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MACOMB COUNTY HEALTH DEPARTMENT

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TO: ALL OPERATORS OF INDOOR PUBLIC SWIMMING POOLS
FROM: ENVIRONMENTAL HEALTH SERVICES DIVISION

SUBJECT: ROUTINE POOL INSPECTION

The Michigan Department of Environment, Great Lakes, and Energy requires local health departments to inspect all indoor pools during the first quarter of the year. To make the most efficient use of your time and to minimize the necessity for re-inspection, this Department is providing a pre-inspection checklist to prepare you for your 2024 routine inspection.

COMPLETE AND RETURN ALL OF THE FOLLOWING ITEMS TO THIS DEPARTMENT BY JANUARY 31, 2024:

- * CHECKLIST (please answer all questions)
- * INSPECTION FEE
- * LABORATORY WATER TESTING CONTRACT
- * LICENSE

You will be contacted to schedule the inspection upon this department's receipt of all requested items (completed checklist, inspection fee, lab contract and license).

If your indoor pool and/or spa is not open at this time, please contact your assigned inspector.

Attachments: Checklist
Administrative Rules

**MACOMB COUNTY HEALTH DEPARTMENT
2024 INDOOR SWIMMING POOL
OPERATOR'S CHECKLIST**

THIS CHECKLIST MUST BE ACCURATELY COMPLETED AND RETURNED WITH INSPECTION FEE. UPON RECEIPT, YOU WILL BE CONTACTED TO SCHEDULE THE ANNUAL INSPECTION.

1. The license application and fees were submitted to the Michigan Department of Environment, Great Lakes, and Energy (EGLE).
Yes___ No___
2. I have a contract with an approved water testing company for the current year. Yes___ No___
Name of company: _____
Service dates: From _____ To: _____
3. Have all violations from the previous year been corrected? Yes___ No___
4. Were there any modifications/replacement made to the pool or equipment? Yes___ No___
If Yes, explain _____
If, Yes, were they approved by EGLE or the Macomb County Health Dept.? Yes___ No___
5. An emergency telephone is readily available and is functioning. Yes___ No___
(a phone inside a private residence is not acceptable) Date phone checked _____
6. The required first aid and safety equipment is provided and is in compliance. Yes___ No___
7. The pool filtration system has been operating for at least 24 hours and water chemistry is in balance. Provide the following information: Yes___ No___
Bromine/Chlorine _____ppm pH _____ Flow Rate _____gpm
8. A DPD type chemical test kit is provided and supplied with fresh chemicals. Yes___ No___

Inspection Fee: Number of licensed indoor pools/spas _____ x \$230.00 Total Enclosed \$ _____
(2024) (payable to: Macomb County Health Dept.)

NOTE: A pool and spa located in the same enclosure sharing the same mechanical room will be considered one pool.

The pool operator must be available at the time of the scheduled inspection to test the pool water, backwash the filtration system, and balance the skimmer flow if needed.

If you have any questions, please contact the Macomb County Health Department at (586) 469-5236.

FACILITY NAME _____

ADDRESS _____
Street City / Zip

OPERATOR NAME _____
(please print)

DAYTIME PHONE NUMBER _____

Signature Date

Date Pymnt Rcvd: _____ Check #: _____ Check Amnt: \$ _____ Receipt #: _____

ADMINISTRATIVE RULES FOR PUBLIC SWIMMING POOLS

Under administrative rules established through Act 368, P.A. 1978, and revised February 6, 2001, please take note of the following construction and operational requirements. These requirements must be met for approval to open your pool for this season.

1. Each pool entrance shall be equipped with a door or gate provided with self-closing and self-latching hardware and a lock. An entrance for bathers shall lead to the shallowest area of the swimming pool.
2. The swimming pool water depth shall be plainly marked on the deck next to the swimming pool wall. The depth must be indicated at the maximum and minimum depths, at a change in floor slope, at each end of the pool, at critical points and at intermediate points not more than 25 feet apart. Markers shall be legible numerals not less than four inches high.
3. Where the water depth is less than five feet deep at a swimming pool, the words "No Diving" shall be placed between depth markers on the deck. The words shall be legible letters at least four inches high.
4. A lifeline shall be provided at the five-foot depth or at the change in slope between deep and shallow areas. The line shall be 3/4-inch minimum diameter and have floats at five-foot intervals. Recessed attachments to secure the lifeline at the waterline are required.
5. The following equipment must be readily accessible for emergency use and be kept in good repair:
 - A. One piece, 12-foot long rescue pole with blunted ends;
 - B. One-quarter inch diameter throwing rope as long as one and one-half times the maximum width of the swimming pool or 50 feet (whichever is less). One end of this rope must be attached to the ring buoy, small float or rescue tube;
 - C. A long spineboard with at least three ties, a head immobilizer and runners;
 - D. One whistle, one rescue tube, one resuscitation mask per lifeguard, and a megaphone or public address system shall be provided at a pool where lifeguard service is provided.
6. A first aid kit, which contains the following materials, shall be provided:
 - A. Four units of adhesive bandages, 1 inch by 3 inches;
 - B. Two units of 2-inch bandage compress;
 - C. One unit of 3-inch bandage compress;
 - D. One unit of 4-inch bandage compress;
 - E. Two units of absorbent gauze pad, 3 inches by 3 inches;
 - F. One unit of gauze compress, 18 inches by 36 inches;
 - G. Two units of large gauze compress, 24 inches by 72 inches;
 - H. Two units of 4 inch gauze roller bandages;
 - I. Two units of triangular bandages;
 - J. One unit of scissors;
 - K. One unit of tweezers;
 - L. Two units of instant ice packs;
 - M. Two units of latex disposable gloves
 - N. One unit of adhesive plaster tape.
 - O. A swimming pool owner shall equip a swimming pool with a kit to clean up blood spills which consists of as a minimum, a pair of medical-grade latex gloves and an anti-microbial hand wipe.
7. A telephone or other suitable means of communication for emergencies shall be readily available. The location of the telephone or other means of communication shall be evident at the swimming pool.
8. The bather capacity limit shall not exceed the sum of seven persons per 100 square feet of water surface area where the water depth does not exceed five feet, four persons per 100 square feet of water surface area where the water depth exceeds five feet and one person per 100 square feet of usable deck area within the swimming pool enclosure.
9. The bather capacity limit shall be prominently displayed within the swimming pool enclosure.
10. Lifeguard service shall be provided if the swimming pool is owned or operated by a government, a governmental subdivision or agency, a public corporation, a school, or if the total water surface area within the swimming pool enclosure exceeds 2400 square feet, or if a diving board is provided.
11. Where lifeguard service is required, provide one lifeguard for every 75 people within the swimming pool when the pool is open for use.
12. A lifeguard shall meet the following requirements:
 - A. Be a capable swimmer and be competent in lifeguarding techniques;
 - B. Have satisfactorily completed a recognized course in CPR and other first aid measures such as are offered by the American Red Cross or the Michigan Heart Association. Valid and current evidence of successful completion of the course shall be posted at the swimming pool when it is open for use;
 - C. Have satisfactorily completed a recognized advanced or senior lifesaving course of instruction of the type offered by the American Red Cross or the YMCA. Valid and current evidence of successful completion of the course shall be posted at the swimming pool when it is open for use.

