

1 Q. With reference to the Project **C-16, Install Backup System for Raw Water Supply**
2 **and Clarifier - Holyrood**, has Hydro evaluated means of increasing the amount of
3 water stored on-site, as a means of mitigation against a possible failure of the raw
4 water supply? If so, provide details of such evaluation including cost estimates for
5 increasing the amount of water stored on site.

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8 A. Hydro did consider the feasibility of installing water storage tanks at Holyrood as a
9 means of mitigation against a possible failure of the raw water supply. However it
10 was not pursued in detail as an alternative under the cost benefit analysis because
11 the capital cost to construct a large storage tank, with freeze protection and
12 sufficient volume to adequately supply the plant for a week or more, was judged as
13 being too high to consider as a practical alternative. The cost estimate was in the
14 order of \$2.5 million. Given the fact that Hydro's raw water storage reservoir is
15 within close proximity to the plant, the simplest and most cost-effective solution to
16 achieve business continuity as it pertains to raw water supply is to pump water
17 from Hydro's existing near-by raw water storage reservoir directly to the plant.