City of Hamilton
Public Works Department
WASTE MANAGEMENT DIVISION

MINUTES

Glanbrook Landfill Coordinating Committee Meeting
Monday, August 25, 2008
Glanbrook Landfill Meeting Room
4:30 p.m. to 6:30 p.m.

Attendees:
MEMBERS
Allan Freeman, Chair
Andy Fevez
Sheila May
Brooke Ryan
Councillor Dave Mitchell
Dan Rodrigues (WRTF)

CITY OF HAMILTON, WASTE MANAGEMENT
Craig Murdoch, Manager of Waste Disposal
Beth Goodger, Director of Waste Disposal
Fabiano Gondim, Supervisor, Landfills
Frank Falcone, Project Manager, Landfills
Heather Bain, Administrative Secretary

DILLON CONSULTING
Gary Komar (Resource)

MINISTRY OF ENVIRONMENT
Joanne Placko (Resource)

NIAGARA PENINSULA CONSERVATION AUTHORITY
Joshua Diamond (Resource)

WASTE MANAGEMENT OF CANADA CORPORATION
Ron Wright/Reid Cleland (Resource)

IN ATTENDANCE:
Gerry Smith, Brian Smith

REGRETS:
Beth Goodger, Reid Cleland, Dan Rodrigues

Review of Minutes from Previous Meeting

\* Allan Freeman asked the members if there were any comments on the previous minutes and stated that the previous minutes have already been circulated and have been approved. There were no additional comments.

ITEM

1. Introductions – Heather Bain and Gary Komar
   \* Craig Murdoch introduced Heather Bain who is his new permanent Administrative Secretary, and;
   \* Gary Komar from Dillon Consulting who will be providing a PowerPoint presentation to the Committee, agenda item 4.
2. **2007 Glenbrook Landfill Monitoring Report**
   - Fabiano Gondim presented the GLCC with a copy of the 2007 Glenbrook Landfill Annual Monitoring Report.
   - The Executive Summary of the 2007 Annual Monitoring report was distributed to the GLCC.
   - Fabiano Gondim noted that the newly issued C of A requires the annual report to include operational and environmental components as well as the technical sampling data for 2009. For 2008, the MOE allowed the City to follow the previous format as the report was nearly completed when the new C of A was received.
   - The recommendations contained in the report all being followed up by City staff and were reviewed point by point with the GLCC.
   - Councillor Mitchell noted that the City provided impacted residents with indoor air purifier units last year and that this should be noted in the annual report. As this report has already been finalized, Craig stated that staff will ensure it is included in the 2008 annual report.
   - Alan Freeman mentioned to the GLCC that if anyone has any questions on the report to bring them back to the next meeting, or to call Fabiano for immediate answers.
   - One full copy of the report was given to Alan Freeman. The complete report will be posted on the City's website and is available at the Glenbrook Public Library and Glenbrook Municipal Service Centre.

3. **Certificate of Approval Update, ERT Appeal, Next Steps**
   - Craig Murdoch reported that a new C of A dated May 21, 2008 was received. Upon review, there were some conditions that would result in higher staffing requirements, costs, or instant non-compliance.
   - The City appealed 21 conditions and applied for a Stay for 7 conditions.
   - The Environmental Review Tribunal sent out notices to all houses within 500 m of the landfill providing dates and locations for a pre-hearing as well as the final hearing. Pre-hearing date is September 25th in Dundas, the main hearing to be heard on November 3, 2008 in Dundas as well for any items that the City and MOE are unable to resolve.
   - The main outstanding item is the final slope of 5% instead of 1%. If no resolution is agreed to by the MOE and the City, hearing will proceed as scheduled.
   - Alan Freeman recommended the committee read the report, if there are any issues to advise him and another GLCC meeting can be set up. Alternatively, if members just have questions, Fabiano may be called.

4. **Options for Landfill Contours**
   - Gary Komar from Dillon Consulting gave a PowerPoint presentation on the options to the 5% top slope requirement stated in the new Certificate of Approval.
   - Final top slope change from 1% to 5% would result in approximately 2.5 years of lost capacity or $30.4m in tipping fee equivalence.
ITEM

- The preferred option is to increase the landfill peak by 2.5m to attain 5% top slopes in Stage 3 and at least 3% in Stages 1 and 2, which maintains the same landfill footprint.
- Alternative proposal #1 is to increase the width of Stage 3 to attain 5% top slope by widening 10m west (Trimble) and 7m north (Hall Rd) increasing the landfill footprint or;
- Alternate proposal #2 is to retain the 1% top slopes and appeal the new C of A. This option would require more top slope maintenance.
- The GLCC is in support of the preferred option. Alan Freeman recommended that the GLCC support of the preferred option be included in the Notice to be sent to area residents and also be included in the Public Information Session presentation.

5. Public Information Session

- Fabiano Gondim mentioned that the City will be hosting a Public Information Session on September 8, 2008 @ the Glenbrook Municipal Centre, Council Chambers. Display boards, city staff and consultants will be available at 6:30 pm, presentation @ 7:00 pm, followed by a question and answer period.
- All owners/residents living within 500m of the Landfill will receive a Notice explaining the options to address the slope issue and date and location for the public information session.

