

## Artificial Lake Inspection Checklist

### Artificial Lake

- Has a sand, clay or mud bottom;
- Not lined with concrete, fibreglass, vinyl or similar material;
- Intended for swimming, wading, diving or one or more other water recreational activities;
- Has a water depth greater than 60 cm, and
- Has a surface area greater than 1,500 m<sup>2</sup>.
- Clearly marked with signs, buoy lines, buoy markers, and flags.
- All signs posted are clearly visible and meets the requirements of **Appendix B** of the **Artificial Lake Safety Guidelines**.

Is this facility operated after sundown?  **Yes**  **No**

#### If Yes:

- Outdoor lighting is provided for clear sight of all activities. (Section 11(2) of the *Swimming Pools and Other Water Recreational Facilities Regulation* refers lighting intensity)
- Public telephones or other communication devices/signage located at the following location: \_\_\_\_\_
- Beach entry to the lake is unobstructed at the water line to a minimum 1.3 m.

### The Swimming Area

- Consists of a sand bottom or equivalent to a 2 m water depth.
- Basin floor has a maximum bottom slope of:
  - 1:12 to a water depth of 1.5 m
  - 1:3 to a depth between 1.5 m to 2 m.
- Personal watercraft and boats kept away from public swimming area(s).
- Swimming area(s) clearly marked, visible and recognizable from the water as restricted areas in which personal watercraft and other boats are not allowed.
- No broken glass or hidden underwater dangers in the designated swimming area and waterfronts.
- Where hazards cannot be eliminated, hazards are identified, marked and minimized.
- Records kept of daily, weekly, and seasonal opening and closing inspections.
- Waterfront, equipment inspection and maintenance programs are followed.
- Unauthorized all-terrain vehicles, non-motorized and motorized vehicles are restricted from the waterfront.
- Rules regarding **pets** at the waterfront are developed, posted and followed.
- Water clarity meets aesthetic parameters.
- Written plan for chemical usage has been developed & records kept.
- Facility staff is easily identified by the public.

### First Aid Kit

- Fully stocked and accessible. **Refer to Appendix B of the Artificial Lake Safety Guidelines for requirements**
- Location of AED. \_\_\_\_\_

### Signage

- Posted at entrances and exits to the waterfront, or where there are no specific entrances and exits, at reasonable intervals along/near the swimming area, that conveys safety information.

See **Appendix A** of the **Artificial Lake Safety Guidelines** for appropriate signage requirements.

### Microbial Water Quality

#### Bacteriological Counts

- A minimum 5 water samples collected on each basin and submitted samples to an accredited laboratory for E.coli analysis **bi-weekly**.
- If a geometric mean (average) of the samples collected shows >200 CFU/100 ml; or if any single result shows >400 CFU/100 ml, the area Public Health Inspector must be consulted.
- Copies of all bacteriological reports kept on site for a period of 2 years.

#### Algae Blooms

Observed: Yes  No  **If Yes refer to Artificial Lake Safety Guidelines for sampling protocol.**

#### Safety Equipment

- One buoyant rescue aid (rescue can/rescue tube) for each lifeguard on duty.
- A buoyant throwing aid attached to a 6mm line at least 8 metres in length.
- Binoculars
- A paddle board (rescue board) or other rescue craft is available when any part of the swimming area is more than 50 metres from shore, or the surface area of the swimming area is greater than 2500 square metres.
- A rescue craft is available when any part of the swimming area is more than 25 metres from shore.

#### Lifeguards/Beach Safety Officers

Yes  No  **If Yes refer to Artificial Lake Safety Guidelines for qualifications and requirements.**

**Lifeguard Station and Storage Facilities**

Waterfront Stations Yes  No

**If Yes refer to Artificial Lake Safety Guidelines for requirements.**

Observation Towers : Yes  No

**If Yes refer to Artificial Lake Safety Guidelines for requirements.**

Storage Facilities: Yes  No

**Safety Plans and Emergency Procedures:** Yes  No

Written emergency procedures and instructions for the facility, should include, but not be limited to, the information specified in **Appendix C** of the **Artificial Lake Safety Guidelines**.

**Incident Reports**

- Incident reports are established and maintained to record the “who, when, where, why and what action taken” for all incidents and emergencies.
- Incident reports retained for a minimum of two (2) years.

**Communications**

- A telephone, or other communications device, is available for emergency use.
- A cellular telephone inside a waterproof bag, if a telephone line is unavailable.
- List of names and numbers of the local emergency services is posted.

\_\_\_\_\_  
Date Completed

\_\_\_\_\_  
Completed by (Print Name)

\_\_\_\_\_  
Signature