

Lake Holiday Country Club, Inc.
Maintenance of Dam
Resolution 2012-01
Supersedes LHCC, Inc. Resolution 2010-08

WHEREAS, The Lake Holiday Country Club (LHCC) is owner of the Lake Holiday Dam and, as such, is responsible for the rebuild of the Lake Holiday Dam Spillway to be in compliance with new legislation adopted by the Commonwealth in 2010 and the regulations promulgated by the Department of Conservation and Recreation, Dam Safety Division;

WHEREAS, That legislation, Virginia Code 10.1-605 §B, 1 thru 8 inclusive, requires certain actions be taken and maintained by the dam owner in perpetuity to qualify for a reduction in building requirements to handle a probable maximum precipitation (PMP) event from ninety percent to sixty percent of PMP (See 10.1-605 in Appendix B of this document) and;

WHEREAS, All future LHCC, Inc. Boards of Directors must ensure the Association continues to comply with the laws and requirements of the Commonwealth of Virginia specifically as it pertains to Virginia Code 10.1-605 §B, 1 thru 8 inclusive;

NOW THEREFORE, be it RESOLVED THAT the Board duly adopts the following policies and procedures regarding the conditions imposed by Virginia Code 10.1 605 §B, 1 through 8 inclusive, as implemented by the Department of Conservation and Recreation (DCR), Dam Safety Division.

It shall be the policy of the Association that:

1. The General Manager, at the first meeting of the newly elected Board of Directors known also as the organizational meeting, shall include in the board book a tab that contains this Resolution, inform the then seated Board specifically of its existence, and discuss the eight conditions to be continuously met.
2. The General Manager shall maintain contact with a designee of DCR to ensure that the Board is kept informed of any regulatory changes and will be prepared to work with DCR to take action necessary for continued compliance.
3. The General Manager shall ensure daily inspections of the Lake Holiday Dam are conducted in accordance with the plan in Appendix A of this resolution and shall provide a monthly summary status of the daily inspections and any findings in the GM's report to the Board
4. General Manager shall be responsible to the Board of Directors to oversee the daily operational compliance with the eight conditions of the Virginia Code 10.1 605 §B, 1 through 8

5. The General Manager shall in March of each year, or as otherwise needed, update the Lake Holiday Dam Emergency Action Plan (EAP). Once the updated EAP is approved by the Board, the GM shall send copies as required to the appropriate agencies and organizations and post the updated EAP to the LHCC Inc. web site to be maintained until the next update.
6. The General Manager shall ensure that a Table Top Exercise of the Lake Holiday Dam Emergency Action Plan will be scheduled with the appropriate authorities and executed every two years. The results of each such exercise along with lessons learned via the exercise shall be documented and reported to the Board at its next scheduled meeting after the conclusion of the exercise.
7. The General Manager will take the steps necessary to immediately advise the Board on any emerging information or actions that could affect compliance with Virginia Code 10.1-605 §B, 1 through 8 inclusive.

Appendix A

Plan for the Daily Inspection of the Lake Holiday Dam

1. The General Manager or his designee will be responsible to make these visual inspections:
 - a. A visual inspection of the embankment – upstream and downstream – for erosion, settlement, seepage, burrowing animals and woody plant growth infestations
 - b. A visual inspection of the embankment abutments to determine if there is any seepage
 - c. A visual inspection of the spillway to determine if there is any flow blockage or observable damage to include a brief estimate of spillway flow and height of the lake level if above normal.
 - d. A weekly visual inspection of the toe drains and outlet channel to determine if there are any blockages or improper discharges, weather permitting
 - e. A weekly check on the piezometer monitoring system to ensure that it is functioning properly and that there are no readings warning of excessive changes
2. Inspection of the Dam will be accomplished on a daily basis (except noted items) and the results entered into a log in accordance with these requirements. A statement of general condition noting any observed changes should be included in the remarks
3. The General Manager will be responsible to train designated employees for these daily and weekly inspections and ensure compliance with this policy.

APPENDIX B

CHAPTER 249

An Act to amend and reenact § [10.1-605](#) of the Code of Virginia, relating to dam safety.

