# Minutes

Glanbrook Landfill Coordinating Committee  
Monday, August 28, 2006  
Central Composting Facility (CCF)  
1579 Burlington Street East  
4:30 p.m. to 6:00 p.m.

## Attendees:

**City of Hamilton, Waste Management:**  
Craig Murdoch, Manager of Waste Disposal  
Frank Falcone, Project Manager, Landfills

**Members:**  
Allan Freeman, Chair  
Andy Fevez  
Brook Ryan  
Mike Caruso WRTF

**Ministry of Environment:**  
Joanne Placko (Resource)

**Waste Management of Canada Corporation:**  
Ron Wright (Resource)

**Regrets:**  
Job Manning  
Councillor Dave Mitchell  
Annie Michaud (Resource)

## Review of Minutes from Previous Meeting

- Minutes of May 29, 2006 were approved as circulated. Motion to approve by Andy Fevez and seconded by Brook Ryan. All in favour. Motion carried.

## Item 1: CCF Tour

- Craig Murdoch gave a tour of the Central Compost Facility.
2. **Staffing Update**

Craig Murdoch announced that Dave Kerr has moved onto another position within the City and Waste Management is currently going through the recruitment process and plans to have a replacement by the next GLC meeting. In the meantime Craig will be Acting Supervisor of Landfills.

3. **Landfill Gas Control**

Craig mentioned that the City has installed a temporary flare system to burn off gas emanating from the manholes at the north end of the landfill that were a source of odour. The system is burning off the gas at a high rate and it eliminated the odour coming from the manholes and there have been no further complaints.

4. **Potential Electricity Generation from Landfill Gas**

Craig outlined steps taken to date relating to the installation of a gas collection system and potential energy from gas project. The project is considered in two parts, one is the installation of a gas collection system with flare and the second is the energy generation component. Presently the Waste Management division is working with Hamilton Renewable Power Inc. (HRPI) to partner with Toromont CAT to provide the entire system. A draft contract is being prepared and negotiations will proceed after that. The contract will be in two parts for the two different components of the project. It is hoped that construction can begin in 2007 and be completed no later than mid 2008. The project is dependant on both, budgetary approval and an agreement with the Province to purchase the electricity.

5. **Potential Future Program Changes**

Craig stated that the City is considering options in Waste Management that includes a four day a week collection. This option is being evaluating now and a report is going to council next month which may recommend that the City go to a four day a week pickup and give staff the authority to negotiate potential changes with our contractors providing various services. The reason for the four day a week pickup is to make our fleet more efficient in that we can do fleet maintenance on the fifth day saving the City the need for an extra shift to do maintenance at night and to also fully utilize the truck’s capacity. We would be looking at a Tuesday to Friday collection. This would eliminate the shift in collection day when there is a holiday. There are a number of reasons why this is the right thing to do but it will have a trickle down effect on the current system. Evaluation of this potential change is on-going.

Craig stated that another change that may occur in the future is single stream recycling. Currently we ask that the fibers and the containers be separated at the curb. With single stream recycling everything can go into a single container and the material will be separated at the facility. This will require a change in the equipment at the Materials Recycling Facility (MRF). The trend is to go to single stream recycling
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because it capture more recyclables as it makes it easier for people to participate. This will encourage people to recycle more because they do not have to separate there recyclable. The drawback is that there is more contamination and therefore there is a lower market value for the product. This has been experienced by other municipalities. If we go to single stream the equipment will need to be upgraded by 2008, if we stay to with the current two stream we will have to upgrade the system by 2010.

6. Status of Leachate Mound

Frank Falcone handed out plan showing the latest leachate elevations at the landfill and stated that the section show the leachate level has not changed much since the last meeting with the exception of LM1 which has dropped substantially. LM1 has dropped approximately two meters. Frank pointed out that LM1 is in the middle of Stage 1. Frank also mentioned that the City is in the process of drilling additional wells to replace current wells that have plugged and others that show an unusually high leachate level. The City also plans to drill new wells in the areas around the landfill that currently do not have wells so that we can get a more accurate representation of the leachate levels. The City will drill at least three in the next month to replace the existing problem wells and then plans to drill new one when the waste grades get closer to final grade to save the need to extend the wells to final grade.
7. Waste Reduction Task Force Update

Brook Ryan has not been able to attend the last few task force meetings due to his new job. Brook would like to step down as the GLCC representative and has asked that someone else attend. It was decided by the committee that they will not send another member due to other time commitments and will ask for a new representative when the next committee is formed after the Municipal election. The GLCC asked Mike Caruso to be the representative for both committees for the remainder of the year and Mike agreed.

Mike updated the group that the City’s current diversion rate is around 30% and is expected to be around 34% by the end of the year. The rate should have been around 40% for 2006 to meet the 65% diversion rate by 2008. Craig indicated that the new composting program is giving diversion a big boost even though it’s only been running for 4 months.

Mike indicated that the task force discussed Halifax where they have a successful program using clear plastic garbage bags to promote more recycling. It forces residence to use clear plastic bags with some minor exception that allow someone to put a dark bag within the plastic bag to protect their privacy if there are items that they do not want seen. However the intent is to make it easy for by-law enforcement to see if someone is complying with diversion requirements and also creates peer pressure when the neighbours can see what everyone puts out.

7. New Business

The City provided the committee with a copy of the 2005 Glanbrook Landfill Annual Report for their reference.

The Pond data was not available at the meeting. Craig mentioned that Frank will mail out copies to the committee members.

The City will hand out 2005 Annual Report booklets at the next GLC meeting.

NEXT MEETING – Monday, November 27th, 2006 @ 4:30 pm

Minutes prepared by Frank Falcone/reviewed by Craig Murdoch