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Minutes for:

PUBLIC ADVISORY COMMITTEE (PAC) MEETING #7
LYSTEK SOUTHGATE ORGANIC MATERIALS RECOVERY CENTRE

DATE: Tuesday, July 31, 2012 **TIME:** 7 pm

LOCATION: 40 Main Street N., Dundalk Ontario, N0C 1B0

ATTENDEES:

Glen Irwin	Mary Fowler
Sarah Mason	Steve Redmond – Chair
Guy Treadwell – Lystek	Grant Preston

Guest: Curt Hammond, Pearl Street Communications

Regrets: Karen Cheeseman

AGENDA TOPICS:

Item	Description	Action By
1.	Acceptance of Previous Meeting Minutes (June's Tour Notes)	Moved by Grant Preston Seconded by Mary Fowler
2.	Approval of Agenda Introduction of Curt Hammond (Pearl Street Communications, Elora, ON) Pearl Street Communications is a company specializing in renewable energies that works to build relationships, communication and public participation between development and rural communities. Curt has been working with Lystek for about a month and a half.	Moved by Guy Treadwell Seconded by Sarah Mason



3.	Public and Media Attendance – Re: Question Period (No public/media in attendance at this meeting)	
4.	<p>Construction and MOE Approval Update</p> <p>Construction continues on the form work for footings and walls that will support the pre-engineered building. This work is now approximately 75% complete.</p> <p>The building is pre-engineered and has been ready for weeks. The steel is scheduled to arrive just after the August long weekend (August 7th) and it is estimated that the steel will be erected by the end of August. Following the steel erection, the windows and doors will be installed.</p> <p>Lystek is moving forward with the work related to the building and compound area only. The work currently being completed falls under Lystek’s “shell” building permit.</p> <p>There are three MOE approvals; one to design and operate the site, one for the air and noise related to the site and one for the surface run off for the site. Lystek currently has draft approval for all three. The actual draft MOE approval for the air is in the form of a written letter from the MOE stating that there are no technical issues with the application. It is anticipated that Lystek will have all draft MOE approvals within a week. The reason that the MOE provide a draft approval is to ensure that the applicant can review the actual wording of any conditions for errors or inconsistencies prior to final MOE approval. After final approval, all documents become public. There is a formal 15-day window for the public to respond.</p> <p>Their last hurdle for Lystek is to demonstrate to the MOE that they have done their duty to consult with the aboriginal community on behalf of the crown.</p>	Guy Treadwell



	<p>Question: How is the aboriginal assessment going? (asked by Sarah)</p> <p>(Guy Treadwell): Very well. Lystek has met with the Elected Council of the Six Nations of the Grand River and the Haudenosaunee in addition to the Saugeen Ojibwa Nation. Barry Hill (a Mohawk and former president of Ontario Soil & Crop Improvement Assoc.) conducted a third party technical review in the capacity of the Haudenosaunee Development Institute. His opinion will be printed in local papers in Aug 1, 2012.</p>	
5.	<p>Future Press Releases</p> <p>The PAC reviewed the July 18th press release regarding the June site tour (attached to minutes)</p> <p>Discussed possibility of using FAQ from the <i>Water Environment Association of Ontario</i> as a future press release. It was decided that discussions on this would be continued at a later meeting.</p>	Steve Redmond
6.	<p>Community Advisory – New Format / New Topics</p> <p>Steve felt that the PAC should work on a branding to represent the objectivity of our group and our independence from Lystek itself.</p> <p>It was suggested that we now be referred to as the <i>Southgate Public Advisory Committee</i> and the Lystek logo should not be used on our press releases etc.</p> <p>It was suggested that PAC member Karen Cheeseman could be asked for assistance to design a logo.</p>	Steve Redmond And Curt Hammond
7.	<p>Land Applications Schedule for Drayton Field Application:</p> <p>Steve provided a formal Land Application Schedule of the Drayton Lystek material as viewed by the PAC in</p>	Steve Redmond



