Board Staff Interrogatory #152

Interrogatory

Reference:
Exhibit D2 / Tab 2 / Schedule 10 / p. 44

Preamble:

OPG stated that it had done sampling following a 2009 spill at the Injection Water Storage Tank, which indicated elevated tritium levels in the soil and groundwater in the area north of the site.

Sampling within the footprint of the D2O Storage Project construction showed that the tritium levels observed, while above background levels, did not exceed Ministry of the Environment standards.

Question(s):

a) Please clarify the approximate date referenced in the first quote above (i.e. month and year) when OPG had done sampling following a 2009 spill.

b) Please clarify the approximate date by which the sampling results were available to OPG.

Response

a) The referenced spill occurred on December 21, 2009. Exhibit D2-2-10, p. 44 discusses two rounds of sampling. The earlier sampling discussed in the evidence (lines 6-7) was part of the ongoing sampling of existing groundwater monitoring wells outside of the project site and occurred in April 2010. The subsequent sampling (discussed on lines 5-6 and 10-13) was accomplished by drilling new monitoring wells and sampling existing geotechnical boreholes on the D2O Storage Project site in preparation for the project. The subsequent sampling done on the project site occurred in March 2012.

b) The results from the earlier sampling were available in May 2010. The sampling results from the new monitoring wells and existing geotechnical boreholes on the D2O Storage Project site were available in April 2012.