

**Town of Maggie Valley**  
**Special Called Board of Aldermen**  
**November 4, 2010**  
**MINUTES**

Members Present: Mayor Roger McElroy and Alderman Colin Edwards  
Staff Present: Manager Tim Barth, Planning Director Nathan Clark, Public Works Director Mike Mehaffey, and Town Clerk Vickie Best  
Others Present: Randy Hintz and Bill Matthews from McGill Associates

Due to a lack of a quorum, Mr. Hintz and Mr. Matthews briefly went over the preliminary evaluation for the Wastewater Treatment Plant Levee with staff and Council.

The levee will be raised from 3' to 4' above base flood plain elevation as it follows the natural grade of Jonathan Creek. The greatest amount of fill dirt will be near the entrance to the treatment plant. The levee will be 4' near the I-40 on ramp. The minimum crest will be between 5 and 10 feet wide.

There are three storm drains that penetrate the existing levee. The drain pipes are 10", 15" and 36" in diameter. A closure called a duck bill will need to be installed in each pipe. The most expensive closure will be on the 36" pipe. The 36" pipe is near the I-40 on ramp.

If duck bills are not used a warning system will need to be developed. A levee maintenance plan will be developed and submitted to FEMA.

Approximately 2350 yards of material will be needed to complete the project. A 3 to 1 slope will be on the land side of the levee. The existing levee is approximately 16 feet high at its maximum point and is approximately 650 feet in length.

Most of the work can be done in-house with only the grading and compaction being hired out. The levee must be cleared of trees and brush.

The engineers will keep Council informed as the project moves forward. After the signing of the FEMA letter, the Town will have two years to comply.

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Mayor Roger McElroy

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Vickie Best, CMC, Town Clerk