



July 26, 2021

Dear All:

You are receiving this communication to keep you apprised of the status of the ongoing environmental monitoring activities associated with the closed Waste Management (WM) Richmond Landfill property.

Under the new Environmental Compliance Approval conditions set forth in the revised Environmental Monitoring Plan and ordered by the Environmental Review Tribunal, WM has notified the Ministry of Environment, Conservation and Parks (MECP) District Manager of results from the most recent sampling event. This work was conducted on July 9, 2021, as a part of the scheduled summer 2021 environmental monitoring event.

We are providing, for your information, the notice supplied to MECP on July 26, 2021. All results outlined in this notice are related to concentration exceedances at locations within the proposed Contaminant Attenuation Zone. These results are generally similar to the historical exceedances observed at these locations for the parameters listed.

These results will be evaluated in the fall semi-annual report that will be issued by January 15, 2022.

Regards,

Bill McDonough
Manager, Richmond Landfill
Waste Management of Canada Corporation

Encl.



MEMORANDUM

DATE: July 26, 2021
TO: Trevor Dagilis, District Manager, Ministry of the Environment, Conservation and Parks (MECP)
CC: David Arnott, Kyle Stephenson and Peter Taylor (MECP)
Chris Prucha, Bill McDonough and Jim Forney (WM)
FROM: François Richard and Madeleine Corriveau (BluMetric)
PROJECT NO: 210166-03
SUBJECT: Notification of Exceedances, WM Richmond Landfill
Town of Greater Napanee

This memorandum is provided on behalf of Waste Management of Canada Corporation as required by Conditions 8.7 and 8.8 of Environmental Monitoring Plan (EMP; Revision No. 05) dated April 15, 2016, as specified in Amended Environmental Compliance Approval (ECA) number A371203, issued by MECP July 14, 2017 to reflect all amendments to the ECA that had been issued since the original ECA was issued in January 2012 and Environmental Review Tribunal (ERT) Order dated December 24, 2015. Conditions 8.7 and 8.8 of the ECA stipulate that monitoring results shall be reported to the MECP District Manager within 48 hours of the determination of the exceedance (initial data screening) if they meet one of the following conditions:

- *any off-site exceedance of the applicable criteria for groundwater (Reasonable Use Limits (RUL)) or surface water (Provincial Water Quality Objectives (PWQO)); and/or,*
- *1,4-dioxane is detected above 1 µg/L at any groundwater or domestic well where 1,4-dioxane has not been detected in the past or at any surface water monitoring location.*

RESULTS

The summer surface water sampling event was completed on July 9, 2021, following the requirements outlined in the latest EMP for the site.

The surface water analytical results at off-site sampling locations were below their respective PWQO, except for:

- At sampling location S18, with concentrations for total phenols (0.0012 mg/L) and total phosphorus (0.037 mg/L) exceeding the PWQO of 0.001 and 0.03 mg/L, respectively; and,
- At sampling location S20, with a total phosphorus concentration of 0.14 mg/L, compared to the PWQO of 0.03 mg/L.



CLOSING

The results from the latest environmental monitoring event will be reported as part of the fall semi-annual monitoring report by January 15, 2022 as required by ECA Condition 14.1.

We trust the above information is satisfactory. If you have any questions or need further information regarding the completed work please do not hesitate to contact the undersigned.

Respectfully submitted,
BluMetric Environmental Inc.



Francois Richard, Ph.D., P.Geo.
Senior Hydrogeologist