

MGC Member Update on Irrigation Project **Newsletter #3**



Photo 1 – Pond partially filled with rain and spring water

SUMMARY OF WORK TO DATE

The Fall work is primarily completed. Specific accomplishments include:

- The retention pond has been completed and a rock border installed around the non-fairway border. Purchase of clay to line it was not necessary – clay was found when the top soil was stripped away. In addition, a spring was found on the hill between the pond and the clubhouse. A basin and piping were installed. The pond has started to fill from rainwater and the spring as shown above. (Photo 1).
- Overflow drainage piping from the pond was connected to the new drainage system installed under the #4 green. This drainage system was then connected to the city system for storm water.
- The pump house slab with some electrical conduit was installed. In addition, a supplemental water supply pipe for the pond was installed. This could be hooked up to the city supply across Calderwood if needed. (Photo #2 below).



Photo 2 – View across Pond towards Clubhouse

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- The elevated cart path from the #4 Tee around the pond was completed.
- The #4 green foundation with drainage control was installed and the top layer of custom formulated sand and dirt was applied. The green is ready for final contouring and an application of sod or seed early in the spring. (Photos #3 and #4 below)



Photo 3 - #4 Green Drainage System



Photo 4 - #4 Green Ready for Grass



Photo 5 - View from #1 Tee Down #1 Fairway
with the quarry filled in and is ready to be
seeded.

The November storm did interrupt the progress a few days. Some trees had to be removed to secure access to club facilities for emergency vehicles. We notified the insurance company of the preliminary damage and toured the course with the company's appraiser. The result to date was the company sent a check for over \$20,000 for the trees lost, roof damage and power restoration to the main clubhouse. The claim will not be finalized until Spring since there are

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some additional trees to be removed and some will need to be replaced (i.e., the one at the corner of the clubhouse).

With the funds received to date, we will be able to do some of the necessary clean-up and removal of downed tree this winter when the ground is frozen. This will free up capacity for what will be a very busy spring when we will be opening the course and in addition working on the final installation of the irrigation system with the contractors.

The total costs of the work to date show essentially that we are on target. Also, the work to date did involve many of the unknowns of the project that are now completed. For the most part, the remaining work is covered by fixed price contracts. The remaining unknowns relate to the work to repair the trenching done for water supply and irrigation piping. There will also be some costs to replanting some trees and repairing the storm damage, but we expect the insurance company to honor additional amounts.

NEXT PHASES

Winter Work

The following projects will be done this winter:

- Build the supply pump enclosure shed
- Storm clean up including some additional tree removal and refuse disposal

Spring Work

As soon as weather permits (ideally early April), work will start to supply the pond with well water and install the main pumps for the irrigation system. Simultaneously, the #4 green will receive final contouring and sod or seed. Assuming the weather accommodates the plan, this green should be ready for play in May or early June. The following outlines the remaining work:

- Install and hook up the well supply pumps
- Trench and install the supply piping from the two wells to the pond
- Install the irrigation pump and the enclosure shed. Hook up the electrical and test the system.
- Rake and apply surface loam to the #1 fairway, quarry, the pump house surroundings and the areas around the #3 and #4 greens. Finally, apply seed to these areas.
- Install rock wall on the hill below the #1 tees and above the cart path

As the schedule permits, the installation of the main and branch irrigation lines and sprinkler heads will be installed, one fairway at a time. The Megunticook crews will follow repairing the trenches and completing fairway repairs as time and budgets permit.

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Other work such as the normal spring clean-up and storm refuse, finishing the senior tees and other small projects will be done as capacity is available. However, priority will be given to opening the course as soon as possible with a target of mid to late June.

CONCLUSION

The overall project is a major undertaking for Megunticook. But, so far, we are essentially on time and on budget notwithstanding the major storm. The priority is to make the course playable as soon as possible while creating minimal disruption to the installation of the irrigation system. All involved will appreciate the patience and consideration of the membership as we complete this project.

Please forward any questions to the undersigned. And expect another update in early April. Have a great Holiday Season.

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Project Questions

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Financing Questions