



## LPAT Day 5 – May 28, 2019

Day 5 is done. Today was cold as the water in Blue Springs Creek. We huddled in our coats and strained our eyes trying to read the first 150 slides of JDCL's hydrogeologist Stan Denhoed. Of note, Mayor Chris White has attended a few hours of the Hearing over the last two days. Tonight's report will be short – we attended the People's Aggregate Summit tonight. You will get lots more news on tonight's presentations and the Hearing from Harry Wilson on our Facebook Page...He even includes photos! <https://www.facebook.com/crcrockwood/>

### IMPORTANT HOUSEKEEPING UPDATES:

1. **Hearing times are 9:30 to 4:45** unless otherwise advised. There is an hour for lunch at no specified time. There is a morning and an afternoon break.
2. There will **no Hearings on Friday, June 14 and 28.**
3. The **agenda for Wednesday** is at the end of this report.
4. [Sign in on our roster here.](#)
5. **BRING A CUSHION!**

**Session Content** (This is not a detailed report – just a very simplistic record of activity because of the complexity of the issues, technical analyses and regulatory requirements. Any inaccuracies or opinions are Linda Sword's, not CRC's!!):

**JDCL's Hydrogeologist, Stan Denhoed**, testified all day. He presented a full review of the Hidden Quarry and surrounding area including a detailed description of the Paris Moraine's history and the various layers of silt, sand, gravel and till, followed by an examination of the bedrock and its cracks and crevices, in every variation on and near the site. He described the topography from the high point at the top of 6<sup>th</sup> Line Eramosa to Blue Springs Creek, the private wells, the quality of the water in in overburden and in the bedrock. He confirmed what we all know, that this bedrock carries an abundance of water. He also told us that the overburden in much of the area to be excavated, including adjacent to the Brydson Creek Tributary that bisects the site, is dry. The water is in the bedrock. There is water in the overburden near the north boundary just south of the Allen Wetlands, and again in the southeast corner where the Tributary approaches Highway 7. The impacts of the quarry excavation, according to his testimony so far, will be negligible. He asserts that the northwest wetland will be protected by a grout barrier which will retain the water. One private well near the quarry may have to sink its pump lower because the water level north of the quarry may drop by up to 2 metres. He did not address in any detail water level changes south of Highway 7. Those who attended will all confirm that by the time our hydrogeological lesson had arrived at his description of his groundwater model of the Blue Springs Watershed, we had mostly stopped absorbing enough information to apply it to this next step. Even he had some difficulty explaining the modelling and resorted to a sand box analogy which was multiplied into 7 layers in a 7 x 5 kilometre area, or 38,000 variables...all to show that the water in the quarry 'ponds' would be flat and that nothing else would change significantly. (I sincerely doubt that any hydrogeologist could do much better for an audience of amateurs...) He did identify e-coli and coliform in some tested surface waters, but did not indicate that there was any risk in these mixing with pond water which would be a mix of ground and surface water. That may come tomorrow. I am happy that Chris Barnett and David Germain will have more insight than I into the questions to be raised. We were happy to be joined for the day by our hydrogeologists, Dr. Emil Frind and Garry Hunter. Halton Region hydrogeologists were also there, taking pages and pages of notes. It is truly a pleasure to have experts on our team! I do have to tip my hat to Mr. Denhoed's stamina and his strong voice and to his clearly extensive work. What we did learn for sure today is that he began his work on the Hidden Quarry with JDCL in 1995!

### What's on the agenda for tomorrow?

Continuing testimony of JDCL's Hydrogeologist, Stan Denhoed until noon, they estimate. Then it will be cross-examination – which should be more fun. I can't specify times in advance.