Glanbrook Landfill Coordinating Committee
Monday, August 24, 2009
Glanbrook Landfill Meeting Room
4:30 p.m. to 6:00 p.m.

Attendees:
Members
Allan Freeman, Chair
Andy Fevez
Sheila May
Brooke Ryan
Dan Rodrigues (WRTF)

City of Hamilton, Waste Management
Pat Parker, Manager of Solid Waste Planning
Fabiano Gondim, Supervisor of Landfills

Ministry of Environment
Joanne Placko (Resource)

Waste Management of Canada Corporation
Ron Wright (Resource)

Regrets
Councillor David Mitchell
Craig Murdoch, Manager of Waste Disposal
Frank Falcone, Project Manager, Landfills
Annie Michaud (Niagara Peninsula Conservation Authority)

Review of Minutes from Previous Meeting
The minutes of the May 22, 2009 meeting were approved by the GLCC and submitted to Council.

ITEM

1. Planning Study of Land Use Controls Adjacent to the Glanbrook Landfill Site – Presentation of Area of Influence
Pat Parker did a follow-up of the May 22 presentation regarding the study that is being undertaken on land use controls adjacent to the Glanbrook Landfill. Pat Parker handed out 5 slides and said that increased landfill life means that landfill operations can affect and be affected by future land developments and sensitive land uses in the vicinity of the Landfill. It is proposed that a means of protection from future developments of incompatible land uses occurring in the vicinity of the landfill should be established. Pat presented the reasons for the study, a map showing an area of potential influence, management options and the recommendations.

These were the Recommendations: The “status quo” option was not included in assessment since it would not address the reason for undertaking the Study. The
recommended preferred means by which the City could manage the development of incompatible land uses in proximity to the Glanbrook Landfill - which includes an Appendix to the City’s and County’s zoning by-laws that would illustrate and “Area of Potential Influence” around the Landfill (the illustration would be used as a “red flag” to any potential purchasers of properties as well as for the staff review of perspective development proposals).

The following motion was moved by Andy Fevez and seconded by Brooke Ryan:

_That the committee supports the recommendation of the Waste Management staff to include an appendix to the City and County of Haldimand Zoning By-laws that will illustrate the area of potential influence around the landfill._”

All committee members were in favour. The motion was carried.

Pat Parker said a public consultation process would be required for changes to the zoning by-laws.

The staff report on the study is scheduled to go to the Public Works Committee meeting on Sep 21st.

2. **GLCC Contact List Review**

- Allan Freeman and Andy Fevez postal code should be L0R 1C0. Andy Fevez address should be Binbrook, not Mount Hope. Fabiano will correct the distribution list.
- Fabiano Gondim to confirm Councillor Mitchell information

3. **2008 Annual Monitoring Report**

- Fabiano gave the Executive Summary and the Information Update for the 2008 Annual Monitoring Report and the highlights were:
  - During 2008, a total of 154,302 tonnes of waste was deposited into the Glanbrook Landfill site. At the current landfilling rate and a 40% waste diversion rate, the remaining life span of the site would be 27 years.
  - Leachate levels were slightly lower than 2007 so the leachate collection system is doing the work it is supposed to do.
  - Leachate quality was the same or slightly improved as compared to previous years.
  - Landfill gas monitoring results showed no landfill concerns.
  - In 2007, a total of 35 complaints were received. In 2008, a total of 13 complaints were received.
  - As a follow-up to the last GLCC meeting, the Niagara Peninsula Conservation Authority report was received for the surface water monitoring. It was concluded that monitoring results demonstrate no landfill impact to the Buckhorn River and the Welland River.
  - Groundwater monitoring results also show no off-site impact related to the landfill.
  - The full report was delivered to the Ministry of the Environment, the GLCC and the Binbrook Public Library, and is also available on line at [www.hamilton.ca/waste](http://www.hamilton.ca/waste)

Allan Freeman suggested the annual reports indicate tonnage and airspace consumed for the reporting year. The City will consider this in future reports.

Sheila May observed a van with two men on Hall Road last week. They said that they were testing air quality. Joanne Placko indicated that it was not anyone from their organization. Joanne informed the GLCC that the van would have the Ministry’s markings. Fabiano mentioned to the GLCC and Joanne that we have
had an air quality testing van at the Central Composting Facility that did not have Ministry markings but the staff told the City they were from the Ministry. Joanne offered to check if the van was indeed a MOE vehicle and would report back to the group.

4. **Storm Water Ponds Data**
   - On August 12, all 5 surface water ponds were tested, passed the Ministry of the Environment criteria and were released. The ponds are currently empty.

