


Livingston County Health Department
Pre-Opening Checklist for Swimming Pools

To ensure an approved seasonal opening, please complete and submit this checklist to hblair@livgov.com at least 1 day prior to your scheduled opening.

Pool Name: _____

Address: _____ Phone Number: _____

I certify that all items have been reviewed and adhere to MDEQ Swimming Pool Rules.

Name: _____ Date: _____

Pool, including Water Quality:

_____ Water must have the appropriate disinfectant and pH level. Use the following chart.

Disinfectant	pH	pH
	7.2 to 7.5	7.5 to 8.0
Bromine	2.0	2.0
Chlorine	1.0	2.0
Chlorinated cyanurate	2.0	4.0

_____ Total alkalinity of water is 80-120 ppm.

_____ Calcium hardness of water is 200-400 ppm.

_____ Water is clear and the main drains seen clearly from opposite end of pool.

_____ Water temperature is less than 86F for pools and less than 104F for spas.

_____ Pool provided with two (2) or more main drains fitted with anti-entrapment covers. At a spa, one main outlet may be in sidewall.

_____ Gutter or skimmers are functioning (floating weirs or door weirs *must be* present for skimmers). Note: 80% of total pool circulation should be passing through skimmers and only 20% through main drains. Check this by closing the main drain valve and observing a reduction in flow rate.

_____ Water inlets working and pointed downward.

_____ Pool sides and bottom are clean.

_____ Lifeline in place at drop-off, across pool at point where water is 5 feet deep.

_____ Ladders and railings secured.

_____ Edge of stairs and any drop off or sudden depth changes in the swimming pool are marked with a contrasting color.

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Safety Equipment:

- _____ Safety equipment on-hand and in good repair, including a spine board, first aid kit, blood spill kit, 12 foot long rescue pole and a ring buoy with rope attached. *See Safety Equipment Checklist sheet for details.*
- _____ Emergency telephone available in the pool enclosure or another approved location with a sign in the pool area indicating where the phone is located. A sign at the emergency phone listing emergency phone number, pool name and address.
- _____ If lifeguards are required at the pool, a copy of their valid CPR certificate and verification of completion of a lifeguard course must be available. Lifeguards must be dressed to respond to an emergency and have a megaphone or other public address system, whistle, rescue tube, guard where the water depth is greater than 3.5 feet.
- _____ One resuscitation mask per lifeguard on duty.

Signage:

- _____ Bather Load Limit
- _____ No Lifeguard on Duty (if required)
- _____ No Diving marked on pool deck where water depth is less than 5 feet.
- _____ Sign prohibiting the consumption of alcoholic beverages in a spa.
- _____ Sign warning against the use of pool or spa after the consumption of alcoholic beverages.
- _____ Ensure that persons with communicable diseases and infectious conditions, such as a cold or open blister, are excluded from a swimming pool unless they have a doctor's note.
- _____ Ensure people using the swimming pool take a cleansing shower before entering the pool enclosure.
- _____ Ensure that people do not spit in, or otherwise pollute, swimming pool water.
- _____ Sign prohibiting glass, other breakable materials, and hazardous objects or materials in the pool enclosure.

Pump & Mechanical Room:

- _____ Pump and filters working properly (operator must be familiar with pool plumbing and backwashing procedures).
- _____ Chlorinator or brominator functioning properly.
- _____ Vacuum/pressure gauges on or near filter are working.
- _____ Flow meter functioning properly and flow at proper level.
- _____ Direction of flow in pipes is marked with arrows.
- _____ Vacuum hose is in good repair.
- _____ Chlorine or bromine containers stored off the floor and in a manner that prevents accidental spillage and/or mixing with other chemicals, such as acid and soda ash.

Pool Enclosure, including Pool Deck:

- _____ Fencing and self-closing gates around pool in good repair.
- _____ Pool deck surfaces: clean, no trip hazards, sloped to remove surface water.
- _____ Foot spray, poolside showers, hose bibs, and drinking fountain are working.
- _____ Vacuum breakers provided on hose bib connections.
- _____ Depth markers, including units of measure, and "No Diving" in legible letters not less than 4 inches high clearly marked on pool

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walkway.

- _____ Starting blocks, if provided, located at deep end of the pool.
- _____ Bath house and fixtures in good repair, soap and hot water provided (if applicable).

Pool Operation:

- _____ Test kit complete, provided with fresh chemicals and used daily. A cyanuric acid test kit is required when using a cyanurate for chlorine stabilization.
- _____ Ability to continuously recirculate, filter, and disinfect swimming pool water 24 hours per day with a turnover rate of 6 hours.
- _____ Information on how to appropriately superchlorinate, shock, or treat the water if you are notified of an unsafe water sample OR if there is a fecal, vomit or other accident in the pool.
- _____ Ability to backwash the swimming pool and knowledge of when this is to occur.
- _____ A contingency and emergency response plan has been prepared, implemented and minimally includes information on rescues & submersions, equipment failure, injury requiring medical attention and other conditions or events that create hazard to health and safety of persons using the pool.
- _____ Operation permit displayed.
- _____ A qualified person who is responsible for testing the water and for operating the water treatment equipment is *readily available* when the pool is open for use.
- _____ Monthly operation report forms need to be completed daily and faxed/mailed/emailed monthly to Livingston County Health Dept.
- _____ Have there been any construction modifications to the pool without permits from MDEQ? Please call LCHD with a description.

Safety Equipment Checklist:

Safety equipment is a necessary part of overall pool safety. All safety equipment MUST be available in a readily accessible, well-marked location prior to your approval to open. Please use the following checklist as a guideline.

A 24-piece first aid kit used primarily to treat small cuts, bruises, burns, and contains the following or equivalent:

(4) units of adhesive bandage, 1 inch by 3 inches	(2) units of large gauze compress, 24 inches by 72 inches
(2) units of 2-inch bandage compress	(2) units of 4-inch gauze roller bandages
(1) unit of 3-inch bandage compress	(2) units of triangular bandages
(1) unit of 4-inch bandage compress	(1) unit of scissors
(2) units of absorbent gauze pad, 3 inches by 3 inches	(1) unit of tweezers
(1) unit of gauze compress, 18 inches by 36 inches	(2) units of instant ice packs
(1) unit of adhesive plaster tape	(2) units of latex disposable gloves

- _____ A one-piece 12' long rescue pole with blunted ends, one end of which may have a shepherd's crook attached.
- _____ A ¼" diameter throwing rope as long as 1 ½ times the maximum width of the pool or 50', whichever is less, with one end attached to an 18" diameter ring buoy or rescue bag.
- _____ A kit to clean up blood spills which consists of as a minimum, a pair of medical-grade latex gloves and an antimicrobial hand wipe.
- _____ A spine board that has a minimum of 3 ties, runners, and a head immobilizer.
- _____ A telephone or other suitable means of communication for emergencies, at which a sign is posted indicating the phone numbers for emergency response agencies (i.e. 911), and the name and address of the swimming pool to assist emergency personnel in locating the facility.