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Lake Beulah Dam Project Update #9 – June 16, 2015

Monitoring Lake Beulah Water Levels; County and Contractor Taking Proactive Steps

We mentioned in our last progress report on June 12th that water levels at the Lake Beulah Dam spillway have increased approximately 4 inches since construction began in mid-April. The diversion channel has been performing very well, however, with the heavy rains that our area experienced over the weekend and early Monday morning, that water level is now at almost 6 inches above. We have heard from a number of lake residents that are concerned about these elevated water levels.



The county and its consulting engineers and contractor, Terra Construction, have been monitoring these lake levels very closely and we wanted to inform you about the proactive steps that we are taking to address potential flooding concerns.

Terra is opening up the diversion channel around the new spillway box culvert to allow even more flow through the dam (last Saturday morning initial steps were taken to increase flow through the diversion channel).



The inlet structure and sea wall were poured with high early strength concrete earlier today and preparations are in place to increase additional diversion flow by using the west barrel of the new culvert and making a plastic lined channel from the sheet pile cofferdam to the barrel of the new culvert similar to what is there now for the diversion channel. Walworth County has incurred some additional costs for these action steps; however, we believe it is money well spent to ensure that we are taking all possible actions to increase the flow through the dam.

We support the town chair's decision to place a no wake restriction on the mill lake portion of Lake Beulah. We have seen waves coming over the sheet piling at the spillway which has created problems with our construction.

We will continue to closely monitor the lake levels and will continue to take proactive steps to increase the dam spillway flow where and when appropriate.

We would like to reinforce to everyone, especially now that the new culvert is being installed, that construction sites and large equipment can make a very dangerous, but attractive playground for children. Please warn children of the dangers and keep them clear of the construction area and equipment.

The project is currently on schedule. Everyone associated with this project remain committed to completing our work as quickly as possible. Your continued patience is greatly appreciated. For concerns or questions, please contact Kurt Feuerstein, P.E. of Patrick Engineering at 262.794.2458.

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