

**WARWICK PUBLIC LIAISON COMMITTEE
WASTE MANAGEMENT OF CANADA CORPORATION
MINUTES**

(not approved by WPLC at time of distribution)

Date: Thursday, October 2, 2008
Time: 7 pm
Location: Lambton Mutual Insurance Meeting Room

Present: Mac Parker – Vice-Chair
Reid Cleland, Cheryl Moons – Waste Management of Canada Corporation (WMC)
Percy Heath -- Township of Warwick
Dwayne Reid, Dan Gaudenzi – Ministry of Environment (MOE)
Peter Braet, Carolyn Cornelissen, Mary Ellen King, Doris McCormick, Alex McDonald, Mary Lynn Metras, Elsie Timmers -- community members
Mary Janes – Secretary

Absent: Lawrence Zavitz *(with regrets)*, Norman McCullough *(with regrets)*, Wayne Jenken, Jerry Westgate

Also in attendance: Brent Langille and Marc Leduc (Jagger Hims), Ron Jarriott, Gerry Van Diepen

1. CALL TO ORDER

At 7:10 pm Vice-Chair Mac Parker welcomed everyone. He welcomed the new Environmental Officer Dwayne Reid, then asked everyone to introduce him/herself.

2. APPROVAL OF/ADDITION TO AGENDA

MOTION: that the agenda be accepted (Cornelissen/Cleland)

Carried.

3. ACCEPTANCE OF JUNE 19 MINUTES

There were two corrections. Under 4c) page 2 "... the MTO will acquire"

On page 3, item 5a) second last paragraph, the seepage was outlined in Section 6.3.8 (page 41) of the **2007 Annual Monitoring Report Addendum**, rather than in a letter. The secretary passed out an email from B. Langille concerning this.

MOTION: that the minutes be approved as amended (McDonald/McCormick)

Carried.

4. BUSINESS ARISING FROM JUNE 19 MEETING

a) Environmental Inspector (EI) Update

D. Gaudenzi said the MOE appreciated everyone's comments concerning the position of Environmental Inspector. A signed copy of the Letter of Agreement and the Terms of Reference had been distributed with the agenda. The agreement is to be reviewed every five years, or earlier if there is mutual agreement.

Dwayne Reid started his position on August 5. His office at the site has been set up. Currently he is at the site half days, every morning. His August report will be distributed as soon as it is signed by the MOE and given to WMC. He noted the report will contain some minor compliance issues and the corrective action taken by WMC.

It was suggested that the Environmental Inspector's Report be a standing item on future agendas.

b) Official Plan/Zoning Amendments

There was a successful resolution of the issues during mediation in July. Both parties have signed an agreement of confidentiality. WMC mobilized construction quickly after, to take advantage of the rest of the summer.

c) Jagger Hims' Responses to Ruland Comments

These responses were distributed at the meeting. B. Langille explained that the biomonitoring testing is done according to standard MOE protocol.

He then explained the decommissioning of wells. Damaged or no longer needed wells were decommissioned. These were mostly on the western perimeter and they were removed quickly, at the start of construction.

The wells that W. Ruland questioned, OW20 and OW45, had already been decommissioned before the August 23 email from Ruland. There are other wells at the east side in close proximity to these wells that are in use.

The contaminated soil stockpile pond was decommissioned during the construction of the northern part of cell 10 in May, 2008.

d) Monthly Tracking Reports (May-September)

There was no discussion.

e) Newspaper Reports

M. Janes explained that *The Guide* published the highlights in 1 issue. *The Standard* published them in 2 issues instead of 4.

f) Development & Operations Plan Updates

The MOE asked that WMC resubmit the **D & O Plans**, with the changes highlighted. The MOE review is continuing. R. Cleland stated the only changes made were as a result of the public review process.

The tire shred was approved in the new Certificate of Approval; the D & O will address those plans. The moving of the waste processing area and the monofill proposal have been submitted for MOE review.

The remaining airspace of the existing site is included in the airspace of the expanded site. There will be no separate contaminated soil stockpile in the expansion because there is excess clay on site now.

g) Cell 12 Monofill Progress (see 4f)

h) Quarterly Monitoring Report (Jagger Hims)

Brent Langille distributed this report and explained it briefly. He showed how the surface water flow is now changed on a drawing of the site.

Surface water monitoring (p. 7-13): He noted that at SS1 there was elevated reading of boron in April.

This has been attributed to the tree clearing done at the site. On June 14 phenols were detected but the boron reading was down. Verification sampling on June 28 for phenols did not confirm the June 14 concentration. The third quarter monitoring shows that trigger levels at SS1, SS16 and SS 10 are acceptable.

Ground water monitoring (p. 13-20): OW67-4, which has historically elevated chloride concentrations, was dry in May. However, chemical concentrations at OW70-5, situated a few metres to the east towards the property boundary, continued to show acceptable groundwater quality. The chloride in OW16 and OW17 is not landfill related. OW56 has fluctuating nitrate concentrations, probably due to surface water ponding in the adjacent farm field and mixing with the shallow groundwater.

Individually these readings are not a major concern: boron, chloride and nitrate readings need to be looked at together. OW40 will be reinstalled.

