

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

February 24, 2010

Attendance

MB Conservation:	Dave Bezak, Audrey Romanchuk, Mike Gilbertson (part of meeting)
MB Health:	Lawrence Elliott, Susan Roberecki
MB IEM:	Doina Priscu
MB Water Stewardship:	Kevin Jacobs
SK MOE:	George Bihun
SK Health:	James Irvine, David Sampson
Health Canada:	Sandra Slogan, Doug Haines (part of meeting via telephone)
HBMS:	Alan Hair, Ian Cooper, Shirley Neault
Intrinsic Environmental:	Elliot Sigal, Adam Safruk
Facilitator:	Sheldon McLeod
Observers:	Tom Lindsey, Dave Price
Goss Gilroy:	Blair Jackson, Celine Pinsent
Habitat Health Impact Consulting:	Murray Lee

Introduction

- The agenda was reviewed and accepted.

Review of the Evaluation of Exposure Study Draft Report

- Goss Gilroy personnel lead a discussion on the draft Exposure Study Report:
 - The sample plan overestimated the number of children living in West Flin Flon.
 - The household response rate was similar for all four regions (61% overall), while the individual response rate was higher than normal following the interview component (94%). Therefore, the extensive communication effort appears to have been effective.
 - Many samples had non-detectable levels. But the samples cannot be removed from the overall results, nor can they be counted as zero, so the values were imputed to ensure that numbers in the range of 0 to detection limit were used.
 - In a few places in the draft report, tables did not match text. These have been corrected already.
 - It is important to remember that creatinine adjustments result in different units of measurement so are for descriptive purposes and are not statistical comparisons.
 - The epidemiologist is looking at how to communicate the data while ensuring that specific children cannot be identified.
 - Renters often do not know how old the home is or what type of pipes are in the home. The age of the house could be better determined through tax rolls (see action #153).

Review of HHRA Final Comments

- No substantive comments were received from the TAC members but a table will be prepared outlining all of the comments and responses.
 - The recently supplied Saskatchewan drinking water arsenic data will make some difference compared to the currently used Ontario data.
 - The cancer risks description will be expanded.
 - The second objective of the HHRA regarding risk management will be dealt with in the summary document.
 - A clearer final conclusion will be provided.

Comment: A flow chart should be developed that could be used in all of the reports so that if somebody reads only one report, it is obvious that other parts exist and are important to avoid drawing the wrong conclusion.

Response: Agreed that a flow chart may be useful (see action #154).

- Publication of the report was discussed. The report will be available in three formats: hard copy, disc copy and downloadable from the website. Hard copies will be required for the Manitoba Conservation library, the Flin Flon Public Library, Flin Flon City Hall, Creighton Town Hall, HBMS and the various Government Departments (see action #155).
- The revised executive summary needs to be circulated again for comment (see action #156).

Integration and Summary Report

- The integration and summary report was discussed and suggestions were made for revisions to the draft.

Overall Schedule

- The schedule previously supplied by George was reviewed and slightly modified with the understanding that further slight modifications may be required but that no major slippage can be afforded (see actions 157-160).

**NEXT MEETING: TBD
Teleconference**

#	Action	Responsibility	Target Date	Status
143	Poll TAC members for suggestions for providing sufficient technical information to the CAC to enable confidence in process / results	Sheldon McLeod	2010-01-15	2009-12-08, new 2010-01-12, ongoing 2010-02-08, ongoing 2010-02-24, Complete
145	Supply comments on the draft HHRA and responses to the IERP	TAC Members	2010-02-08 2010-02-12	2010-01-12, new 2010-02-08, ongoing 2010-02-24, Complete
146	Test availability of CAC members for a workshop & meeting	Sheldon McLeod	2010-02-26	2010-01-12, new 2010-02-08, ongoing
148	Prepare an additional response to the resident with the cadmium concern	Lawrence Elliott	2010-02-22	2010-01-12, new 2010-02-08, ongoing
149	Arrange a meeting of the CWG to prepare a communications plan.	George Bihun	2010-01-19	2010-01-12, new 2010-02-08, ongoing 2010-02-24, Complete
150	Provide comments on the draft Exposure Study report	TAC Members	2010-02-24	2010-02-08, new
151	Prepare an agenda for the February 24 th meeting	Alan Hair / Elliot Sigal	2010-02-22	2010-02-08, new 2010-02-24, Complete
152	Provide Belledune lead study data to TAC members	Doug Haines	2010-03-01	2010-02-24, new
153	Obtain age of home information from the tax rolls	Goss Gilroy	2010-03-05	2010-02-24, new

#	Action	Responsibility	Target Date	Status
154	Draft a flow chart that could be used in all of the reports	Intrinsik	2010-03-12	2010-02-24, new
155	Provide specific number of hard copies of the HHRA report needed for HBMS and Government Departments	Alan Hair / Govt. reps	2010-03-31	2010-02-24, new
156	Circulate the revised executive summary for comment	Intrinsik	2010-03-10	2010-02-24, new
157	Provide comments / responses re HHRA to Sheldon so that he can provide them to TERA	Intrinsik	2010-03-05	2010-02-24, new
158	Send revised Evaluation of Exposure study for peer review	Goss Gilroy	2010-03-19	2010-02-24, new
159	Arrange for in-camera meeting of the CAC for either March 24 or 25	Sheldon McLeod	2010-03-05	2010-02-24, new
160	Arrange for in-camera workshop for the CAC for early May	Sheldon McLeod	2010-03-10	2010-02-24, new

*NOTE: The detailed version of these notes will be posted on the website after the HHRA report becomes public.