

1 Q. **Re Replace Fuel Storage Facility - Postville (B-45)**

2 Please confirm whether Hydro has carried out permeability testing upon the
3 earthen dyke since the carrying out of repairs in 2007 and provide a copy of the
4 results, if any.

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6 A. Permeability testing was first carried out in 2007. Results of the testing indicated
7 the permeability rate was 50 litres per square meter per day ($\text{l/m}^2/\text{day}$), which was
8 twice the allowable permeability rate of $25 \text{ l/m}^2/\text{day}$ permitted in the GAP
9 Regulations. In 2008, repairs were carried out and the dyke was again tested.
10 Results from this second test indicated the permeability rate was $32.5 \text{ l/m}^2/\text{day}$,
11 which is still above the rate stipulated in the GAP Regulations. A complete report
12 was not prepared on this testing as the earthen dyke liner required replacement.