13. At a swimming pool where lifeguard service is not required and is not provided, a sign warning that no lifeguard is on duty must be posted. The sign must be in legible letters at least four inches high.
14. Under administrative rules, a pool may be ordered closed for any of the following problems:
 - A. A condition of the swimming pool equipment, structure, area or enclosure which jeopardizes the health and safety of the persons using or operating it;
 - B. The lack of properly functioning equipment or proper material for re-circulating, treating or testing the swimming pool water;
 - C. Lack of supervisory personnel, as required, or lifeguards, as required;
 - D. The presence of a pollutant or of a hazardous object or substance in the swimming pool;
 - E. Failure to meet water quality standards.
15. A person shall not start or engage in the construction of a public swimming pool or modify an existing public swimming pool until a permit for the construction is issued by the Michigan Department of Environmental Quality.
16. A swimming pool, which is not in use, or for which no operation permit is in effect, shall be maintained by the owner in a condition, which prevents its creating a hazard to health or safety.

In addition, the following routine items are required for initial and continued operation of the pool:

1. The deck or walkway must be in good repair, free of cracks, projections or raised edges.
2. Floors and walls are to be in good repair, with impervious smooth, light colored finishes.
3. The edges of stairs or ledges in a pool/spa and slope changes shall be marked with a color contrasting from the background color.
4. Food or drink and associated articles are permitted in a swimming pool enclosure only when the owner or operator provides poolside control to maintain safe and sanitary conditions. Food preparation is not permitted.
5. Properly located, functional rate of flow indicator, valving for regulating the rate of flow through the pool and required pressure and/or vacuum gauges and thermometer(s) shall be provided.
6. All pool inlets equipped with flow controllers to be operative.
7.
 - A. All skimmers to be operative and equipped with functional weirs and flow regulators;
 - B. Foot sprays, showers and drinking fountains to be operative.
8. Swimming pool water must be re-circulated, filtered, and disinfected continuously without interruption except for filter cleaning and required maintenance operations.
9. An electrically operated chemical feeder shall be electrically connected so it is energized only when the filtration pump is operating
10. The pool shall not be used when equipment for re-circulation, filtration or disinfection is functioning improperly.
11. A person knowledgeable in the operation of the pool equipment and in pool water testing must be readily available whenever the swimming pool is open for use.
12. Required MINIMUM DISINFECTION RESIDUAL (milligrams per liter):

<u>DISINFECTANT</u>	<u>pH 7.2-7.5</u>	<u>pH 7.5-8.0</u>
Chlorine	1.0	2.0
Chlorinated Cyanurate	2.0	4.0
Bromine	2.0	2.0

13. An approved chemical test kit, specific for the chemical(s) employed (chlorine, bromine, pH, cyanurates) must be provided at the pool.
14. A statement in writing, indicating the name of the approved laboratory you intend to employ for performing the once weekly bacteriological analysis of the pool water samples, must be submitted to this department prior to the swimming season.
15. The approved laboratory of your selection must submit reports weekly indicating the total bacterial counts and the coliform index.
16. Total bacterial counts in excess of 200 per milliliter or the presence of organisms of the coliform group in two consecutive samples is indicative of unacceptable water quality, and, as such, is unsuitable for bathing.

THE MACOMB COUNTY HEALTH DEPARTMENT WILL CONTACT YOU TO SCHEDULE AN OPENING INSPECTION WHEN ALL OF THE FOLLOWING HAVE BEEN COMPLETED:

- THE ANNUAL STATE POOL OPERATION PERMIT APPLICATION HAS BEEN MADE.
- A CONTRACT WITH AN APPROVED LABORATORY HAS BEEN SIGNED.
- THE POOL AND EQUIPMENT IS OPERATIONAL AND THE OPERATOR'S PRE-OPENING CHECKLIST HAS BEEN COMPLETED AND RETURNED TO THIS DEPARTMENT WITH THE INSPECTION FEE.

Should you have any questions please call:

* Macomb County Environmental Health (586) 469-5236