

**TOWN OF BLACK MOUNTAIN BOARD OF ALDERMEN
REQUEST FOR BOARD ACTION**

Meeting Date: August 9, 2010

SUBJECT: Cost Sharing Agreements with NC Division of Water Resources and the Army Corps of Engineers for planning assistance in conducting Safety Studies and preparing Emergency Action Plans for the Tomahawk Branch and Watershed Dams.

AGENDA INFORMATION

Agenda Location: Unfinished Business
Item Number: 7-A
Department: Planning & Development/Public Services Departments
Contact: Elizabeth Teague, Planning & Development Services Director
Mark White, Interim Public Services Manager
Presenter: Mark White, Interim Public Services Manager
Kyle Hayworth, Dam Safety, US Army Corps of Engineers (USACE)

BRIEF SUMMARY: Through our participation in the Regional Swannanoa Flood Mitigation Task Force, the Town of Black Mountain is receiving assistance from the NC Division of Water Resources and the Army Corps of Engineers to complete two dam safety studies and emergency action plans for the Lake Tomahawk Dam and the Town Watershed Dam. This project was previously approved by the Aldermen at the December, 2009 meeting, and now that cost estimates have been completed by the Army Corps and Brown and Caldwell, the Town must execute formal agreements for work to proceed. The cost for this project is \$116,000 to be shared as follows:

US Army Corps of Engineers federal funds of \$58,000
NC Division of Water Resources funding of \$29,000
(Water Resources Development Project Funds)
Town Match of \$29,000 (from Water Fund - previously approved by BoA
with a budget estimate of \$25,000; the remaining \$4,000 can be
accommodated within current budget without amendment)

This project will result in a completed dam safety report and an updated Emergency Action Plan (EAP) for both the Lake Tomahawk Dam and the Black Mountain Watershed Dam as cited in the annual inspection reports attached. It will also provide updated technical information on the structural integrity, maintenance needs, and flood mitigation opportunities of both dams. The last dam safety study completed for Lake Tomahawk was done in 1979, and the one for the Reservoir was done in 1980.

RECOMMENDED MOTION AND REQUESTED ACTIONS: To adopt the Cost Sharing Agreements with the NC Division of Water Resources and the Army Corps of Engineers to complete Dam Safety Studies and develop Emergency Action Plans for the Lake Tomahawk and Watershed Dams, as presented.

FUNDING SOURCE: \$29,000 from Water Fund

ATTACHMENTS: Cost Sharing Agreement for Planning Assistance with Army Corps of Engineers
Resolution Requesting Financial Assistance from NCDENR
NCDENR Annual Inspection Report for Lake Tomahawk Dam
NCDENR Annual Inspection Report for Reservoir Dam
USACE Phase I Inspection Report for Lake Tomahawk Dam
USACE Phase I Inspection Report for Reservoir Dam

MANAGER'S COMMENTS AND RECOMMENDATIONS: Approve as presented.