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Monitoring Committee Report Annual General Meeting, April 29, 2014

During the past year, the CMEI Monitoring Committee has continued to bring recommendations from ADI's 2005 and 2009 Independent External Reviews of the Crane Mountain Landfill to the attention of the Waste Commission in order to ensure that they are carefully considered and acted upon. CMEI is also receiving ongoing independent assessments of various landfill issues from hydrogeologists at **exp.** (formerly ADI).

The Action Items targeted by the General Manager of the landfill for consideration in 2013 consisted of planning for and funding for post-closure and contingencies. In November, 2013, the Monitoring Committee studied the items and presented a document to the Fundy Regional Services Commission, requesting that these matters be thoroughly scrutinized. The document was referred to the General Manager, who reported that he would wait until after decisions are made about Waste Diversion to consider this request.

The UNB study by students under the direction of Dr. Tom Al and Dr. Kerry MacQuarrie, of the departments of Earth Sciences and Civil Engineering, has been ongoing during this past year. This study of the evolution of the groundwater flow downgradient of the landfill was initiated in response to recommendations from the 2009 ADI review and funded by the landfill. Representatives from CMEI heard presentations on this study from two students on Monday, April 28. The final document will be available within the next week, and CMEI will receive a copy. Tom Simpson will be showing us parts of the student presentation tonight.

In September, 2013, the annual testing of the 69 domestic wells in the area from South Bay through Martinon took place. In response to CMEI's request, Gemtec did their testing at convenient times on Saturdays, and CMEI wrote letters to well owners urging them to make sure their wells were tested. As a result, most of the 69 wells were tested. Data from those who gave permission to CMEI were sent to **exp.** and put into the system they have developed for plotting and trending.

Several years ago, several CMEI Board members detected problems with the 24-hour monitoring system of the cell underdrains at the landfill. Landfill staff have been endeavouring to fix these problems, and our Board members are keeping a watchful eye on the system.

CMEI has financed annual aerial photos of the landfill site for a number of years now. These photos show clearly the development of the landfill. A slide show can be accessed on the CMEI website, and an example will be shown here tonight as well.

CMEI Board members are responding to their mandate to provide independent monitoring of the landfill by keeping abreast of the landfill operations and monitoring data, by conferring with the General Manager, the Fundy Regional Services Commission, and the Department of the Environment, by engaging independent experts to work on their behalf, and by being open to concerns or suggestions from residents of the area from South Bay through Grand Bay-Westfield.

Respectfully submitted,

Roberta W. Lee, Chair of the Monitoring Committee