

Mountain Lakes District Water Committee Meeting  
December 1, 2011

Status: Draft as of 12/7/2011  
Reviewed as of 12/19/2011  
Approved as of

Purpose of Meeting:

This was the December 2011 monthly Water Committee Meeting. There were two parts to the meeting. The first was a meeting with Chuck Golding and Shawn Patenaude of Dubois & King (D&K) and Scott Clang of Granite State Rural Water Association (GSRWA). The second part was the standard monthly meeting.

The meeting was held at the District Office from 8:05 AM to 10:45 AM on December 1, 2011.

Attendees:

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

Meeting Part One:

The meeting was started by Ed at 8:05 AM.

We discussed that while we were continuing the talks with WWL about being our primary source of water, we felt that it was still necessary to consider other sources for either primary or backup use.

The purpose of meeting with Chuck, Shawn, and Scott was to get their inputs on two possible future projects. One was the expansion of the interconnection between WWL and our water system. The second was to discuss the possibility of expanding our infiltration well to the configuration initially proposed.

Interconnection to WWL:

The current connection to WWL comes from a 6" WWL pipe in the vicinity of Spencer Richardson's house and then back along Goose Lane into our pump house. It took advantage of the pipe that was the feed from Spencer's well. The meter is a 2" connection and the pipe back is partly 3" and partly 4". We require a minimum of a 4" pipe to serve as the primary or backup for Mountain Lakes build out (450 homes versus 320 current). A second alternative is to run a new 4" or 6" pipe from the WWL 6" pipe near the graveyard on Goose Lane.

The conclusion was that the new pipe (second alternative) was the way to go. We will price out both 4" and 6" but will probably go with 6". This project is on hold until we reach an agreement with WWL about them serving as a future source of water.

#### Infiltration Well Expansion:

The original design for the lower dam was to accomplish two goals. One was to provide water for recreation purposes and the second was to provide a source of water for Mountain Lakes. There were a series of infiltration wells proposed to meet a total build out of every lot occupied, expansions to the Lodge and Community Center, a full-time restaurant, etc. The only thing implemented was a single infiltration well. An infiltration well is a shallow well and therefore is subject to ground water contamination. The state of NH no longer approves any infiltration well and will shut down existing ones whenever possible. We are grandfathered for our current one and therefore may be able to expand it.

While we are grandfathered with the infiltration well as long as it continues to test OK, there is another problem. The lagoon that allows the infiltration well to work also is at a water level that is too high for the outlet pipe and causes seepage back into the outlet pipe area. The state dam safety people want the lagoon to be lowered which would wipe out the infiltration well. Our experience with draining the lakes has shown that the output of the infiltration well is very dependent on the water level within the lagoon. At some point, we need to reconcile the dam safety concerns with the water supply concerns.

We know that we need to repair or replace the lower dam outlet pipe in the next 5 years. When we do that, we need to address the lagoon issues. For example, we could raise the level of the output pipe to address the seepage issue.

There is another type of shallow well called a gravel well and these are still allowed. The district did investigate this type of a well in the past but there was not enough yield to continue the development.

The conclusion was to not pursue any projects in this area until we know the status of our relationship with WWL. Chuck Golding will talk to Claude Cormier about the possibility of a gravel well in the lower dam area. If things do not work out with WWL, then we will use D&K to help us continue the investigation of an expanded infiltration or a gravel well.

It was suggested by Shawn that we may want to offer WWL the use of our lakes as a reservoir. They do have a water supply pipe that comes down Route 112.

#### Meeting Part Two:

The minutes of the November 10<sup>th</sup> meeting were approved.

Don said the water system was functioning normally with daily rates of about 20,000 gallons. The usage the previous day had been 16,000 There was a pipe break on White Mountain Road which was repaired promptly.

We still need to schedule our meeting with Woodsville Water & Light (WWL). They have offered to meet informally with Ed and Don. We all agreed that this was a useful thing to do. Don will set up this meeting.

Next Meeting:

The next monthly meeting will be on Thursday, January 5<sup>th</sup> at 7:30 AM in the District Office.

The meeting was adjourned at 10:45 AM.

Assignments:

1. Meeting minutes (this document) – Ken
2. Update the WaterComProjects document - Ken
3. Review draft meeting minutes – Ed, Don, Tony, Bob
4. Work with WWL on an informal meeting – Don, Ed