

## Mountain Lakes District Water Committee Meeting of 11/1/12

Status: Draft as of 11/07/12 - Reviewed as of 11/16/2012- Approved as of 12/6/12

Purpose of Meeting: This was the November 2012 Water Committee Meeting. The meeting was held at the District Office from 7:30 AM to 9 AM on November 1, 2012.

Attendees: Ed Rajsteter – Chair, Don Drew-Water Department, Bob Long – Commissioner, Peter Olander, Joe McQueeney, Ken King  
New Member: Robert Roudebush  
Guest: Chuck Goodling - Dubois & King

The minutes of the October 4<sup>th</sup> meeting were approved.

We welcomed Robert Roudebush as a new member and thanked him for his recent article in the Trendy Times on our dry hydrant project.

The first part of the meeting was a discussion with Chuck Goodling from Dubois & King. He was responding to a letter from us about project deliverables. He stated that he would be our major contact with D&K in the future.

We had raised issues about three areas:

1. The first was the as-built plans for our causeway spillway project which was completed about a year ago. He had 3 copies of the as-built plans with him and a copy had been sent electronically to the state along with a letter documenting the completed status of the project.
2. The second area was the follow up from Shawn Patenaude (also of D&K) to his visit here to inspect the outlet of the lower dam. Shawn had also agreed to follow up with the state about differences of opinion on the water level of the lagoon. Chuck indicated that Shawn had problems in the state getting back to him. He agreed that Shawn would come out for a second visit.
3. The third was a hydraulic analysis of the lower dam outlet and lagoon. Chuck thought that this would be a major project but we thought that much of the work had been done previously and just an update was needed.

We agreed that Shawn would come out and review the outlet and then develop a plan for fixing the outlet pipe and resolving the issue of the water level in the lagoon. We agreed to pay D&K for the cost of developing the plan. Shawn did come out and meet with us on November 5<sup>th</sup>. See the end of this document for a summary of that meeting.

Chuck asked about our plans with Woodsville Water & Light (WWL). We gave him a complete summary of our work to date and our hope that we would be able to reach an agreement with WWL to be our major water source.

Chuck left and we continued on with the rest of our meeting.

## Water System Status

Don reported that the current daily usage is about 17,000 gallons per day. There has been one break in a water service line and one call about no water available. Both issues were resolved.

On the lower spillway tree clearing project, the trees have been cut but we are waiting for things to dry out before they can be chipped and removed.

Don wants to start the permit process for the dry hydrant location at the lower dam. He suggested that we check with Glenn English in Haverhill about any grants that may be available under the NH Rural Fire Protection Initiative and also to see if he might assist us in the permitting process. Joe will talk to Glenn about this.

Don brought up the idea of a possible change to our water tariff. Right now, a new customer can use their own contractor to run the water pipe from the curbside shutoff into the house. He said that most of them use WWL but they do not have to. He thinks we should consider changing the tariff to give us more control over the entire process. It was agreed that we would take up this issue at our next Water Committee meeting.

We talked about the budget for next year. We do want to plan for the next two dry hydrants. If we can reach an agreement with WWL on making them our major source, we need to at least do the engineering work on the new 4" interconnect with WWL. We are not sure just what the new rate will be but it will probably be closer to \$500 per year rather than our current \$450. We voted to recommend to the commissioners that we raise next year's rate to \$475. We will pass this number on to the Budget Committee.

### Assignments:

1. Meeting minutes (this document) – Ken
2. Review draft meeting minutes – Don, Ed, Bob, Peter, Tony, Joe, Robert
3. Talk to Glenn English on permits and outside funding sources for dry hydrants – Joe
4. Inform the Commissioners and the Budget Committee of the \$475 water rate recommendation - Don

### Summary of the visit of Shawn Patenaude on November 5<sup>th</sup> .

Shawn Patenaude (D&K) was here for two reasons. One was to examine the patches that Don had previously done to the lower dam outlet pipe. Shawn and Don did this and Shawn said that the patches were holding and there were no other problems observed. The second was to discuss what the dam outlet repair/replace project should involve. We agreed that the time frame for this project is within the next 4 or 5 years. We would use a

plastic pipe inserted inside the current iron pipe and a concrete riser mechanism to replace the current iron one. This should provide a estimated lifetime of 50 years or so.

Another topic was the level of water in the lagoon and the location of the weep holes in the concrete wall supporting the outflow pipe. The state claims that as the weep holes should always be above the water level the original design was for the water level to be about the same as it is now and not as high as it has been in the past. The water level has an impact on the infiltration well. We are still considering a maintenance plan for the infiltration well that would restore the capacity. Shawn maintains that we can always drill new weep holes higher in the wall. The project plan will include a hydrological analysis that can be used to substantiate the performance of the proposed design. If that analysis showed problems with the outflow plans, Shawn suggested that it would be cheaper to redo the lower dam spillway and that would change the hydraulics for the outflow pipe area.

For another discussion on this issue, see the minutes of the Special Water Committee meeting of November 6<sup>th</sup>, 2012.

