

CITY OF NORTH RICHLAND HILLS
AQUATIC FACILITY OPENING CHECKLIST 2020

ALL ITEMS LISTED BELOW MUST BE MET PRIOR TO SCHEDULING AN OPENING INSPECTION

LIFE / SAFETY:

- Emergency phone** must work, must only call emergency response or emergency response company, must NOT be answered by the office), must have the CORRECT ADDRESS of the pool location, must be within 200 ft unimpeded of the pool/spa, and must be outside the pool fence area
- Annual Electrical Requirement Certification** completed by Licensed Electrician
- All electrical equipment must be connected to **GFCI**
- Pool lights** must be (.5 watts/ft²) (or watt equivalent) for pool/deck area, **lights ON** for opening inspection
- Life safety equipment must be on site**
Shepherd's Hook: with a 12 ft, non-conducting, non-telescoping, fiberglass, plastic, or wood reach pole
Life Ring, Safety Line: US Coast Guard-approved, 15" diameter ring, 1/3-3/8" attached rope, long as max pool width
- Float Line and a (4 inch) painted stripe** or tile band in a contrasting color on the pool bottom are required for pools **deeper than 5 feet** at the **transition points** from shallow to deep

POOL FENCE / ENCLOSURE / GATES:

- Fence** must be **6 ft** in height, in **good repair**, **no 4 inch** diameter **gaps** under fenceline or between pickets
- Gates** must **self-close** and **self-latch**
- No structures** within **3 feet** of the pool fence that may allow children to climb fence

CHEMISTRY / CLARITY:

- Approved drain covers** must be installed over drains, attached with **stainless or brass screws** (drain covers must be stamped with flow rate (gpm) and ASTM/ASME A112.19.8M)
- Water clarity: the **bottom of the pool must be clearly seen**
- Water chemistry: all **chemicals must be properly balanced**

Pool:	Free Chlorine	2* - 8 ppm	Spa:	Free Chlorine	2 - 8 ppm
	pH	7.2 - 7.8		pH	7.2 - 7.8
	CYA	<90 ppm		CYA	0 ppm

*1 ppm approved with 0 ppm CYA

SIGNAGE:

- All required Signage must be posted**
- "No Diving" + International No Diving Symbol, at least **4 inches** in height
- "Children Should Not Use Pool Without Adult Supervision" at least **2 inches** in height
- Clear directions to Emergency Phone** - outside every gate & inside the pool yard, at least 1 inch in height
- "In Case of Emergency, Dial 911" at least **1 inch** in height
- "Warning-No Lifeguard On Duty" at least **4 inches** in height
- "Shower Required Before Using the Pool" (no size or placement requirements)
- Location of Emergency Shutoff device (required for all spas), **1 inch** in height (or more)
- "Do Not Use the Spa if the Water Temperature is Above 104 Degrees Fahrenheit" for all spas, **1 inch** in height
- "No Alcohol While Using the Spa" sign

PUMP ROOM:

- All **piping** must be labeled with **Direction of Flow** and **Function**
- SVRS** (if required) must be operational and tested at time of opening inspection
- Emergency Shutoff** must be operational and tested at the time of opening inspection (spas)

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PUMP ROOM, continued:

- Chemicals must be stored off the ground
- Required gauges must be properly installed and working**
Flow Meter: installed (*flow rate must never exceed approved flow rate printed on drain covers*)
Filter Inlet Pressure gauge: installed prior to the filter
Filter Outlet Pressure gauge: installed after filter
Vacuum gauge: installed on suction side close to the pump
- Spare drain cover** must be on site (*drain cover approved flow rate must be greater than system flow rate*)

DECK & POOL WALL:

- Depth Markers (4 inches** in height or greater) must be **permanent** in nature, **contrasting color**, slip resistant, and must include the **unit of measurement** (i.e. 3 FT)
Pools: spaced **25 feet** (*post 10/01/99 pools*) apart or less, placed **within 24 inches of water's edge** required on DECK and POOL SIDE WALLS
required for every 2 feet of depth change (i.e. 3 FT - 5 FT - 7 FT - 9 FT)
Spas: 2 required depth markers on the deck, regardless of spa shape or size
- "NO DIVING"** and **International No Diving symbol (4 inches** in height or greater) must be permanent in nature, spaced every **25 feet apart** around the pool where depth is 6 ft or less, all sides must be contrasting color, placed **within 24 inches of water's edge**
ALSO required to be on any structure surrounding pool that may be used as a diving platform
- No trip hazards** on deck (any gaps or cracks sealed with mastick, depth markers/tiles not raised)
- No jagged or sharp edges** on coping or handholds surrounding pool/spa
- Trash can is required

TESTING AND TRAINING:

- Chemical Test kit** must be available, chemicals should be new for the season
HIGHLY RECOMMEND FAS-DPD TEST KIT (TEST KIT INSPECTORS USE IN THE FIELD)
- Pool chemistry must be tested daily**
2 years of pool/spa testing records must be kept on site for review-- visit <http://nrhtx.com/aquaticfacilities>
- Certified Pool Operator** (A.F.O., C.P.O., P.O.O.L., P.P.S.O, L.A.F.T., etc.) must be on staff to service the pool
- CPO registered with City of NRH**
- NRH Pre-Season Meeting attended** - CPO and management are both encouraged to attend
- Provide current TURNOVER RATE for all pools/spas (see calculation below)

Pool:	
PRE-10/01/99:	1 time every 8 hours or less
Post-10/01/99:	
4 ft or less:	1 time every 6 hours or less
More than 4 ft:	(average pool depth in feet) x 1.5= ___/hour (turnover rate)
2 ft or less:	1 time every hour

Spa:	
PRE-10/01/99:	1 time every 30 minutes
Post-10/01/99:	1 time every 30 minutes

**Note: The Certified Pool-Spa Operator Handbook states the following equation to verify turnover rate:
Flow Rate = Pool Volume (gal) / Turnover Rate x 60
(flow rate (gpm) is found by reading the flow meter)

- 2020 Pool Permit must be paid**
- Schedule an inspection of the pool(s)/spa(s) with Consumer Health 817-427-6650
- POOL/SPA(S) MUST REMAIN LOCKED & POSTED CLOSED UNTIL APPROVED BY CONSUMER HEALTH.**