

# Human Health Risk Assessment (HHRA) - Flin Flon / Creighton Technical Advisory Committee (TAC)

May 12, 2008  
Teleconference

## Attendance

MB Conservation: Dave Bezak, Mike Gilbertson, Geoff Jones, Audrey Romanchuk  
 MB Health: Marcia Anderson, Susan Roberecki  
 MB STEM: Doina Priscu  
 MB Water Stewardship: Dave Green  
 SERM: George Bihun  
 SK Health: James Irvine  
 Health Canada: Margaret Yole  
 HBMS: Ian Cooper, Alan Hair, Shirley Neault  
 Intrinsic Environmental: Adam Safruk, Elliot Sigal  
 Facilitator: None  
 Observers: None

## Introduction

- The agenda was reviewed. One standing item was added to the draft agenda:
  - Community Advisory Committee feedback.
- The notes from the previous meetings were reviewed and approved.
- A review of action items from the previous meeting was conducted as noted in the action tables.

Question: It looks like Intrinsic is targeting August 29 for the draft HHRA report. Does this mean that early September is a critical time for the TAC members to complete our review?

Response: Yes.

#	Action	Responsibility	Target Date	Status
017	Final comments on the HHRA TOR to be submitted.	Susan Roberecki	<del>2007-12-14</del> By next meeting	2007-12-06, updated 2008-02-04, ongoing 2008-02-27, ongoing 2008-04-07, ongoing 2008-05-12, ongoing
022	Conduct a broader survey of drinking water to confirm that the current sites are representative.	Alan Hair	2008-01-15	2007-12-06, new 2008-02-04, ongoing 2008-02-27, ongoing 2008-04-07, ongoing 2008-05-12, <b>Complete</b>
024	Provide references for adjustment factors to TAC.	Elliot Sigal	As factors arise	2007-12-06, new 2008-02-04, ongoing 2008-02-27, ongoing 2008-04-07, ongoing 2008-05-12, ongoing
048	Post the provisional HHRA TOR to the HHRA website.	Alan Hair	2008-04-18	2007-04-07, new 2008-05-12, <b>Complete</b>
049	Clarify HBMS' role as co-ordinator of the HHRA in the TOR.	Sheldon McLeod	2008-04-18	2007-04-07, new 2008-05-12, ongoing

#	Action	Responsibility	Target Date	Status
055	Provide feedback on the format / structure of the example toxic profile provided by Intrinsic	TAC Members	2008-05-26	2008-05-12, new

### **Update on Human Health Risk Assessment**

#### **Snow and Drinking Water Sampling – Draft Report**

- The draft snow and drinking water report was circulated prior to the meeting. Comments were received from some TAC members. Those comments have been reviewed with Jacques Whitford personnel. A summary of the comments / responses is listed below:
  - The criteria used to select snow sampling locations should be inserted into the report.
  - West FF was not sampled because the sites did not meet the selection criteria. A note in the report should be made.
  - No site in Channing was sampled, as it wasn't specifically requested.
  - There is no obvious explanation, at this point, as to why there is a relatively significant difference between comparable sample locations from the MB Conservation sample program (see action #056).
  - Additional review of the snow sampling results is required before issuing the final report.
  - More interpretation of the results should be in the report.

Question: What's the protocol for sharing the results with the CAC?

Response: The TAC needs to be satisfied with the accuracy of any results before a final report is issued for review by the CAC.

- The analytical lab process, procedures, QA/QC program, etc. needs to be confirmed as issue-free.
- We need to clarify the value of aluminium in the table relative to human health.
- General locations of drinking water sampling locations are being added to the report.
- Follow-up has already been taken regarding the one unusual drinking water result. It appears to be a plumbing issue; related to lack of use, which contributed to the result (see action #057).
- The report may be easier to handle if it is split into two reports; one for snow and one for drinking water.

#### **Food Survey**

- The 495 responses have been entered into an access database. Over the next couple of weeks, the database will be queried. A proposal will then be based on the query results.

#### **Indoor Dust**

- The proposed sampling method was received just before the meeting. It will be distributed to TAC members for review and comment following this meeting (see action #058).
- The sample collection is targeted for June, depending on availability of samplers and homeowners.

#### **Other Progress on the HHRA**

- The comments received regarding problem formulation are currently being incorporated and should be complete in approximately two weeks.
- The soil samples have been sent to the lab for the bioaccessibility study. The study will take about one month to complete.

#	Action	Responsibility	Target Date	Status
032(a)	Revise TAC TOR to reflect latest discussions.	Sheldon McLeod	<del>2008-01-15</del> 2008-04-21	2007-12-06, new 2008-02-04, ongoing 2008-04-07, ongoing 2008-05-12, ongoing
032(b)	Provide wording for the TAC TOR stressing that co-ordination of the HHRA is a HBMS responsibility rather than government	Dave Bezak / Susan Roberecki	2008-04-21	2008-04-07, new 2008-05-12, ongoing
039	Circulate an example toxic profile of chemicals of concern for comments regarding content / approach	Elliot Sigal	2008-03-14	2008-02-04, new 2008-02-27, ongoing 2008-04-07, ongoing 2008-05-12, <b>Complete</b>
050	Circulate comments on the HHRA problem formulation to TAC members.	Elliot Sigal, Sheldon McLeod	2008-04-07	2008-04-07, new 2008-05-12, <b>Complete</b>
051	Provide explanation on cross-referencing soil and dust results.	Alan Hair	2008-04-11	2008-04-07, new 2008-05-12, <b>Complete</b>
052	Finalize dust report, present to the CAC, and post to the HHRA website.	Alan Hair	2008-04-25	2008-04-07, new 2008-05-12, <b>Complete</b>
053	Update HHRA time-line to include dust re-sampling.	Elliot Sigal	2008-04-11	2008-04-07, new 2008-05-12, <b>Complete</b>
054	Finalize residential soil report, post it to the HHRA website and notify TAC members that it has been posted	Alan Hair	2008-04-18	2008-04-07, new 2008-05-12, <b>Complete</b>
056	Check other available information to try to understand reason for differing results and validate data.	Geoff Jones/ Alan Hair	2008-05-30	2008-05-12, new
057	Review unusual drinking water result and determine if risk communication from Health Dept. personnel is required	Susan, Marcia, James, Office of Drinking Water rep	2008-05-23	2008-05-12, new
058	Distribute proposed dust sampling method for TAC review & comment	Alan Hair	2008-05-13	2008-05-12, new

### **Activities of the Communications Working Group**

- The Open House was successful, although the turnout was disappointing to some. Compared to attendance at other similar events, the turnout was quite good. The attendees were happy with the information that was available.
- The homeowner of one soil result containing higher than average cadmium levels is the only person approaching HBMS for more detail / information. Some referral to government representatives may be required.

### **CAC Feedback**

- The last meeting was very short. The committee does not have much to deal with at the moment and is awaiting further results.

**NEXT MEETING:**      **Thursday, June 5<sup>th</sup>, 10:00 am**  
**Teleconference / Boardroom A**