

**CITY OF NORTH RICHLAND HILLS
AQUATIC FACILITY OPENING CHECKLIST 2021**

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

LIFE / SAFETY:

- Emergency phone** working, only calls emergency response/emergency response company, NOT be answered by the office, **CORRECT ADDRESS** of the pool location, within 200 ft of pool/spa, and 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: 12 ft, non-conducting, non-telescoping, fiberglass/plastic/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, (4") painted stripe/tile band**, contrasting color at pool bottom for pools deeper than 5 FT

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
- "No Lifeguard on Duty" at least **4 inches** in height
- "In Case of Emergency, Dial 911" at least **4 inches** in height
- "Persons Under the Age of 14 Should Not Be in the Pool/Spa Without Adult Supervision" at least **2 inches** in height
- "Pets in the Pool Are Prohibited" at least **2 inches** in height
- "Do Not Swim If You Have Been Ill with Diarrhea Within the Past 2 Weeks" at least **2 inches** in height
- "Changing Diapers within 6 Feet of the Pool is Prohibited" at least **2 inches** in height
- "Glass Items Not Allowed in Pool Yard" at least **2 inches** in height
- "Extended Breath Holding Activities Ar Dangerous and Prohibited" at least **2 inches** in height
- Clear directions to Emergency Phone** -- inside the pool yard, at least **2 inches** in height
- Maximum User Load Limit--at least **2 inches** in height
- Hours of Operation--at least **1 inch** in height
- Signage posted above emergency phone to identify it--at least **1 inch** in height
- Location of drinking water (if not inside enclosure)--at least **1 inch** in height
- Instructional signs for wave pools/slides/etc. if applicable--at least **1 inch** in height
- Clear operating instructions for emergency phone posted at device--any size letters
- Emergency shutoffs for pools clearly labeled--any size letters

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- Spa Specific: "Emergency Spa Shutoff"--at least **2 inches** in height
- Spa Specific: "Do not use the spa if the water temperature is above 104°F"--at least **1 inch** in height
- Spa Specific, if audible/visible alarm present when emergency shutoff activated: "Alarm indicates spa pumps off. Do not use the spa if the alarm is present."--any size letters
- Spa Specific: "Do not allow the use of or operate spa if the suction outlet cover is missing, damaged, or loose."--any size letters
- Spa Specific: "Keep breakable objects out of the spa area"--any size letters
- Spa Specific: "Spa shall not be operated during severe weather conditions."--any size letters
- Spa Specific: "Never place electrical appliances within 5 feet of the spa."--any size letters
- Spa Specific: A clock must be visible from the spa. Any size.

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)

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
- Chemical interlock protection and pH/ORP meters required if using liquid chemical dispensers

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***
***18 inches for new/replaced depth markers**
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)
required at all points of slope change, at both sides and each end of pool, at min and max water depths
 - 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 *See handout at nrhtx.com/aquaticfacilities**
- 2 years of pool/spa testing records** must be kept on site for review
- 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 ONLINE FOR 2021 - Completed & Test Submitted**
- Provide current **TURNOVER RATE** for all pools/spas (see calculation below)

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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)

- 2021 Health Permit must be paid**
- Schedule a health 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.**

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Do not use spa when alarm sounds and light is illuminated until advised otherwise."
Use letters