



PO Box 3263, Grand Bay-Westfield, NB, E5K 4V5
www.cmei.ca

Monitoring Committee Report Annual General Meeting of CMEI, May 7, 2019

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 right now by the addition of two important features to the monitoring program at the landfill: trigger mechanisms and a numerical model. Both of these features have been promoted for years by CMEI. Peter Baxter, environmental engineer for New Brunswick's landfills, has done an excellent job of designing an appropriate system for analyzing data at the landfill. The creation of a numerical model of the groundwater flow and transport downgradient of the landfill has been a cooperative enterprise between CMEI and the Fundy Region Services Commission.

After the numerical model was completed, the next step for CMEI has been to determine our path forward in terms of the findings of the model. John Sims and Fred Baechler, hydrogeologists at **exp. Services, Ltd.**, provided some suggestions, and the CMEI Board decided to engage them to perform two tasks. First, they will assess the monitoring programs of the landfill in light of the numerical model, looking at issues such as groundwater-surface water interaction and climate change. Second, they will regularly appraise the annual reports of the landfill to ensure that appropriate actions are being taken in response to the reports, and to ensure that adequate monitoring is taking place.

In recent months, the CMEI Board has been examining the FRSC's EIA and proposed Project—to purchase land in the watershed downgradient of the landfill, in order to acquire clay for landfill liners. A quarry on the property would also be used for landfill construction purposes. CMEI engaged **exp.** to review the EIA. We also placed notices about the Project and the upcoming public meeting in the mailboxes of residents from South Bay through Martinon. The public meeting was cancelled because of the flood but will be rescheduled. The CMEI Board opposes this Project because we are convinced by our study of the issues involved that it poses risks to the water supplies, home foundations, and air quality of our community. Disturbing this watershed is also increasingly risky because of climate change.

CMEI has clearly made a difference through its actions in the past year and pledges to continue the important work of monitoring the landfill in order to protect our environment.

Respectfully submitted,

Roberta Lee, Chair Monitoring Committee