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community monitoring committee

MINUTES OF MEETING  
CMC BOARDROOM, LAKESIDE,

NS JANUARY 22, 2003 DRAFT Mar 24

1) Opening

The Chairman, seeing a quorum present, opened the meeting at 7:02PM.

He introduced:

- Halifax Regional Municipality - Brim Smith, Manager, Solid Waste Resource -
- Robert Orr, Project Engineer and MIRROR - Kurt Jacobs, General Manager
  - Paul Barkhouse, Operations Manager
  - Gerry Isenor, PEng., Dillon Consulting Limited

2) Attendance:

Present: T. Henley, J. Mitchell, J. Hayman, T. Adams, D. McCaughan, A. Murray, K. Oickle, Clr. R. Rankin, K. Tufts, Clr. G. Meade, Clr. R. Walker, and Executive Director, D. Mason. Regrets: S. Cober-Stasiulis, G. Merlin-Walsh, Mayor P. Kelly and L. Wilcox.

3) Agenda

Members agreed to hear the guests and suspend the balance of the agenda to the next meeting.

4) Solid Waste Overview

The Chairman commented on the value of these reviews between Community monitoring Committee and Halifax Regional Municipality with its Otter Lake operator, MIRROR.

Brian Smith provided information through a power point presentation with commentary covering the past four years and projecting ahead as summarized below:

- o the volume of waste increased during the past four years ● the volume growth rate is increasing faster than the population growth rate e different areas of HRM produce different volumes of waste ● the costs are increasing for both collection and disposal ● a review of the goals of the Strategy are to be reviewed by a consultant ● a system review will include private collection capacities ● the "Halifax System" landfill standards are to be maintained.

Kurt Jacobs described the activities at Otter Lake Facility including:

- reference to a visit to CMC a year ago o the facility has met the goals for solid waste disposal
- o the facility is a SAFE facility having operated without a major accident e the management plan has successfully responded to events including a leachate spike in the first year of operation and an odour spike this year o Mirror operates the Otter Lake for HRM, the owner, for a 25 year period - operational costs are defined in a four year annual fixed price contract - now in its second year

- o odour on-site was first identified by an employee on December 22, 2002 and e was described as turning on -"LIKE A SWITCH" ● came from a landfill leachate pipe at the top of the site (south) ● all authorities were informed - CMC, HRM and NSDEL

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- o off-site by the public in Lake of the woods and Lakeside on December 24, 2002 ● by telephone calls to the company, Community Monitoring Committee and to the local MLA
- o due diligence was undertaken by MIRROR by ● applying temporary carbon filters and vacuum pumps to vacate the gas ● installed a flare stack ( from Alberta) by December 27 to burn off the gas ● installed a sub-surface pipe system of 1200 feet for the collection of gas near the surface of cells one and two and connect to the flare
- o ice control of water in the collection pipes was requires because the temperature fell to -35% during the cold nights the occurrence was forecast in the management plan and secluded for remediation in 2003/4

Gerry Isenor, PEng. commented on the science and engineering advice he has offered to MIRROR:

General ● his company, is the designer and science advisor to MIRROR for Residual Disposal Facility, monitors and reports site conditions on a continuing basis ● the prospect of a slow buildup of gas is normal for a facility of this type off gasses for a short period of time and falls off. ●gas is generated from carbon in materials such wood which is acceptable to the Residual Disposal Facility because it is inert and stable ● had been forecast to occur in the 5/7 year period of operation for cell one and be followed on a comparable schedule for each developed cell and ● was included in the Residual Disposal Facility Management Plan approved by HRM and

NSDEL ● the design of a gas collection system was scheduled or the summer of 2003 with the installation scheduled for the summer of 2004

This Event ● this event was unusual and unpredicted ● a slow gradual buildup of gas was expected - NOT THIS SPIKE of gas

' the situation is under control ● a temporary gas collection and burning system is in place

Gerry Isenor responded Members requested clarification on several matters ●off-gas can be utilized for fuel however the amount of gas expected is small and economical marginally for use. A detailed analysis would determine the viability of use of gas as a fuel. Brian Smith stated that HRM has engaged a consultant to evaluate the use of the gas.

Clr Russell Walker commented on the uniqueness of the Residual Disposal Facility in that the gas process is accelerated by the bury of waste that has been separated from plastic bags while the experience of most landfill operations is tied to the burial of waste inside plastic bags and deterioration must await the decomposition of the bags first.

Chairman Terry Henley indicated that the next newsletter would describe the odour issue to the public, the due diligence to mitigate the situation and the permanent solution procedure. All agreed that this matter is appropriate to deliver to the public through the Community Monitoring Committee Newsletter published in

the three daily papers.

The Chairman thanked the invited guests for their participation and frankness with the Members and they retired.

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5) Recent Article in the Chronicle Herald

The Chairman referred to a recent article that was unflattering to the Community Monitoring Committee , its volunteer Chairman and members.

Members had read the article, expressed their displeasure and directed the Chairman to write the Publisher to express the committee's view. .

MOTION that the Chairman, write on behalf of all members of the Community Monitoring Committee, . the Publisher of the Chronicle Herald to express displeasure with the recent article unfairly criticizing the Community Monitoring Committee, its volunteer Chairman and Members. Moved: Joanne Hayman, Seconded: Kenny Tufts, UNANIMOUS

The Chairman adjourned the meeting at 9: 18 PM.