

**NOTICE OF PUBLIC HEARING
OPERATIONS COMMITTEE
CITY OF BEAVER DAM, WISCONSIN**

Notice is hereby given that the Operations Committee of the Common Council of the City of Beaver Dam, Wisconsin will hold a **Public Hearing at 6:30 p.m., Monday, June 3, 2019** in the Common Council Chambers at the Municipal Building, 205 S. Lincoln Avenue, Beaver Dam, to receive public input relative to the following:

Final Water Level Order for Beaver Dam Lake- (Winter Level Revision)

CONCLUSIONS OF THE LAW

1. The review has been conducted in accordance with Chap. 31, Wisconsin. State Statutes and NR 150, Wisconsin Administrative Code.
2. The department has the authority under State Statute 31.02(1) to regulate the level and flow of water in all navigable waterways.

ORDER

All elevations are expressed in local datum.

1. The staff gauge located on the upstream retaining wall of the dam is the official gauge. The gauge must be periodically cleaned. The gauge shall be checked each spring after ice out to assure that it is properly reading the correct water level. The staff gauge shall be replaced when the face becomes damaged and is difficult to read.
2. The owner shall operate the dam when necessary to prevent excessive fluctuation of water level. Dam operation may be necessary seven-days a week depending on the precipitation and the runoff into the lake.
3. The dam owner shall operate the dam to maintain a normal operating level of 88.30 feet as close as possible. The dam shall be operated to closely match the outflow from the lake to the inflow to the lake to maintain the lake elevation at 88.30. as the flow into the lake increases, the discharge from the dam shall be increased to not only reflect the inflow to the lake but to reduce the lake level to 88.30 as quickly as possible.
4. During high runoff events when the inflow exceeds the discharge capacity of the river channel downstream of the dam, if the lake level rises to approximately the 10-year flood elevation of 89.00, the dam shall be operated to pass a minimum of 450 cfs.
5. When operating the dam to decrease outflow from the lake, the owner shall operate the dam to maintain sufficient flow in the river to prevent the river from dropping more than 6 inches (measured at the USGS gauge) in a 24-hour period. The river's water surface elevation and flow relationship at the gauge is shown in the attached graph.
6. The dam owner shall begin lowering the water level to 87.70 feet by ~~March 1st to be completed by March 15th of each year.~~ (Revision – October 9th to be completed by October 15th of each year)
7. A water level of 87.70 shall be maintained until the later of 1) April 1, or 2) until the lake is ice free, of each year for the purpose of providing storage for high runoff events due to snowmelt runoff or spring floods. Ice free, for purpose of this order, is defined as the lake being sufficiently free of ice that a boat can be navigated from the dam to the westerly end of the lake locally known as long bridge.
8. On April 1, if the lake is ice free, the dam owner shall start raising the water level but the water level shall not exceed 88.00 before April 15 of each year. This level shall be maintained as close as possible until April 15.
9. Beginning April 15th, the owner shall raise the water level from 88.00 feet to 88.30 feet.
10. The owner shall maintain a minimum discharge of 3 cubic feet per second passed through the dam at all times. At times of low inflow into the lake, the water level may drop below 88.30.

• 6 ft OR 7 INCH