

RIDGE LANDFILL LIAISON COMMITTEE
TUESDAY, MARCH 9, 2021
SCHEDULED FIRST QUARTER MEETING

The Ridge Landfill Liaison Committee held its regular meeting on the above date commencing at 10:15 a.m. as a virtual Skype Meeting.

Committee Members Present were: Trevor Thompson, Chair, Municipality of Chatham-Kent; Anthony Ceccacci, Municipality of Chatham-Kent; Dave Wammes, Public Member; John Vermeij, Ridge Landfill Community Trust Fund; Marc Leduc, Waste Connections of Canada Ridge Landfill Representative by telephone; Cathy Smith, Waste Connections of Canada, Project Manager, Ridge Landfill Expansion; David Racz, Ministry of the Environment, Conservation, and Parks (MECP) by telephone

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

Regrets:

1. **MINUTES:**

JOHN VERMEIJ - DAVE WAMMES :

“THAT the minutes of December 9, 2020 be adopted after revisions to numbering”

Motion Carried Unanimously

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

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

Marc Leduc reports that the landfill has received 2 odour complaints reported to MECP over the weekend as the third landfill gas flare was commissioned. No odour complaints have been received since the third flare became operational.

Marc also reported that he expects ongoing landfilling operations to shift to the newly constructed cell shortly.

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

Cathy Smith reported that after Environmental Assessment (EA) Approval for the proposed landfill expansion was received on October 2020 and Environmental Compliance Approvals (ECAs) were approved in December 2020, post-approval requirements are ongoing. To date, the Compliance Monitoring Program, Complaint Protocol, Indigenous Consultation Plan, Odour Management Plan, Air Quality Monitoring Plan, and the updated Operations Manual have been completed and provided to MECP for review and approval.

(c) **Terms of Reference Update**

Cathy Smith reported that the amended Committee Terms of Reference was approved by MECP with a Notice of Approval dated May 1, 2018.

JOHN VERMEIJ - ANTHONY CECCACCI :

"THAT the reports be received"

Motion Carried Unanimously

RIDGE LANDFILL LIAISON COMMITTEE
TUESDAY, MARCH 9, 2021
SCHEDULED FIRST QUARTER MEETING

3. **NEW BUSINESS:**

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

September & November 2020 Data Summary – Semi-Annual Monitoring Event

Instead of forwarding laboratory reports of parameter concentrations for monitoring events completed during September and November 2020, the Consultant provided a narrative summary that reviews parameter concentration values relative to historically detected ranges and long-term concentration trends as input toward whether normal landfill operations affect or influence the surrounding natural environment. **John Ferguson** provided a brief overview of the findings for each event.

Environmental Compliance Approval (ECA) conditions require surface water, groundwater, and leachate quality testing to be completed at regular intervals. Surface water quality is monitored on a quarterly basis at five onsite surface water management ponds and four locations within the surrounding Municipal drains, upstream and downstream of the landfill. Groundwater quality is tested semi-annually from monitoring wells screened in the shallow weathered till and the confined basal aquifer. Leachate quality testing is completed from the leachate storage tank. Select private water supply wells are sampled annually from residences upgradient, cross-gradient, and downgradient of the landfill.

Laboratory results during September 2020 surface water quality monitoring document fluctuating concentrations at the monitoring stations but reported parameter concentrations are generally within historical ranges except at upstream locations which were greater than previously recorded. Select parameters, including total phosphorous and iron, exceeded the relevant *Provincial Water Quality Objectives* (PWQOs) upstream, downstream, and at the onsite ponds but results are attributed to erosion effects from the native clayey soil and surrounding agricultural land use. Similarly, in November 2020, surface water quality was comparable with fluctuating concentrations between monitoring stations and select parameters exceeding PWQO limits but a landfill leachate effect was not identified.

September 2020 groundwater and leachate quality monitoring and private well sampling was completed for general chemicals, anions and nutrients but no volatile organic chemical testing was completed. Laboratory results document reported concentrations that were detected within historical ranges with minor exceptions. Select concentrations from private wells that exceed the historical ranges may reflect the limited data for newly added monitoring locations. Continued testing was recommended.

In summary, timely reporting of chemical results with data summaries allows Waste Connections of Canada to assess the potential for normal operations to affect the surrounding environment as input toward evaluating and designing monitoring program modifications or corrective actions to address impacts. Laboratory results document that surface water, groundwater and raw water quality from private wells in proximity to the Ridge landfill do not identify a landfill leachate impact for the locations and parameters tested.

DAVE WAMMES - ANTHONY CECCACCI :

"THAT the report be received"

Motion Carried Unanimously

RIDGE LANDFILL LIAISON COMMITTEE
TUESDAY, MARCH 9, 2021
SCHEDULED FIRST QUARTER MEETING

4. **UNFINISHED BUSINESS**

No unfinished business was identified.

5. **PUBLIC COMPLAINTS:**

Public complaints were discussed as a component of Agenda Item 2a – Odour & Noise Complaints.

6. **PUBLIC PRESENTATIONS:**

No Public presentations were received.

7. **OTHER BUSINESS:**

General Committee discussions identify that members are optimistic the second quarter LLC meeting in June 2021 may convene in-person at the Ridge Landfill On-site Office.

8. **NEXT MEETING:**

The proposed date of the next meeting is scheduled for **Tuesday, June 8, 2021, at 10:15 a.m.** at a location to be determined but likely on-site at the Ridge landfill.

9. **ADJOURNMENT:**

Meeting adjourned at 10:28 am.

MARC LEDUC - ANTHONY CECCACCI :

"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