



Monitoring Committee Report Annual General Meeting of CMEI, May 2, 2017

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 Conceptual Model, which is the basis for 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 last year's report, CMEI and Fundy Region joined forces in submitting an application to the Environmental Trust Fund for a grant to create a Conceptual Hydrogeological Model. The Environmental Trust Fund did provide the funding, and a Request for Proposals was sent out for the work. After studying a number of excellent proposals, representatives from CMEI, General Manager Marc MacLeod, Technical Advisor Peter Baxter, supported by an independent environmental engineer, awarded the contract to **exp. Services**. With Peter Baxter as coordinator, the Conceptual Model was created step by step, and CMEI Chair Tom Simpson met with Baxter, MacLeod, and John Sims from **exp.** along the way.

A second application has been made to the Environmental Trust Fund for a grant to create the Numerical 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. For example, because of the Model, we anticipate that Peter Baxter will be able to set accurate trigger concentrations and develop an appropriate system to analyze landfill data.

CMEI keeps track of any incidents that occur at the landfill. A leak that had been going on for several months was discovered early in June, 2016. In response to this incident, CMEI met with Mark MacLeod and Peter Baxter to discuss the possibility of an early alert system, responding precisely when elevated parameters are discovered by the testing lab. Baxter is working on that system.

In response to CMEI's request that the reports going to Domestic Well owners be more user friendly, Mark MacLeod has committed to providing a draft for us to critique.

On November 29, 2016, representatives from CMEI, accompanied by Jason Gaudet, assistant to MLA Rick Doucet, met with Department of the Environment staff Sheryl Johnstone and Mark Glynn to request that requirements be added to the next Approval to Operate for bonding or insurance coverage at the landfill. Following some discussion, we also requested definite information about what political body is responsible for the landfill. Mark Glynn offered to provide us with that information. Unfortunately, even after several follow-up letters and several attempts by Jason Gaudet, CMEI has had no response at all from DOE staff about any aspects of this meeting. We are still working on this matter.

Despite that one discouraging note, the CMEI Board is extremely optimistic about what has happened during the past year.

Respectfully Submitted by:

Roberta Lee
Chair, Monitoring Committee