

SUBJECT

BOARD RESOLUTION NO. 15-864

Pertaining to an Agreement with the City of Hugo to provide for a contribution of \$30,000 towards reconstruction of a dam on the north end of Bald Eagle Lake in the city of Hugo.

BACKGROUND INFORMATION

Staff is seeking approval of agreement with the City of Hugo pertaining to Board contribution of \$30,000 towards City of Hugo and MnDOT costs to reconstruct a dam whose spillway runs under 129th Street on the north end of Bald Eagle Lake.

The agreement also provides that the Board will contribute to future maintenance of the new dam in an amount equal to the percentage of its appropriated amount of water (one billion gallons per year) that it actually withdraws, which has been zero for many years. In other words, if the Board withdraws one billion gallons, the Board would pay for 100% of the maintenance costs for the following year; if the Board does not withdraw water, then it would pay nothing. Any withdrawals between those amounts would result in a proportional contribution towards the following year's maintenance costs.

Attachments:

Additional Background
Resolution
Location Map
Agreement

RECOMMENDATION

Approval is recommended.

ADDITIONAL BACKGROUND

\$30,000 Contribution towards reconstruction of a dam on the north end of Bald Eagle Lake
May 5, 2015

The Board's mission to provide the east metro region reliable drinking water has for many years been accomplished with a diversification of water sources. One of those potential sources is Otter Lake, and the Board has a permit from the DNR to withdraw up to one billion gallons of water from that lake. The Board has not actually drawn water from Otter Lake for a number of years, but that could change as water quality in that lake is improving.

A channel hydraulically connects Otter and Bald Eagle Lakes. The existing dam on the north end of Bald Eagle Lake is in need of replacement and is compromising the integrity of 129th Street roadway. Hugo initially approached staff with a request for the Board to pay the entire cost to replace the dam and spillway. However, neither Hugo nor Board staff can find documentation to indicate what entity initially constructed the dam or is responsible for its maintenance. Staff presented a report on the project and ownership search to the Board at its October 2014 meeting.

It was reported at that meeting that because the condition of the Bald Eagle Lake dam impacts the water levels of Otter Lake, the Board has an ongoing interest in the condition of the dam. As such, the Board determined that it would be appropriate to make a contribution to the replacement of the dam, and to contribute towards future maintenance, only if and to the extent that it draws water.

The new dam will be 32 feet wide and its 4-foot wide by 48-foot long spillway under 129th Street will be constructed to support traffic. The total cost including roadway construction and outlet channel stabilization is estimated at \$680,000. Construction is expected to begin August 1, 2015 and be completed by November 20, 2015.