



July 30, 2024

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 Environmental Compliance Approval conditions for the facility, 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 12, 2024, as a part of scheduled summer 2024 semi-annual environmental monitoring event.

We are providing, for your information, the notice supplied to MECP on July 30, 2024. 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, 2025.

Regards,

Noah Wayt  
Manager, Richmond Landfill  
Waste Management of Canada Corporation

Encl.



## MEMORANDUM

DATE: July 30, 2024

PROJECT NO: 240160-04

TO: Cathy Chisholm,  
District Manager, (MECP)

CC: David Arnott (MECP)  
Chris Prucha, Noah Wayt and  
Chad Moose (WM)

FROM: François Richard (BluMetric)

SUBJECT: Notification of Exceedances, WM Richmond Landfill Town of Greater Napanee

This memorandum is provided on behalf of Waste Management of Canada Corporation (WM) as required by Conditions 8.11 and 8.12 of Environmental Compliance Approval (ECA) No. A371203 for the Richmond Landfill, Town of Greater Napanee, Ontario, dated March 19, 2021. Conditions 8.11 and 8.12 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 12, 2024, following the requirements outlined in the latest EMP for the site.

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

- Ammonia concentrations exceeding the PWQO of 0.02 mg/L at upstream and downstream sampling locations S18 and S20;
- Total phosphorous exceeding the PWQO of 0.03 mg/L at sampling locations S18 and S19; and,
- Iron exceeding the PWQO of 0.3 mg/L at sampling locations S18 and S19.

## CLOSING

The results from the latest environmental monitoring event will be reported as part of the fall semi-annual monitoring report by January 15, 2025, 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.**



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

Encl.

*Ref.: Richmond Landfill Exceedance Notification-20240530.docx*