B. Langille went on to explain that with expansion the interface aquifer (top fractured component of bedrock and overlying basal sand) will also be assessed to verify acceptable groundwater resources (drinking water) at the site, not just the southern till and the interstadial layer. The Rannoch Till does not require monitoring according to the MOE approved monitoring program. This is a result of the unit not representing an immediate environmental concern dominantly due to the very low bulk hydraulic conductivity of the Rannoch Till.

The Best Management Practices program is detailed in the Quarterly Report (p. 37-39). This includes dust, litter, noise, air quality and odour.

Other points that were covered in the report included monitoring of the poplar tree leachate treatment system. In the expanded site the new poplar plantation will be watered with treated leachate to drinking water quality. One variety of poplars died of a stem canker blight. These trees have been cut down and will be replaced in the spring. Some of the trees are now 25 feet high.

i) Vacant Position on WPLC

There were 2 applications. It was decided to leave this decision until the January meeting, when the new rotation will also be discussed.

j) Mailing List

The Secretary reported that two MOE names were removed from the list, as well as J. Kutylba of the County. MPP Van Bommel had requested to continue receiving information.

5. NEW BUSINESS/CORRESPONDENCE

a) Letters re Failed Soil Samples

There were three failed contaminated soil samples since the last meeting – June 27, July 28 and September 24/30. The loads were moved into the municipal waste cell, since the soil was not suitable for daily cover.

P. Heath suggested the issue of a database of laboratories whose results have failed during confirmatory testing be taken to the Ontario Ombudsman, since the MOE (Waste Management Policy Branch) believes the existing requirements and procedures for waste management and the current approach of voluntary accreditation of laboratories are sufficient.

b) Well Decommissioning

B. Langille continued from 4h), explaining that WMC already has been approved by the MOE to decommission unnecessary wells and those that are in the way of construction. Some will need to be replaced. WMC does not require the approval of the Township's hydrogeologist. But he will be given reasonable notice about decommissioning, and the company will require a rationale from him as to why to keep certain wells.

Brent also explained that leachate mounding should not be a problem any longer because:

- WMC has a permanent road to use if leachate needs to be removed on the east side at anytime during the year;
- future operations include a large leachate plant;
- the North Cell has been completely removed into Cell 11;
- a leachate contingency collector is now installed at Cell 5.

c) Alteration of Air Quality Monitoring Plan

This request for a change of equipment was made until there is a permanent source of power on the expanded site.

The contractor has two water wagons to keep the dust down, and WMC has one. There is also an emergency water service, in case more water is needed.

d) Landscaping Plan

Copies were distributed to members. These plans were drawn up with input from the Township’s Peer Review Team, also taking into consideration public comments. There is a financial assurance of over \$1 000 000 guaranteeing that WMC will carry out the plan.

Berm A north of the cemetery is complete, except for the trees to be planted shortly.

Hopefully Berm B will also be done this fall.

Last year planting was done along Brown Creek.

One hundred and twenty seven thousand poplars will be planted in the field north of Confederation Line.

The ponds will have both emergent and submergent plantings.

The berm along Nauvoo Road is contoured so that the view is not monotonous.

There will be new plantings along the east buffer.

The St. Clair Conservation Authority is in charge of planting.

6. OPEN SESSION

A question was asked about the irrigation system in the poplar plantation causing runoff. R. Cleland noted that a drip irrigation system is being put into place, and that monitors will check the surface water quality. There should be no runoff.

7. REPORTS

a) Township of Warwick

P. Heath had nothing to report.

b) Waste Management of Canada Site Operations

Phase 1 of construction started August 5. It will be continuing until the end of the year, with all screening berms, four stormwater ponds, ditching, storm sewers, roadway corridors, poplar irrigation system, some utilities and landscaping being done.

Phase 2 should start in late winter with all onsite buildings, related utilities and Cell 1 liner being built.

In response to a question about the 402 overpass, the east ramp work is to be completed next year.

This is part of the WMC-Lambton County agreement. The ramp to the west depends on the MTO.

In response to another question, R. Cleland replied that WMC has acquired additional land in the vicinity of the landfill site.

8. NEXT MEETING

Date: Thursday, January 15, 2009

Agenda: Quarterly Monitoring Report

Selection of new member

Rotation of members

Election of Chair

Environmental Officer Report

Paper copies versus email copies

9. ADJOURNMENT – 9:05 pm

Distributed at meeting:

Jagger Hims **Quarterly Monitoring Report** (Apr. 1-June 30, 2008) (if you need a copy, please contact WMC)

Twin Creeks Landscaping Drawings (if you need a copy, please contact WMC)

September Tonnage Report

1 p.

Email from B. Langille to M. Janes re June 19 minutes (08/06/25)

2 p.

Letter from S. Shaw to R. Cleland re landscaping plans (08/07/17)	2 p.
Letter from C. Moons to D. Reid re Ron Lee failed soil sample (08/09/24)	23 p.
Letter from B. Langille to R. Cleland re Precipitation Event (08/09/26)	5 p.
Letter from C. Moons to D. Reid re Ron Lee failed soil sample (08/09/30)	13 p.
Letter from B. Langille to R. Cleland re response to CEC Consulting (08/10/01)	4 p.