

Mountain Lakes District Water Committee Report for April 2014

This report covers the monthly meeting of 4/10/14 and the special meeting of 4/24/14.

Mountain Lakes District Water Committee Meeting of 4/10/14

Status: Draft as of 4/14/14 – Reviewed as of 4/15/14 – Approved as of 4/24/14

This was the April Water Committee Meeting. It was held from 7:30 AM to 9:40 AM on 4/10/14.

Attendees: Ed Rajsteter – Chair, Don Drew – Water Department, Bob Long-Commissioner, Robert Roudebush, and Ken King. Scott Clang (GSRWA) was there and Jim Vernon from Nobis Engineering joined us at 8:21.

We approved the Water Committee Report for March, 2014.

Water System Status

The system is running well. We are using about 20,000 gallons per day. There was a service line freeze up and another water break inside a home that Don helped the homeowners repair.

There was a discussion about the idea of having an additional charge when we help fix freeze ups that are inside the house. Scott Clang that you have to be very careful if you do this. The current situation is that we are responsible for anything up to the water shut off valve for the house and the homeowner is responsible for anything past that point. He cautioned that once you start working inside the house you are then responsible for anything that happens. We agreed that the way to proceed is to notify the homeowner to have a repair person available. We will continue to assist that person.

Lower Mountain Lake Dam Outflow Repair Project from D&K

We received the Scope of Services that D&K will be providing and an estimate of the total number of hours they will be spending on the project. We are still waiting for the revised overall project cost document.

Jim Vernon from Nobis Engineering

The main part of the meeting was a discussion with Jim Vernon on the possibility of a new well location within the Mountain Lakes area. Jim is a Hydrogeologist. He had been out the previous week and met with Don to get a better understanding of the water supply issues within Mountain Lakes and a history of our efforts to find a new well location.

Jim had prepared an excellent presentation. One of the most interesting parts was a discussion of Stratified Drift Aquifers which are the most productive aquifers in New Hampshire. They have also found a better way of mapping such aquifers and this information would not have been available in the past. He had a map showing that there is a possibility of using such an aquifer for the location of a new well.

The process would be to produce a much larger version of the map and combine that with the lot map for Mountain Lakes. We have to see if there are any possible good locations. Jim will send us a quote on what it will cost to proceed this far. If that were successful, the next step is to drill small exploratory wells.

We have a follow up meeting with Jim set for April 24th.

Mountain Lakes District Water Committee Meeting of 4/24/14

Status: Draft as of 4/27/14 – Reviewed as of 4/30/14– Approved as of 5/1/14.

This was a special Water Committee Meeting. It was held from 7:45 AM to 9:00 AM on 4/24/14.

Attendees: Ed Rajsteter – Chair, Don Drew – Water Department, Bob Long-Commissioner, Robert Roudebush, Peter Olander and Ken King. Scott Clang (GSRWA) was there and Jim Vernon from Nobis Engineering joined us at 8:00.

We approved the minutes of the 4/10/14 Water Committee meeting.

The purpose of this meeting was to follow up with Jim Vernon.

Discussion of the Draft Proposal for Water Supply Services from Nobis Engineering

Based upon our meeting of 4/10/14, Jim Vernon had prepared a draft proposal. We had not seen the proposal until that morning so Jim went through a discussion of it. The proposal was Phase 1 of a program to develop an additional water supply for Mountain Lakes which focused on seeking a gravel-packed well site in a “stratified drift aquifer” mapped by USGS that transects the Mountain Lakes area. He also wanted to lay the groundwork for an overall assessment of other potentially feasible options (new bedrock well or enhancing the field of an existing well).

We agreed that we have to be open to different options but wanted Jim to concentrate on the stratified drift aquifer as we have previously looked at the other options with little success. Jim submitted a revised proposal on 4/25/14 and the rest of this is based on that revised proposal.

Jim had talked to NHDES about this work and obtained some additional maps that again indicated the possibility of this approach.

Phase 1 of the work is called the Preliminary Feasibility Assessment and would look at larger maps of the aquifers in our area and overlay that with the Mountain Lakes lot layouts. The idea of Phase 1 is to determine if the aquifers are in areas that are accessible to us and have the space requirements to support a well. Phase 1 is about \$7000. If successful, there are Phases 2 through 7 to end up with a functioning water source.

Our next meeting is on Thursday, May 1, 2014. At that time, we will review the revised proposal from Nobis and decide on how to proceed.