Glanbrook Landfill Coordinating Committee  
Monday, November 23, 2009  
Glanbrook Landfill Meeting Room  
4:30 p.m. to 6:00 p.m.

Attendees:  
Members Allan Freeman  
Andy Fevez  
Sheila May  
Brooke Ryan  
Dan Rodrigues (WRTF)  
Councillor David Mitchell  

City of Hamilton, Waste Management Craig Murdoch, Acting Director of Environmental Services  
Emil Prpic – Acting Manager or Recycling and Waste Disposal  
Fabiano Gondim, Supervisor of Landfills  
Frank Falcone, Project Manager, Landfills  
Rob Conley, Landfill Technologist  

Ministry of Environment Joanne Placko (Resource)  
Waste Management of Canada Corporation Ron Wright (Resource)  
Regrets Annie Michaud (Niagara Peninsula Conservation Authority)  

Review of Minutes from Previous Meeting  
The minutes of the August 24, 2009 meeting were approved by the GLCC and submitted to Council.

ITEM ACTION  
1. City’s Public Works Department Re-Org, Introductions  
Craig Murdoch explained the new Public Works organizational structure to the GLCC. Craig Murdoch mentioned that due to some new positions within the re-org that there are current employees acting in some positions until permanent employees are hired. Craig Murdoch is the Acting Director of Environmental Services and Emil Prpic is Acting Manager of Recycling and Waste Disposal.  
Also due to the increased reporting requirement in the new consolidated C of A (94 new conditions were imposed) and the increased requirement of the new operational contract, a new position (not part of the re-org) was created to handle...
the increased workload. Rob Conley was hired as Landfill Technologist and will be working out of the landfill on a full time basis as soon as the building renovations are completed.

2. **Storm Water Ponds Data**
   - Frank Falcone reported that only one pond was sampled since the last committee meeting. Pond 5 was sampled on October 29, 2009, the results showed the water quality met the MOE criteria and was released.

3. **Leachate Levels**
   - Frank reported that leachate levels in well LM4 is down approximately 2 metres since last time the levels were reported. LM1 and LM2 had slightly higher leachate levels since the last time levels were reported and could be caused by the fact that LM1 and LM2 were replaced with new wells or by the fact that 2009 has been a very wet year.

4. **Landfill Building Renovation/Refurbishment**
   - Fabiano Gondim reported that building construction began in September 2009. Walls, plumbing, electrical and the roof have been completed. The contractor is working on the ceilings, floors and painting at this time. Total budget for this work is $580,000 and the renovation project should be completed on budget.

5. **2009 Air Monitoring Study**
   - Fabiano Gondim reported that the air monitoring program was completed by SNC-Lavalin, the same consultant that did the air sampling program in 2007. This will allow the City to compare data before and after operation of the landfill gas to energy facility. The report was peer reviewed by the City of Hamilton Public Health Services (HPHS). All air samples were below applicable Ministry of Environment (MOE) criteria, except for one location, the natural sulphur spring where hydrogen sulphide was above the MOE criteria. The letter from HPHS confirms that the air quality around the Glanbrook landfill has improved since the installation of the Glanbrook Landfill Gas to Energy Facility.

   - Fabiano Gondim gave a copy of the report to the GLCC and Andy Fevez requested a layman’s summary of the report.

6. **Landfill Operation Contract Update (Current/2010)**
   - Craig talked about new equipment that will be used at the Glanbrook landfill as per the new operations contract with WMCC. Equipment has been inspected to ensure it meets contract specifications as it arrives and prior to use. The City is having frequent meetings for closing out the existing contract with WMCC. Conditions that have to be achieved to be in compliance are being addressed. The City is also meeting with BFI monthly and conducting equipment inspections to meet the conditions of the new contract to operate the transfer stations as well as hauling waste to the Glanbrook landfill.

