

Mountain Lakes District Water Committee Meeting  
7/21/2011

Status: Draft as of 7/22/2011  
Reviewed as of 7/24/2011

Purpose of Meeting:

This was a special meeting of the Water Committee. The purpose was to meet with Shawn Patenaude of Dubois&King to be sure everyone was in agreement on moving ahead to restore the upper lake spillway and have D&K stake out the work area.

The meeting was held at the District Office from 8:00 AM to 9:00 AM on July 21, 2011.

Attendees:

D&K: Shawn Patenaude

Mountain Lakes Water Committee: Ed Rajsteter – Commissioner, Don Drew, Peter Olander, Bob Long, Tony Salvucci, Ken King

Guests: Dave Long

Background:

The Upper Lake Spillway is the part of the causeway that currently has a beach on the upper lake, the parking lot, the playground, and part of the beach on the lower lake. It was designed to be a grassy area which allowed the water to flow over it and relieve the pressure on the causeway dam in high water situations.

The Water Committee had previously met with Shawn to review the work done by D&K to prepare a plan to restore the spillway to its original grade in order to stop the erosion of the beach area that happened both last Fall and this Spring. This plan had also been reviewed by Jeff Blaney of the state DES Dam Safety group. We had requested some changes that were not in the final version of the plan. The purpose of this meeting was to resolve those differences.

Meeting:

The meeting was started by Ed at 8:10 AM.

The first part was a discussion of the final plan and this was led by Shawn. He explained how he was going to modify the plan to meet our objectives but he did not have the entire plan redrawn to save on expenses. We will have to do a new as-built plan and this will show what was actually done. The changes he outlined had been approved by the state via email between Shawn and Jeff. This was also confirmed by a phone conversation that Ed had had with Jeff the previous day.

The changes we had requested maintained the original 75 foot width of the spillway but moved it further to the left of the District Office in order to maximize the size of the sand beach area on the lower lake.

We all agreed that with these modifications the plan was good and we should move ahead.

The next topic was a discussion of when to actually do the construction. Peter made a motion to wait until after Labor Day in order to not interfere with the beach activities. Ed asked everyone for input on this. Those in favor talked about the problems with people using the beach during construction and the issue about starting a new grassed area in high heat. Those against it thought it was better to move ahead and get the job done. It was agreed that we would wait until after Labor Day for the construction but perhaps move ahead with clearing the playground area.

This ended the official part of the meeting but there was a further discussion about an issue that always shows up in a LOD (Letter of Deficiency) following our annual dam inspection. There is a small pond at the outlet of the lower dam, This is caused by a stone wall that was put in place to build up the area around the pump house. The concern of the state is that in high outflow times, the water could build up enough to create a back pressure on the outflow.

The solution to the above problem is to redo the outflow area. However, that would also wipe out our Infiltration Well that supplies half of our current water. Shawn said that the state recognizes this and is willing to be patient about this problem. There is another issue that has been discussed at previous meetings. The entire outflow area for the lower dam is approaching end of life. Shawn estimates that with 5 to 15 years, that will have to be redone and at that time we would have to reconsider all these issues.

#### Assignments:

1. Meeting minutes (this document) – Ken
2. Review draft meeting minutes – Ed, Don, Peter, Bob, Tony