

City of Hamilton
Public Works Department
WASTE MANAGEMENT DIVISION

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Glanbrook Landfill Coordinating Committee

Monday, February 28, 2011
Glanbrook Landfill Meeting Room
4:30 p.m. to 6:00 p.m.

Attendees:	Allan Freeman
Members	Andy Fevez
	Brooke Ryan
	Brian Smith
	Councillor Brenda Johnston
City of Hamilton, Waste Management	Emil Prpic, Manager of Recycling and Waste Disposal
	Rob Conley, Supervisor of Landfills
	Frank Falcone, Project Manager Landfills
	Tim Robinson, Landfill Technologist
Waste Management of Canada Corporation	Ron Wright
Ministry of Environment	Joanne Placko (Resource)
Niagara Peninsula Conservation Authority	Joshua Diamond (Resource)

Minutes from Previous Meeting

- ↳ The minutes of the November 29, 2010 meeting were approved by the GLCC and submitted to Council.

ITEM

ACTION

1. Appointment of Committee Chair

- ↳ Andy Fevez nominated Allan Freeman as Chair. Allan Freeman accepted. There were no other nominations for Chair so Allan Freeman was appointed Chair of the GLCC committee.

2. Operations Update

- ↳ **Leachate** - Frank Falcone explained to the committee that leachate levels have not fluctuated since the levels were last reported to the committee. Frank Falcone explained that leachate levels may increase until final cover is put in place as the water infiltrates the waste. Frank Falcone also stated when more final cover is put in place less water will infiltrate into the waste and leachate levels should come down. Frank also stated that the landfill is located on very dense clay therefore leachate migration should not be a problem. Stage 3 will have a fully engineered

liner and drainage system to manage leachate.

- ↪ **Seeps** - Allan Freeman inquired about leachate seeps. Frank Falcone informed the committee that monthly inspections of the landfill cap are conducted to verify if there are seeps present. If there was a seep, the City would repair according to the Certificate of Approval. Rob Conley also let the committee know that one of the reasons for having a staff person on site at the landfill was so they could perform daily inspections and a monthly cap inspection to ensure there are no seeps.
- ↪ **Toromont Energy** – Rob Conley provided the group with a summary of the 2010 energy production from the landfill gas to energy facility at the landfill. 25,223 megawatts were supplied to the grid. The efficiency of the plant was just under 97% in 2010. Allan Freeman asked how much money that is worth to the City and Emil Prpic responded that it is in the neighbourhood of \$2 million. The payback was approximately 5 years and it was a 10 million dollar project so it is roughly about 2 million dollars per year. Brenda Johnston asked if some of the revenue was being allocated to the closed landfill fund and Emil Prpic stated that some of the revenue will go towards a landfill fund.
- ↪ **2010 Tonnage** – Rob Conley presented the tonnage summary for 2010. It is broken down by material types. Leaf and yard waste was 13,253 metric tonnes, municipal solid waste was 136,666 metric tonnes. This is an increase of approximately 7000 tonnes of municipal solid waste over 2009. Allan Freeman asked how things were going with the haulage firm, BFI. Rob Conley answered that everything is going smoothly from an operational point of view and Ron Wright concurred.

3. Hall Road Pump Station

- ↪ Rob Conley informed the committee that the Hall Road pump station relocation will not happen in 2011 and it has been deferred to 2012 for budgetary reasons. Pond 5 is still scheduled for relocation in 2011.

4 New Business

- ↪ Allan Freeman asked about another open house at the landfill this year. Emil Prpic responded that the City will alternate the open houses between the landfill site, the Central Composting Facility (CCF) and Material Recycling Facility (MRF). The 2011 open house will be at the CCF and MRF.
- ↪ Allan Freeman asked how the planning work is coming on the next phase of the landfill. Emil Prpic and Rob Conley responded that there is a few more years left in stage one and stage two. The City has hired Dillon Consulting to begin the design of stage 3.
- ↪ Brenda Johnson asked what C of A stage 3 will be built under? Rob Conley responded that all Glanbrook C of A's were consolidated in 2008, therefore stage 3 has been approved under the current C of A.
- ↪ Discussion took place regarding a tree and plaque for Sheila May. Rob informed the committee that they are working to have this done in the spring of 2011 and that all members of the committee will be invited to the ceremony.
- ↪ Discussion took place regarding moving the meeting from quarterly to every six months. The committee has decided to keep the meetings quarterly.

NEXT MEETING: Monday, May 30, 2011, Glanbrook Landfill