	<p>June.</p> <p>Mark Janiec (Terratec) had provided Steve with a summary, from April 18, 2012, of four samples of Guelph Lystek material sampled and analyzed in March-April 2012.</p> <p>The Lystek site at Drayton was being applied under an MOE Certificate of Compliance at 40 cubic metres per hectare.</p> <p>Steve demonstrated how the application would appear under the OMAFRA NASM Regulatory Framework. Assumptions were made on soil test levels and corn yields.</p> <p>Steve commented that Terratec was using several Best Management Practices on this field to ensure that the environmental impact of a June application was sustainable. The greatest of these was the requirement for the grower to grow a cover crop of peas, barley and other forage species to absorb nutrients and retain nitrogen for the 2013 corn crop.</p> <p>The injection of the Lystek material at a “low” rate into this loam soil ensured that odours to neighbours were minimal.</p>	
8.	<p>New Business:</p> <p>Guy asked about the “Human Waste to Fertilizer” statements being used in the media.</p> <p>We discussed that the proper terminology would be to say that the Southgate OMRC will receive dewatered biosolids that originate in a MOE approved waste water treatment plant were the sewage undergoes primary and secondary treatment. This material is then treated again by Lystek to reduce pathogens and the produce a fertilizer that can be applied as an organic amendment to agricultural fields.</p>	Guy Treadwell



<p>The PAC felt that it is difficult for the public to understand the full waste water treatment process and that the label “human waste to fertilizer” isn’t totally incorrect. This statement is shorter and easier to understand for the general public and they will continue to use this term to describe the OMRC.</p> <p>Lagoon Containment (attachment from Guy Treadwell)</p> <p>Guy explained that it will be difficult for the finished product to over flow the banks of the lagoon as the lagoon is essentially sealed by the liner. The liner is made of a thick material that is permanently attached to the sides of the lagoon forming a barrier to prevent rainfall or storm water from entering. The top of the lagoon will collect rainwater and this water will be harvested and recycled to be used in the Lystek process to rehydrate the dewatered biosolids.</p> <p>Regulation on Incoming Material:</p> <p>Guy also wanted to clarify the degree of regulation that occurs prior to Lystek receiving the incoming material.</p> <p>The incoming municipal biosolid product is heavily regulated at the industrial source and at the municipal waste water treatment facility to ensure that it meets ministry guidelines for regulated metals and other contaminants. Lystek will also be regularly testing the incoming product as a precautionary measure. The incoming product will always have been tested at the waste water treatment plant prior to Lystek receiving the dewatered biosolids to ensure that regulated metals, pathogens etc are all within limits enforced by the MOE.</p> <p>If an industry is unable to meet the MOE limits for contaminants then the material from that source remains a waste that must NOT enter the waste water system. Therefore this material would not progress to the next stage of wastewater/ biosolid treatment.</p>	
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	<p>Walkway on West Back Line:</p> <p>Glen Irwin raised a question about a walkway on the West Back Line.</p> <p>Mary Fowler (who lives on this street) commented that there is a concern with traffic however the trucks travel slow as they require time to accelerate from Main Street and that the real problem are cars, including OPP vehicles, that speed down the road. Sarah Mason questioned the possibility of widening or improving the sidewalk on Main Street. Glen mentioned that it is in Grey County’s future plan to redo Main St. and it may be a possibility for the Township to look into improving the sidewalks at this time as well.</p> <p>Lystek’s Use of New Trucks with Tight-Tarps:</p> <p>Sarah asked Guy how their research into new trucks to haul the dewatered biosolids in was going?</p> <p>Guy mentioned that Lystek has been very busy lately with the aboriginal consultation and other legal matters and that they are still looking into this.</p>	
9.	Action Items	
10.	Adjourn Meeting	Moved by Mary Fowler Seconded by Grant Preston



Action Items for PAC

<i>Item</i>	<i>Who</i>	<i>When</i>
Biosolids - Regulated Metal presentation	Steve R.	February (complete)
Pathogens and Micro Contaminants in Sewage Biosolids	Dr. Ajay Singh	February (complete)
Comparison of Setback Distances (NASM vs. Commercial Fertilizer	Steve R.	March (complete)
Press Release # 1 (Answers to Questions on Distances to School and Processing for Pathogens)	Steve R.	April 30 (complete)
Question & Answer Document (version 2)	ALL	ONGOING
Press Release # 2 (Economic Return to Southgate)	Steve R.	June 11 (complete)
Tour of St Marys facility	All	June 19 (complete)
Visit to field were Lystek product is being land applied	All	June 19 (Drayton area)
Press Release # 3 (PAC Tours St Marys & Land Application of Lystek Material	All	July 18 (complete)
Press Release # 4 Pros & Cons of Three Disposal Options for Sewage Biosolids; Land Fill, Incineration and Land Application	All	September ?
Best Management Practices for Land Application of Lystek Material (A Guide for Farmers purchasing product)	All	October- November