6. Tree Planting Update

- Craig Murdoch mentioned that there are two separate tree issues he’d like to update the GLCC on. One is tree replacement by Hamilton Renewable Power Inc. (HRPI) to compensate residents affected by the Hydro One tree removal and the second is annual tree planting for landfill screening.
- One the first issue, Councillor Mitchell (Chair) and Jim Harrum (Vice President), representing HRPI and Craig Murdoch representing the City will be meeting with residents that had trees removed in front of their properties to offer a resolution to trees in mid-September.
- One the second issue of annual tree planting for the landfill, larger than average trees approx. 6-9 feet will be planted in the buffer lands on Hall Road, approximately 350 to 450 trees costing $150,000. The tree planting will start this Fall.
- The trees to be planted this year are in addition to the 260 trees that were planted in previous 3 years.
- 1 to 2 dozen very large trees will be planted in the thinnest area on Hall Road, including purchasing some evergreens to provide a visual screen. These trees will be planted using a spade truck and where possible, trees will be relocated from other areas on the landfill property.
- Trees will be maintained, watered and mulched for the following 2 years to ensure maximum survival rate.
- Forestry has noted some areas very dense that have stressed out existing tress. They will trim, producing more light to promote future growth.
7. **Landfill Gas Project Update**

Craig updated the GLCC with the progress to date on the Landfill Gas Project as follows:

- All underground electrical wiring has been completed.
- The contractor will continue to work on electrical and mechanical components over the next few weeks.
- Hydro One is installing the 7 km hydro line.
- October 15th will be starting up, November 15th to be installed to grid.
- Hydro One requires a radio tower that will be installed close to the generators and will be 35 metres high. This will not be visible to residents.

A media event, a ribbon-cutting ceremony, has been scheduled for September 24, 2008. Dignitaries to be invited from:

- The Province
- Hydro One
- Mayor Eisenberger and Councillor Mitchell
- The Chairman of Haldimand County
- Chairman of Niagara
- Allan suggested to invite the MPP’s and MP’s
- Mayor Burrow, Niagara-On-The-Lake and;
- President and Vice President of Hamilton Renewable Power

It was noted that this project will take approximately 4 years to pay for itself and then will become profitable.

Brooke Ryan suggested that if any profits are made from this project, they should be disbursed to the residents around the Landfill.

Councillor Mitchell noted that he is on public record stating that some of the profit from Green Energy should stay within the community. The host community for environmental projects could receive some benefits that could be used towards a significant project for that area. The roads in the area need more maintenance now because of the landfill traffic and future traffic, therefore, some funds or a percentage of funds, should be requested.

Brooke Ryan made a recommendation, passed by the GLCC that staff investigate the possibility of dispersing revenue received or that a percentage of future profits be dispersed to the landowners surrounding the landfill.

C. Murdoch
F. Gondim

8. **Pond Data**

- Fabiano Gondim provided data on the Storm Water Retention Ponds. Pond 5 has been released as it is below MOE standards.
- Andy Fevez asked if leachate was trucked off-site this year? Fabiano Gondim responded that the only water trucked off site was compost pond water. No leachate was trucked off site; any ponds that failed were pumped to the leachate collection system.
ITEM

❖ Councillor Mitchell asked about the leachate levels; if levels go down, compost pond water could be pumped to the leachate collector system as an option. Fabiano responded that this will be looked at as an option in the future contract.

❖ Currently, compost pond water is separate from ponds 1 to 5 contractually.

9. Daily Cover Update

❖ More contractors are now bringing soil to the site with more requests currently coming in from additional contractors.

❖ The imported soil was enough to complete intermediate cover in the entire landfill and to stockpile soil for daily cover for 6 months.

❖ One of the major projects that sent soil to Glanbrook landfill was the construction of the Centre Mall project.

❖ Fabiano Gondim confirmed that site visits are conducted prior to accepting soils, and that once soils are received confirmatory samples are taken to verify the imported soil meets the C of A criteria.

10. Status of Leachate Mound, Installation New Monitoring Wells

❖ Frank Falcone provided an update on the status of the leachate mound and the installation of new monitoring wells.

❖ Frank provided charts which show the leachate mound levels.

❖ Drilling is starting next week. Two wells at different depths will be installed beside LM4.

❖ LM1 to be replaced which is a straight replacement due to a blockage being detected.

❖ Once the wells are completed, the City will measure levels on a regular basis

11. Landfill Operations Contract Update

❖ Craig Murdoch updated the Committee on the Landfill Operations Contract. We received bids on July 22, 2008 on projects A for the Transfer Station, B for the Landfill and C, which was a combination of A, and B.

❖ One Proponent did not meet bond requirements and was disqualified. A faxed copy of the bond was received and per the RFP, only originals are acceptable.

❖ Currently reviewing other 5 bids with the evaluation being completed.

❖ The Council Report is currently being written and will be presented to Public Works Committee and Council in November.

❖ Craig Murdoch confirmed that the GLCC petition was included with the Submission for Waste Management.

ACTION

F. Gondim
<table>
<thead>
<tr>
<th>ITEM</th>
<th>ACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>12. Waste Reduction Task Force Update</td>
<td>H. Bain</td>
</tr>
<tr>
<td>Heather Bain to email the last meeting minutes to the GLCC.</td>
<td></td>
</tr>
<tr>
<td>13. New Business</td>
<td>F. Falcone</td>
</tr>
<tr>
<td>☰ Frank Falcone to obtain the flood plain map and request a survey for the property owner experiencing re-occurring floods adjacent to the landfill.</td>
<td></td>
</tr>
<tr>
<td>☰ Joanne Placko informed the GLCC of a new District Manager for the Ministry of Environment – Geoffrey Knapper.</td>
<td></td>
</tr>
</tbody>
</table>

NEXT MEETING – November 24, 2008