7. **Planning Study of Land Use Controls Adjacent to the Glanbrook Landfill Site – Update**
   - Craig Murdoch gave an update as a follow-up of Pat Parker’s presentation at the last meeting regarding Planning Study of Land Use Controls Adjacent to the Glanbrook Landfill Site. The study was presented and approved by the Public Works Committee as shown in item No. 5 of report No. 09-013. The City will include an appendix in the new City of Hamilton rural area Zoning By law showing the Area of Potential Influence shown on Appendix A to report PW09079 and to consider this appendix in their review of planning applications and zoning verifications. City’s Clerk will send a copy of the report to Haldimand County to
request them to initiate an amendment to the County Zoning By-law showing the Area of Potential Influence shown on Appendix A to Report PW09079 and to consider this appendix in their review of planning applications and zoning verifications.

\[\text{City}\]

A question was asked if the Haldimand County approved the report (Planning Study of Land Use Controls Adjacent to the Glanbrook Landfill Site). The City will follow-up.

\[\text{City}\]

All land severances have now been frozen going forward. All severances that were in process prior to the recommendations being passed will proceed.

\[\text{City}\]

Brooke Ryan questioned why the City sets target rates for recycling. Brook suggested that the City forget about setting a target date for a diversion rate. Craig Murdoch commented we have the tools to achieve 55% diversion from residential waste. Craig Murdoch also pointed out that item 4b of PW Committee report starting with street sweeping recycling program, drywall recycling program, commercial, education and awareness for the use of cloth diapers, will all help the City to reach their future diversion goals. The Solid Waste Management Master Plan will be reviewed in 2010 as it will be the 10th anniversary regarding the target of 65% diversion.

\[\text{City}\]

8. Waste Reduction Task Force Update

\[\text{City}\]

Dan Rodrigues gave an update for the Waste Reduction Task Force (WRTF):

\[\text{City}\]

The same Public Works Committee report delivered to the GLCC mentions the City got the Gold award from the Solid Waste Association of North America (SWANA) for the Glanbrook Landfill Gas Utilization facility. Hamilton is one of the only Canadian cities that have won multiple awards from SWANA.

\[\text{City}\]

The WRTF is reviewing the Waste Diversion Act which may impact recycling programs. Some items may be returned to point of purchase as opposed to curb side collection, which will further increase diversion rates from the Landfill. The City list of materials accepted in the blue box is greater than any municipality in Ontario. A report will be generated at the next WRTF meeting with the findings of the review of the Waste Diversion Act.

\[\text{City}\]

Dennis Guy presented to the WRTF how the city will expand on social media advertising – Twitter, Facebook, etc., in order to start reaching the younger market.

\[\text{City}\]

Change in Gold Box program. Have received about 15,000 applications and have given out about 300 gold boxes. The program is based on weight. Will be changed to capture rate. Gold boxes will be distributed as areas are checked and the application process will still apply for the $160 rebate. The rebate will be rewarded on a lottery system.

\[\text{City}\]

Report on presentation from Bishop Ryan Catholic Secondary School: they have a program called Bright. They are engaging the school to reduce the amount of waste that ends up in the landfill – similar to Woodward Elementary School who reduced from 80 bags of garbage per week down to 2 bags.

\[\text{City}\]

There are 3 returning members of the WRTF. One person has opted not come back. New members will be in place in January and there will be a new rep for the GLCC.

9. New Business
Brooke Ryan asked if the Closed landfill on Fletcher’s Road have monitoring levels because he saw City staff sampling groundwater recently. Craig Murdoch commented that we are required to monitor all closed landfills that are maintained by the City and report to the Ministry of Environment as required. All closed landfills that were City of Hamilton landfills are inspected and water samples are regularly collected, either quarterly, semi-annually or annually.

A question was asked about the number of landfills in Glanbrook. Craig Murdoch stated that we look after four closed landfills around the Glanbrook area that were once municipal landfill sites. Craig Murdoch pointed out some of the remediation methods used to control closed landfills if they have environmental issues. Remediation at closed landfills is conducted when required to stop any erosion, seep or any other deficiencies that may occur. These issues are found through regular inspections and monitoring. The City does not look after private landfills.