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Monitoring Committee Report
Annual General Meeting of CMEI, May 1, 2018

During the past year, CMEI has continued to advocate for improvements in the monitoring system at the Crane Mountain Landfill in order to protect the environment and the water supply of those living downgradient of the site. We are particularly encouraged at this time by the creation of a Numerical Model of the groundwater flow and transport downgradient from the landfill. Tom Simpson will illustrate and explain some aspects of the Model after these reports.

As we mentioned in reports for the last two years, CMEI and the landfill have submitted applications jointly to the Environmental Trust Fund, first for a grant to create a Conceptual Hydrogeological Model and second, for a grant to create a Numerical Model, based on the Conceptual Model. The Numerical Model will provide a much better understanding of groundwater flow and thus can be the basis for important improvements to the monitoring system at the landfill.

We are also encouraged this year because Peter Baxter, environmental engineer for New Brunswick's landfills, has almost completed his development of trigger mechanisms for the landfill. CMEI has been advocating for those triggers for many years now, and we believe that Mr. Baxter has done an excellent job in designing an appropriate system for analyzing data at our landfill.

CMEI keeps track of any incidents that occur at the landfill. This year a leak occurred on December 13, 2017, on the slope of Cell 6. Our Board has studied the incident reports and voted to have representatives meet with General Manager Marc MacLeod to ensure that adequate measures have been taken to prevent this sort of incident from occurring again.

In response to CMEI's request that the reports going to Domestic Well owners be more user friendly, Marc McLeod instructed GEMTEC to include comparative data from the past five years and write a clearer cover letter. The comparative data is helpful; however the letter is confusing and we will help to make it clearer next year.

Over the past year, CMEI has had an ongoing dialogue with Environment Department staff and made specific recommendations for additions to the 2018-2020 Approval to Operate for the landfill. The DOE added only one small item, but we will continue to advocate for additions to future Approvals to Operate.

In general, the CMEI Board is optimistic about what has happened during the past year.

Respectfully submitted,

Roberta Lee
Chair, Monitoring Committee