

THE CORPORATION OF THE TOWNSHIP OF HORTON

**LIME STABILIZATION COMMITTEE**

November 26, 2010

There was a Meeting of the Lime Stabilization Committee held in the Municipal Council Chamber on Friday November 26, 2010. Present were Chair Dave Bennett, Mayor Robert A Johnston, Bob Kingsbury, Bruce Golden, David Brown, George Thompson, Tom Reid and Reg Laventure. Staff present was Jeff Schruder Municipal Infrastructure Manager and Mary Richards, Clerk/Receptionist.

1. CALL TO ORDER

Chair Bennett called the meeting to order at 1:00 p.m.

2. DECLARATION OF PECUNIARY INTEREST

There was no declaration of pecuniary interest by Member of the Committee.

3. SPREAD RESULTS

Chair Bennett said that he called this meeting to discuss the spread results and any suggestions that members might have.

Jeff Schruder reported that the first spread on Monday November 15, 2010 went well. When the Township tractor was unable to pull the Spreader up a hill, Tom Reid, host farmer, had substituted his tractor which was able to handle the Spreader. There was a small issue with some old cow manure that was left in the Spreader from the previous owner.

On Sunday November 14, 2010 eight pounds of lime had been mixed into the slurry in each of the tanks bringing the pH to over 12.5 in each tank. On Monday the pH level was the same in tank 1 and had dropped by .1 in tank 2. There was no odour from the tanks.

Tom Reid reported that when he tilled the next day the only way you could tell when the Septage had been spread was by taking a handful of soil with and without and smelling them.

Bob Kingsbury asked George Thompson how this compares with the Septage he spreads. George said it depends on the septic tank – some smell more than others, depending on how well the system is working.

Chair Bennett asked George Thompson what he thought of the spread. George thought that it looked good. The spread looked heavier than he would use. Tom Reid reported that it dried up the same day.

George Thompson suggested it was important to keep the tanks stirred up, although the lime breaks it down, you can get solids settling on the bottom of the tanks. He suggested an air compressor on a timer to aerate the tanks, which would run every twenty minutes.

Bob Kingsbury felt everything went well. George Thompson said that there were no problems with the water tests taken after the spread.

David Brown reported that Michael Payne, OMAFRA, said most of the spreading in Southern Ontario is injected into the soil. Tom Reid, however, felt he would rather it was spread on the ground allowing the sun to kill any pathogens.

4. BLOWERS

Dave Bennett reported he was unsure why the blowers had not worked at 8,000 gallons in the tanks as they were good at 6,000 gallons. It is a mechanical issue. Dave suggested fabricating diamond shaped stainless steel floats for the Spread Tank.

It was agreed that the manual valve was inconvenient. It was agreed that a hydraulic valve would be more convenient.

Dave also reported that the front baffle inside the tank is rusted and should be checked before the next trial. There are three compartments with two baffles.

It was suggested that the dual wheels from the Township Tractor are not needed and should be loaned to Tom Reid for his tractor, if he is using his own tractor to haul the spreader on next spring's test.

January 2012 is the drop dead date for the Report on the Lime Stabilization to be published. It was felt that the political will, is there with both parties and should go ahead.

George Thompson said that Shelly Bonte-Gelok and Michael Payne had been testing at his fields this week. They were testing for pharmaceuticals, fire retardants and also worms that live in humans, which no laboratory in Ontario can test for. They also tested inactive fields to see if they stay in the ground.

Dave Bennett suggested that the Township needs to work with Dave Darch at the County to get more funding. To date the Township has spent approximately \$170,000.

George Thompson said the MOE are willing to do the lab tests in future which will be a savings.

4. WINTER STORAGE

When we are done for the fall we need to sit down with MOE to discuss monitoring over the winter. George Thompson usually shuts down for the winter as there are few calls, other than emergencies.

Bob Kingsbury felt we should accept over the winter so we can know how the system works in the winter.

Bruce Golden asked if there was much caught in the dumping screen. Jeff Schruder reported that it was mostly strings and hair – maybe a small pail full. Bruce felt that there was a lot of detergent in the tank judging by the smell and foam.

Jeff asked to have a fan in the wall to vent the area while adding the lime.

It was agreed that it would be easier to use the valve to take samples, on the spreader if it was angled and lower.

George Thompson feels that it will not be as cheap as it is today to have septic waste collected, when everything is set up for disposal. Bob Kingsbury disagreed with this opinion; he thought all would work to keep cost as reasonable as possible.

Bob Johnston asked George how long it took him to spread an average load on his property. George Thompson said he spreads 800 gallons over 400 feet – at walking speed – not a big difference.

5. OTHER COMMENTS

Bob Kingsbury spoke on behalf of the residents of Horton Township and Council “thanking Dave Bennett for his expertise in liaising and implementing the Septage Project. The contribution of equipment, talent and manpower is greatly appreciated. The financial contribution and generosity of Dave and his Company is beyond what a lot of others would give. So I thank you Dave for this project and its success.”

Tom Reid, Reg Laventure, Bruce Golden and George Thompson are willing to continue with the Committee.

6. CONFIRMING RESOLUTION

Moved by David Brown, seconded by Reg Laventure

That this Committee pass this confirming resolution to cover any actions or directions given during the open portion of this Committee Meeting which are minor in nature and which were not set out in By-law or Resolution.

**Carried.**

7. ADJOURNMENT

Moved by Jeff Schruder, seconded by George Thompson

That this meeting be adjourned at 2:03 p.m.

**Carried.**