

THE REGIONAL MUNICIPALITY OF HALTON
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PLANNING & PUBLIC WORKS DEPARTMENT
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November 8, 2006

PTTW Coordinator
West Central Regional Office
119 King St. W, 12th Floor
Hamilton, ON L8P 4Y7

Dear Sir/Madame:

Re: EBR Registry Number IA06E1293 – CBM Aggregates (Proposed Flamborough Quarry) Proposal for Category 3 Permit to Take Water

In response to the EBR posting of a notice of proposal for a category 3 Permit to Take Water (PTTW) to conduct a series of pumping tests at the proposed CBM Aggregates Flamborough site, Halton Region has the following comments.

The proposed quarry site is located adjacent to the Hamilton/Halton boundary which coincides with Milborough Line in the Town of Milton. Thus, with respect to water issues, Halton Region is concerned about possible impacts from the proposed development on the private water supplies of Halton residents and the natural features located in the vicinity. Representatives of the Planning and Transportation Department of Halton Region are members of the Combined Aggregate Review Team (CART) assembled for this application and chaired by the City of Hamilton. As such, Halton Region is a commenting agency.

CBM Aggregates has proposed to undertake a series of pumping tests to characterize a productive zone within the Amabel Formation and to conduct a pilot-scale test of the proposed groundwater recirculation system, which CBM Aggregates suggests will mitigate quarry dewatering effects. Halton Region wishes to ensure valuable data are collected during the pumping tests which will assist staff in reviewing the application.

Halton Region requests that the following conditions be considered for addition to the PTTW:

1. That the pumping tests be of sufficient duration such that possible impacts can be quantified.
2. That monitoring of water quality be completed before, during and following completion of the pumping tests in the pumping wells, recharge wells and representative monitoring wells within the expected zone of influence to assess changes in water quality due to pumping and/or recharge. Parameters monitored should include major ions, trace metals, bacteria and field parameters (temperature, electrical conductivity and pH).
3. That continuous water levels at representative private water wells within Halton Region in the vicinity of the testing site and downgradient be monitored prior to, throughout the testing period and afterwards.

A delegate at a public meeting suggested that residents may be more receptive to inclusion of their well in the monitoring program if a representative of Halton Region accompanied the proponent and/or their consultant.

4. That multi-level piezometers be installed near significant natural features in Halton Region to monitor vertical gradients and any changes that may occur due to pumping and/or recharge.
5. We note that there is no indication of the expiry of the PTTW. We question if the proposed tests are to be recurring over a number of years? If so, we request that Halton Region be notified of proposed testing at least 2 weeks prior to each test commencement and be provided with a report of findings from the previous testing carried out.

Should you have any questions regarding our comments above, please call Diane Bloomfield at extension 7134.

Yours truly,

A handwritten signature in black ink, appearing to read "JMW", is enclosed in a hand-drawn oval. A horizontal line extends from the right side of the oval across the page.

Jacqueline Weston
Manager
Infrastructure Planning

cc: Stan Holiday, City of Hamilton
Edward Soldo, Acting Director Planning and Transportation
Diane Bloomfield, Halton Region