

RIDGE LANDFILL LIAISON COMMITTEE  
TUESDAY, JUNE 12, 2018  
REGULAR MEETING

The Ridge Landfill Liaison Committee held its regular meeting on the above date commencing at 10:12 a.m. at the Gable Rees Rotary Pool Downstairs Lecture Room, 66 Regent Street, Blenheim, Ontario

**Committee Members Present were:** Jim Hawryluk, Public Member; John Vermey, Ridge Landfill Community Trust Fund; Tim Church, Waste Connections of Canada Ridge Landfill Representative; Cathy Smith, Waste Connections of Canada, Project Manager, Ridge Landfill Expansion

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

**Regrets:** Frank Vercouteren, Municipality of Chatham-Kent; Trevor Thompson, Municipality of Chatham-Kent; Archie Parastatidis, Ministry of the Environment and Climate Change

1. **MINUTES:**

**JOHN VERMEY - CATHY SMITH :**

**"THAT the minutes of March 27, 2018 be adopted without revision."**

**Motion Carried Unanimously**

2. **COMMITTEE MEMBERSHIP:**

**Mr. Tim Church** has joined the Committee for the June meeting and ongoing as the new Ridge Landfill Representative.

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

(a) **Odour Complaint Follow-up**

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**Tim Church** reported that periodic odour complaints have been received but timely reporting is required to effectively investigate the odour source and to implement corrective measures, if required, that address the concern. Odour complaints reported directly to **Archie Parastatidis** at the MOECC Windsor Area office are forwarded but the elapsed time may prevent the odour source from being identified during short duration events. Tim also related that the flare is working and several tasks are presently being completed to optimize the well field where escaping landfill gas is contained and directed to the flare to better manage odours. As the landfill gas well field is expanding, odours are present before the new well is sealed. Misting equipment continues to operate. In general, Tim relates that odours related to exposed waste are not common and typically depend on wind direction. Odours related to the landfill gas system are affected by barometric pressure and are worst on cloudy days.

(b) **Update on Ridge Landfill Expansion**

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**Cathy Smith** reported that the amended Terms of Reference (TOR) from the initial submission which modified the service area to only Chatham-Kent and limited commercial waste streams to the existing primary services areas where transfer stations already exist was approved by MOECC on May 1. A Workshop by invitation to those affected by the proposed landfill expansion is scheduled for July 11, 2018 for feedback regarding ongoing studies, preferred alternative method, and waste diversion options. An Open House to share relevant landfill expansion information, including the Workshop outcomes, is scheduled for July 25 at St. Mary's Hall in Blenheim.

RIDGE LANDFILL LIAISON COMMITTEE  
TUESDAY, JUNE 12, 2018  
REGULAR MEETING

3. **BUSINESS ARISING FROM THE MINUTES - Continued:**

**JOHN VERMEY - CATHY SMITH :**

**"THAT the reports be received"**

**Motion Carried Unanimously**

4. **NEW BUSINESS:**

(a) **Dillon Consulting – Groundwater and Surface Water Quality Monitoring Data**

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Site Development, Operations, and Monitoring - 2017 Annual Report

The *2017 Site Development, Operations and Monitoring Report* has been received and is maintained on file. A summary of the report findings was included in the Agenda package and **John Ferguson** provided a brief overview for the Committee.

In summary, monitoring tasks are completed to satisfy Environmental Compliance Approval (ECA) Conditions which assess whether landfill operations affect surrounding surface water and groundwater resources as input toward the need to develop and implement monitoring program modifications or contingency measures.

During 2017, the total waste received was 1,277,596 tonnes which satisfies the amended ECA limit of 1,300,000 tonnes and is comparable to the 2016 and 2015 received volume. A remaining Site life of 4.3 years is predicted with closure in 2021.

The Landfill Gas system will be expanded further in 2018 and recovered gas continues to be directed to the flare. No combustible gas was detected in proximity to onsite buildings which indicates that no health or safety hazard exists to Site personnel.

Leachate is produced by precipitation and groundwater infiltrating through the waste. Leachate is contained by the Perimeter Leachate Collection System which operates by gravity and 63,170,285 L were pumped to the Blenheim Pollution Control Plant for treatment in 2017.

Groundwater quality during 2017 was consistent with previous findings and concentrations fluctuate within historical ranges. Select locations have parameter concentrations which are attributed to road salting rather than a landfill leachate effect. Surface water quality monitoring from the onsite ponds and from within drains in proximity to the landfill identify chemical concentrations that fluctuate seasonally within historical ranges. Reported concentrations during 2017 are interpreted to represent soil erosion and surrounding agricultural land use rather than a landfill leachate effect.

Residential well monitoring is completed annually in November and as expected, 2017 monitoring results from the offsite drinking water wells in the confined bedrock aquifer do not indicate a landfill effect owing to the thick, low permeability overlying native clayey soil.

RIDGE LANDFILL LIAISON COMMITTEE  
TUESDAY, JUNE 12, 2018  
REGULAR MEETING

4. **NEW BUSINESS - Continued:**

Monitoring will be completed during regularly scheduled events during 2018 and summaries will be provided for Committee information.

**CATHY SMITH - JOHN VERMEY :**

**"THAT the report be received"**

**Motion Carried Unanimously**

5. **UNFINISHED BUSINESS**

No unfinished business was identified.

6. **PUBLIC COMPLAINTS:**

No Public complaints were received.

7. **PUBLIC PRESENTATIONS:**

No Public presentations were received.

8. **OTHER BUSINESS:**

No Other Business was identified.

9. **NEXT MEETING:**

The proposed date of the next meeting is scheduled for **Tuesday, September 18, 2018, at 10:00 a.m.** The meeting location will be the **downstairs Lecture Room at the Gable Rees Rotary Pool.**

10. **ADJOURNMENT:**

Meeting adjourned at 11:10 am.

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JOHN VERMEY :**

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

**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