[S 276]

Approved April 8, 2010

Be it enacted by the General Assembly of Virginia:

1. That § [10.1-605](#) of the Code of Virginia is amended and reenacted as follows:

§ [10.1-605](#). Promulgation of regulations by the Board.

A. The Board shall promulgate regulations to ensure that impounding structures in the Commonwealth are properly and safely constructed, maintained and operated. Dam safety regulations promulgated by the State Water Control Board shall remain in full force until amended in accordance with applicable procedures.

B. The Board's Impounding Structure Regulations shall not require any impounding structure in existence or under a construction permit prior to July 1, 2010, that is currently classified as high hazard, or is subsequently found to be high hazard through reclassification, to upgrade its spillway to pass a rainfall event greater than the maximum recorded within the Commonwealth, which shall be deemed to be 90 percent of the probable maximum precipitation.

Additionally, such an impounding structure shall be determined to be in compliance with the spillway requirements of the regulations provided that (i) the impounding structure will pass two-thirds of the reduced probable maximum precipitation requirement described in this subsection and (ii) the dam owner certifies annually that such impounding structure meets each of the following conditions:

- 1. The owner has a current emergency action plan that is approved by the Board and that is developed and updated in accordance with the regulations;*
- 2. The owner has exercised the emergency action plan in accordance with the regulations and conducts a table-top exercise at least once every two years;*

3. *The Department has verification that both the local organization for emergency management and the Virginia Department of Emergency Management have on file current emergency action plans and updates for the impounding structure;*
4. *That conditions at the impounding structure are monitored on a daily basis and as dictated by the emergency action plan;*
5. *The impounding structure is inspected at least annually by a professional engineer and all observed deficiencies are addressed within 120 days of such inspection;*
6. *The owner has a dam break inundation zone map developed in accordance with the regulations that is acceptable to the Department;*
7. *The owner is insured in an amount that will substantially cover the costs of downstream property losses to others that may result from a dam failure; and*
8. *The owner shall post the dam's emergency action plan on his website, or upon the request of the owner, the Department or another state agency responsible for providing emergency management services to citizens agrees to post the plan on its website. If the Department or another state agency agrees to post the plan on its website, the owner shall provide the plan in a format suitable for posting.*

A dam owner who meets the conditions of subdivisions 1 through 8, but has not provided record drawings to the Department for his impounding structure, shall submit a complete record report developed in accordance with the construction permit requirements of the Impounding Structure Regulations, excluding the required submittal of the record drawings.

2. That the Virginia Soil and Water Conservation Board may amend its Impounding Structure Regulations to conform with the provisions of this act through a regulatory process that is exempt from the requirements of the Administrative Process Act (§ [2.2-4000](#) et seq.) of the Code of Virginia.

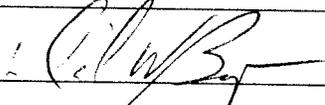
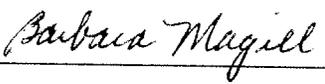
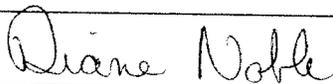
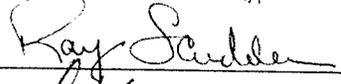
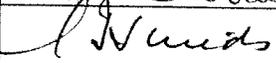
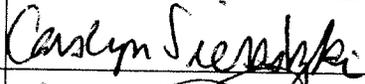
3. That an emergency exists and this act is in force from its passage.

-----**End of Resolution Language**-----

**Signature RECORD SHEET
Lake Holiday Country Club, Inc.
Board of Directors**

TITLE: Resolution 2012-01, Maintenance of Dam

APPROVAL DATE: January 24, 2012

Directors 2011/2012	Signature	Yes	No	Abstain	Absent
Brenda Badders-Riesgraf					X
Dave Buermeyer		✓			
Lou Cesa ✕	LOU CESA	✓			
Barbara Magill		X			
John McClurken					X
Diane Noble		✓			
Richard Schoppet		✓			
Ray Scudder		X			
Pat Shields		X			
Carolyn Sieradzki		X			
Misty Weaver-Ostinato		X			

✕ PARTICIPATED BY PHONE DURING MEETING

CERTIFIED

LHCC Board Vice President