5. **Leachate Levels**
   - Fabiano Gondim was not able to present a cross section representing leachate levels for the past two months as there is a problem with the portable depth meter, and a new one is on order. An alternative depth meter was obtained and used earlier today and the leachate levels were the same as before. Leachate cross sections will be presented at the next meeting.
   - Sheila May asked how the levels in Cell 4 are. Fabiano said the leachate levels at Cell 4 are no higher than the other portions of the site as confirmed by a new leachate monitor installed beside LM4, and there are no concerns as there is no evidence of seeps to the surface in Cell 4. Ron Wright confirmed there are no seeps in Cell 4.

6. **Landfill Building Renovation / Refurbishment**
   - Fabiano gave an update on the building renovation / refurbishment. The building is approximately 30 years old and it is anticipated that it will be used for another 30 years. There is a need to renovate the building because the roof of the old portion needs to be replaced, Ron Wright’s office windows and roof are leaking and the underground air ducts have water in them so it is a health and safety concern. As part of the renovations, a women’s washroom, and a City office/storage area will be built. Bestco Construction from Ancaster was the lowest bidder and will do the renovations. The cost on the renovation is $580,000 and will start after Labour Day and is scheduled to be completed by November 27.

7. **Landfill Site Contract Administrator**
   - We are currently hiring a Landfill Technologist to work full-time at the landfill. The new operating contract requires a more active role from the City to be monitoring the performance of the contractor and the Ministry of the Environment issued a new Certificate of Approval last year that contains 94 new conditions. These conditions have increased the workload on landfill staff significantly and has resulted in the need for a person to be dedicated to the landfill. The Landfill Technologist will report to Fabiano Gondim and will attend the November meeting to be introduced to the Committee.

8. **Landfill Operations Contract Update (Current / 2010)**
   - The City is currently working on the close out of the existing contract and also working on the transition of the new Contract with WMCC. The City is meeting with WMCC monthly and required reports have been submitted by WMCC and reviewed by the City. A new compactor and tarp deployer is on site for the new contract. The City is working on the necessary arrangements to ensure a smooth transition of the contracts.
   - At the request of the GLCC, an Open House at the former Town Hall will be held in November to meet the operating contractors (BFI and WMCC). The Committee will meet on November 23 from 4:30 p.m. to 6:00 p.m. and the Open House could
go from 6 p.m. to 8 p.m. Brooke Ryan suggested we put an advertisement in the Glanbrook Gazette to keep residents informed of the Open House.

Fabiano Gondim said the City is also planning to send a letter to the residents surrounding the landfill to inform them of the contract transition and Open House. The Committee liked the idea.

9. Waste Reduction Task Force Update

Dan Rodrigues gave the Waste Reduction Task Force update. The green carts in multi-residential buildings were introduced, with 69% participation of the buildings to date. Diversion rate for single family is currently 53.4% and that was up from 44% since 2006. With the new curbside collection contract due in 2013, an ad hoc committee was formed with members from the WRFT and the Clean City Liaison Committee to review the blue box program in advance of the RFP process in 2011.

At the August 19th meeting, the main topics of discussion were Pay as You Throw (PAYT) options as directed by Council to review further diversion rates. This is the hot topic of the day.

Recommendations were made during the review of the diversion tools: “Reduce” should be encouraged as part of an enhanced community outreach program; Pet waste should be considered as a short term diversion option; no support for additional capital projects due to impacts on the budget; additional diversion at the CRCs and additional curbside enforcement; curbside pickup of small electronics/appliances; energy from waste should be considered as a diversion option.

10. New Business

Fabiano Gondim reported on the Hamilton Renewable Power Inc (HRPI) energy generators. The current noise level is very low now as compared to before. The contractor installed 45º elbows to divert noise levels, put in radiator barriers (absorbent materials), installed hospital grade silencers and upgraded the size of the exhaust pipes for lower velocity and decreased noise. However, HRPI is still getting complaints from one resident. HRPI is meeting the daily limits, which is 45 decibels but we are currently unable to measure night levels because the crickets are nosier than the generators this time of the year, so the option is to use computer models to filter out cricket noise and estimate the noise levels at the closest resident. Fabiano clarified that this is a HRPI issue, and Jim Harnum is the leader of the noise mitigation efforts. Sheila May said people in Hall Road are not hearing the generators and the complainant lives in Haldimand County.

NEXT MEETING: Monday, November 23, 2009, Binbrook Municipal Service Centre (former Town Hall).