

BLLENHEIM LANDFILL LIAISON COMMITTEE  
TUESDAY, DECEMBER 8, 2020  
SCHEDULED FOURTH QUARTER MEETING

The Blenheim Landfill Liaison Committee held its scheduled Fourth Quarter meeting on the above date commencing at 9:06 a.m. onsite at the John League Building Meeting Room at Talbot Trail Place Park.

**Committee Members Present were:** Brian Case, Public Member & Chair; Mary Clare Latimer, Municipality of Chatham-Kent; Anthony Ceccacci, Municipality of Chatham-Kent; Dave Wammes, Public Member

**Also present were:** Rick Kucera, Secretary; John Ferguson, Ferguson Geoscience

**Guests:** Phil Janisse, RWDI Air Inc.

**Regrets:** Brad Norton, Waste Management of Canada Corporation Inc. and David Racz, Ministry of the Environment, Conservation, and Parks (MECP)

1. **MINUTES:**

**MARY CLARE LATIMER - ANTHONY CECCACCI :**

**"THAT the minutes of September 15, 2020 be adopted without revision"**

**Motion Carried Unanimously**

2. **BUSINESS ARISING FROM THE MINUTES:**

No Business Arising from the Minutes

3. **NEW BUSINESS:**

- (a) **RWDI Air Inc. Consulting Engineers and Scientists – Groundwater and Surface Water Quality Monitoring Events**

- 2020 Fall Semi-Annual Monitoring Event

A Letter of Notification for the scheduled Fall monitoring event during 2020 has been received. A summary of the findings were not available before the Agenda package was finalized and distributed by e-mail. **John Ferguson** and **Phil Janisse** provided an overview of the report findings to the Committee.

In summary, leachate and groundwater elevations, landfill gas monitoring, groundwater quality, and surface water quality monitoring are completed during regularly scheduled events to investigate whether the closed landfill affects the surrounding natural environment. As surface water courses were dry during the initial October 6-7 monitoring event, a re-inspection on October 14 identified flowing conditions at surface water stations SW-1 and SW-2 but monitoring station SW-3 at the off-site discharge location was dry.

Leachate elevations within the waste mounds fluctuate and continue to increase but still satisfy the requirements for ongoing leachate re-circulation. Groundwater elevations relative to leachate monitoring wells continue to document hydraulic containment with shallow groundwater flowing toward the waste, except east of the waste mound where outward radial flow is contained with a clayey cut-off wall. Minor leachate seeps have been identified during regular Site inspections and landfill cap repairs are ongoing as required. Options to reduce the leachate elevations within the waste mound and therefore reduce the potential for seeps, are under consideration.

No methane gas hazards were identified during September 2020.

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(a) RWDI Air Inc. Consulting Engineers and Scientists – Groundwater and Surface Water Quality Monitoring Events - Continued

Leachate quality is similar to historical findings with minor variations attributed to variable waste composition and leachate re-circulation. Shallow groundwater concentration trends at compliance locations satisfy Guideline B-7 criteria during the October 2020 monitoring event. Surface water quality from onsite ponds and drains was evaluated and laboratory results document concentrations which are generally within historical ranges and satisfy the relevant PWQOs, except for un-ionized ammonia which was attributed to surrounding agricultural land use. No organic chemicals were detected in surface water during the Fall 2020 monitoring event. Monitoring station SW3 was dry during the Fall monitoring event and no offsite discharge occurred.

**MARY CLARE LATIMER - ANTHONY CECCACCI :**

**"THAT the report be received"**

**Motion Carried Unanimously**

4. **UNFINISHED BUSINESS:**

No unfinished business.

5. **PUBLIC COMPLAINTS:**

No public complaints were received.

6. **PUBLIC PRESENTATIONS:**

No public presentations were received.

7. **OTHER BUSINESS:**

In consideration of ongoing COVID-19 concerns, general Committee discussions identify that the Members are in favour of a virtual meeting for the March 2021 meeting. **Rick Kucera** related that Chatham-Kent Information Technology resources may be able to assist with technical logistics.

8. **NEXT MEETING:**

The proposed date of the next meeting is scheduled for **Tuesday, March 9, 2021, at 9:00 a.m.** at a location to be determined but likely as a virtual meeting.

9. **ADJOURNMENT:**

Meeting adjourned at 9:36 a.m.

**DAVE WAMMES**

**"THAT the meeting be adjourned."**

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**Motion Carried Unanimously**

Chair

Secretary

These minutes were recorded by the undersigned,  
to whom any errors or omissions should be reported  
as soon as possible.  
John Ferguson