

**APPENDIX H**  
**MANDATORY CERTIFICATIONS OF THE QP<sub>RA</sub>**



**APPENDIX H: MANDATORY CERTIFICATIONS OF THE QP<sub>RA</sub>****I, Elliot Sigal, do hereby certify that:**

## (1) In relation to the RA:

1. I have conducted or supervised a risk assessment report in accordance with the regulation.
2. I am a qualified person, as defined in section 168.1 of the Act, and have the qualifications required by section 6 of the regulation.
3. I have in place an insurance policy that satisfies the requirements of section 7 of the regulation.
4. The risk assessment team included members with expertise in all of the disciplines required to complete the risk assessment in accordance with the regulation.
5. The opinions expressed in the risk assessment are engineering or scientific opinions made in accordance with generally accepted principles and practices as recognized by members of the environmental engineering or science profession or discipline practicing at the same time and in the same or similar location.
6. To the best of my knowledge, the certifications and statements in this risk assessment are true as of May 12, 2011 ~~April 7, 2010~~.
7. By making these certifications in this risk assessment report, I make no express or implied warranties or guarantees.

## (2) In relation to the RA property:

1. As of May 12, 2011 ~~April 7, 2010~~, it is my opinion that based on relevant property information, the approach taken in the conduct of the risk assessment,
  - i. is appropriate to evaluate human health and ecological risks from the contaminants of concern at the concentrations proposed as the standards specified in the risk assessment and assuming no measures have been taken at the RA property which have the effect of reducing the risk from the contaminants, and
  - ii. is consistent with the approach set out in the pre-submission form with the exception of those deviations listed in section 1 of the report under the heading "Deviations from Pre-Submission Form".
2. As of May 12, 2011 ~~April 7, 2010~~, it is my opinion that, taking into consideration the assumptions specified in the risk assessment report, including the use of the property specified in report section 3 of the risk assessment, and any risk management measures recommended in the report, as long as the RA property satisfies those assumptions and meets the standards specified in the risk assessment report, the contaminants of concern are unlikely to pose a human health or ecological risk greater than the level of risk that was intended in the development of the applicable full-depth site condition standards for those contaminants.

3. As of ~~April 7, 2010~~ May 12, 2011, it is my opinion that,
  - i. ~~no risk management plan is necessary for a contaminant of concern addressed in the risk assessment report to prevent, eliminate or ameliorate any adverse effect from that contaminant to the human or ecological receptors addressed in the report and located on the RA property.~~
  - ii. the implementation of the risk management plan described in Section 7 of the risk assessment report is necessary for a contaminant of concern addressed in the risk assessment report to prevent, eliminate or ameliorate any adverse effect from that contaminant to the human or ecological receptors addressed in the report and located on the RA property and is sufficient to address the current and potential future transport and exposure pathways.
  
4. As of ~~April 7, 2010~~ May 12, 2011, the risk assessment report completely and accurately reflects the risk assessment assumptions and conclusions and all pertinent information has been included in the report and the appendices to the report.

(3) In relation to the conclusion that the standards that are being proposed for the

RA property are not likely to result in a concentration greater than the applicable full depth site condition standard for any of the human or ecological receptors that are addressed in the report and are located off the RA property, I, Elliot Sigal, certify the following in relation to the RA property and its impact on those receptors:

As of the submission date, it is my opinion that, taking into consideration the assumptions specified in the risk assessment report including any risk management measures recommended in the report, as long as the RA property satisfies those assumptions and meets the standards specified in the report, the applicable full depth site condition standards will likely be met at the nearest off-site ecological and human receptors identified in the report.

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**Elliot Sigal, B.Sc., QP<sub>RA</sub>**  
**Executive Vice-President and Senior Scientist**