated by a float line or a swimming pool slide shall be designated by a float line or a swimming pool slide shall be designated by a float line or a swimming pool slide shall be designated by a float line or a swimming pool slide shall be designated by a float line or a swimming pool slide shall be designated by a float line or a swimming pool slide shall be designated by a swimming pool slide shall be designated by a	the flume. ool slides).
W	ATER (	RQUALITY	
1.	,	ter Supply Pool 15.4(1)d Spa 15.51(1)g  The water supplied to a swimming pool/spa shall be from a water supply meeting the requirements of the IDNR for potable values and the water supplied to a swimming pool/spa shall be discharged to the system through an air gap or a reduced principle backflow Water supplied to a swimming pool/spa shall be discharged to the system through an air gap or a reduced principle backflow Reduced pressure backflow preventer must be tested annually. Record of test must be available.	vater. device.
2.	Wate	nter Quality Test Results Pool 15.4(2) Spa 15.51(2)  Refer to Iowa Code sections listed & Aquatic Facility Testing & Record Keeping Requirements handout provided.	
3	/est	st Kit Pool 15.4(2)f Spa 15.51(2)  A swimming pool/spa facility shall have functional water testing equipment for free chlorine & combined chlorine, or total broalkalinity; calcium hardness; & cyanuric acid.	mine; pH; total
6	. Nacu	cuum Cleaner Pool 15.4(3)b(2)  A vacuum cleaning system capable of reaching all parts of the pool bottom shall be provided.	
V	VATER	R TREATMENT EQUIPMENT	
	. Circul	culation Equipment Pool 15.4(1)a & b Spa 15.51(1)a & b  The filter pump shall be operating. Pressure gauges at filter pump (before and after) and filter shall be functional.  The circulation system flow meter(s) shall be functional.	
2	Disir	sinfection/Chemical Feed Pool 15.4(3)a Spa 15.51(3)a  Disinfection chemical equipment shall be working.  Poll chemical feed equipment shall be working.  ORP/pH controller shall be working and shall activate chemical feeders as necessary.	
Ī	. Solu	olution Tank Pool 15.5(11)e Spa 15.52(11)e  If a sodium hypochlorite tank is larger than 55 gallons, secondary containment is required.	
	. Che	nemical Storage Pool 15.4(4)a Spa 15.51(4)a  Swimming pool/spa treatment chemicals shall be stored & handled in accordance with the manufacturer's recommendations  Chemical storage containers shall be clearly labeled.  A chemical hazard warning sign shall be placed at the entrances to rooms where chemical are used/stored, or where bulk co	ntainers are located.
	wat	ater Heater/Boiler Pool 15.4(1)e Spa 15.51(1)h  Electric water heaters shall bear the seal of UL, Underwriters Laboratory, Chicago, Illinois.  Gas-fired heaters shall be equipped with a pressure relief valve.  Fig. Fuel-burning water heaters shall be vented to the outside in accordance with the Iowa State Plumbing Code.	

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. To add Society dispersion
3. GFI's/Hosebibs - Pool 15.4(4)m(1): - Spa 15.51(4)j(1):
IOWA SMOKEFREE AIR ACT - Iowa Code § 142D:  No violations observed (No evidence of smoking in prohibited areas, no ashtrays present, signs posted at entrances).

CPO: Tom Bell 515-509-4126 exp. 3/6/18

Charles A. Pille exp. 3/5/19

James L. Thomas exp. 3/6/17

Randall L. Bitz 3/6/17

SDrain ax/yr, replace contridge filters

Cl/muriatic acid

Disa	omments: **REMINDER** As of March 2013 All recreation facilities, covered by ADA will be required to comp sability regulations, including its ADA standards for Accessible Design. Guidelines available at <a a="" href="http://www.a&lt;/a&gt; &lt;a href=" http:="" www.a<=""> </a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a></a>
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