

Rainbow Lake Water Protection District

Policy and Procedures for the Operation of the Flash Boards and the Performance of Dam Maintenance at the Rainbow Lake Water Protection District Dam, Town of Franklin, Franklin County New York (NYS Dam No.182-1308):

1. The purpose of the flash boards is to maintain lake levels above the upper spillways during dry periods.
2. The flash boards must be raised for routine maintenance, to protect the dam and embankments from overtopping, and to minimize the possibility of dam failure that would result in lake drainage and downstream flooding. Therefore, the flash boards are to be raised during the following conditions:
 - a. Throughout the winter when access to the dam is limited;
 - b. During periods of high rainfall or runoff from snow melt;
 - c. At times when a large amount of precipitation is forecast;
 - d. For dam maintenance;
 - e. In the event the dam is showing signs of failure or potential failure;
 - f. When required by the NYSDEC.
3. When raised for the winter or in the event of a flood, potential flood, or a dam safety issue, the flash boards must be raised to the highest possible level (i.e. fully opened).
4. The RLWPD Board of Commissioners will contract for services of dam operation, including the adjustment and operation of the flashboards and the completion of routine inspection and maintenance of the dam. Only designated contractors, authorized by the RLWPD Board, shall operate the dam. Selected contractors must provide complete contact information for a chief operator and at least one back-up operator and must provide a Certificate of Insurance covering all individuals authorized to do this work. The Certificate of Insurance must list the Rainbow Lake Water Protection District as additional insured. An emergency contact telephone number shall be posted at the dam.
5. A record of all dam inspections, operations, adjustments, and maintenance is to be submitted annually by the Chief Dam Operator and filed by the RLWPD Board of Commissioners at the Brighton Town Hall (see attached Record of Inspections, Operations, Adjustments, and Maintenance). Such record will include:
 - a. The inspection, adjustment, or maintenance performed;
 - b. The date;
 - c. The person doing the work;
 - d. The lake level prior to the adjustment; and
 - e. The purpose of the adjustment or maintenance.
6. Annual maintenance will include:
 - a. Inspection of all mechanical features
 - b. Maintenance of all mechanical features, to include greasing and/or repairs
 - c. Painting, as necessary
 - d. Removal of debris (logs, etc.) from the spillways
 - e. Security inspections and repairs, as necessary

Rainbow Lake Water Protection District

Annual Record of the Operation of the Flash Boards and the Performance of Dam Maintenance at the Rainbow Lake Water Protection District Dam, Town of Franklin, Franklin County New York (NYS Dam No.182-1308)

Year _____

Page ____ of ____

DATE	TIME	BY	FLASHBOARD LEVELS ⁽¹⁾			LAKE LEVEL (AT DAM)	COMMENTS AND NOTES ⁽²⁾
			EAST	CENTER	WEST		

NOTES:

- (1) RECORD THE TOP OF EACH FLASHBOARD IN INCHES ABOVE OR BELOW THE TOP OF THE SUPPORT CHANNEL: (-) FOR BELOW CHANNEL AND (+) FOR ABOVE CHANNEL.
- (2) RECORD ADJUSTMENT PERFORMED, MAINTENANCE COMPLETED, PURPOSE OF THE ADJUSTMENT OR WORK, UNUSUAL CONDITIONS, ITEMS REQUIRING REPLACEMENT OR REPAIR, ETC. USE BACK IF NECESSARY.