

BLenheim LANDFILL LIAISON COMMITTEE
TUESDAY, MARCH 27, 2018
REGULAR MEETING

The Blenheim Landfill Liaison Committee held its regular meeting on the above date commencing at 9:07 a.m. at the Gable Rees Rotary Pool Downstairs Lecture Room, 66 Regent Street, Blenheim, Ontario

Committee Members Present were: Frank Vercooteren, Municipality of Chatham-Kent; David VanDamme, Municipality of Chatham-Kent; Brad Norton, Waste Management of Canada Corporation Inc.

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

Regrets: Jim Hawryluk, Public Member; Brian Case, Public Member; Archie Parastadtidis, Ministry of the Environment and Climate Change

1. **MINUTES:**

DAVID VANDAMME - BRAD NORTON :

"THAT the minutes of December 5, 2017 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**

2017 Fall Semi-Annual Monitoring Event – December 2017
Off-site Residential Water Supply Well Monitoring Summary – December 2018
January 2018 Surface Water Monitoring Event Summary – February 2018
January 2018 Leachate System Response Summary – February 2018

Letters of Notification for scheduled monitoring events and a summary of response activities for a January leachate release were received. A summary of the findings was distributed to the Members in the Agenda package. **John Ferguson** provided a brief overview of the findings to the Committee.

Surface water and groundwater quality monitoring are completed during regularly scheduled events to investigate whether the closed landfill affects the surrounding natural environment. In general, reported concentrations in shallow groundwater during October 2017 event were similar to historical findings and satisfied Guideline B-7 criteria. No landfill gas was detected in the vicinity of the former Recycling Building, the WM Service Building, or the area southeast of Cell 3 during September or December. Surface water quality testing was completed during the Fall of 2017 from monitoring stations SW1 and SW2. SW3 was dry. Results satisfied PWQO limits except for a slight total phosphorous exceedance that was attributed to surrounding agricultural land use.

Residential well monitoring is completed on an annual basis at select bedrock aquifer water supply wells in proximity to the Blenheim Landfill as a component of the Annual Monitoring Program. Results of the November 2017 monitoring event are consistent with historical results except lead at the Wittenburg well which is not attributed to a landfill leachate impact based on historical results from the onsite (Gore) well. No additional monitoring was recommended before the scheduled November 2018 event.

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Surface water quality testing was completed during January 2018 from the three monitoring stations. No organic chemicals were detected during the monitoring event and general chemical results satisfied PWQO limits except for phosphorous that was attributed to surrounding agricultural land use.

Field observations during a monthly inspection of the closed Blenheim Landfill identified a surcharge within the perimeter leachate collector system owing to a pump float failure after an electrical surge which resulted in a leachate discharge. Tankers pumped the system during equipment repairs and supplemental sampling was completed to evaluate the impact. Monitoring results confirmed no adverse impact to surface water quality downstream of the landfill. Notifications by text and e-mail are expected to prevent similar leachate surcharge releases in the future.

DAVID VANDAMME - BRAD NORTON :

"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:**

Brad Norton reported that tree cutting across a portion of the landfill cap has commenced and new poplar trees will be planted by the Conservation Authority for ongoing leachate treatment by evapotranspiration.

8. **NEXT MEETING:**

The proposed date of the next meeting is scheduled for **Tuesday, June 12, 2018, at 9:00 a.m.** The meeting location will be the **downstairs Lecture Room at the Gable Rees Rotary Pool.**

9. **ADJOURNMENT:**

Meeting adjourned at 9:28 a.m.

DAVID VANDAMME

"THAT the meeting be adjourned."

Motion Carried Unanimously

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Chair

Secretary

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