

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

September 4, 2008
Teleconference

Attendance

MB Conservation: Dave Bezak, Geoff Jones
MB Health & Healthy Living: Marcia Anderson, Karen Serwonka, Susan Roberecki
MB STEM: None
MB Water Stewardship: None
SERM: George Bihun
SK Health: James Irvine
Health Canada: Lindsay Smith
HBMS: Ian Cooper, Alan Hair, Shirley Neault
Intrinsic Environmental: Elliot Sigal, Adam Safruk
Facilitator: Sheldon McLeod
Observers: Tom Lindsey

Introduction

- The agenda was reviewed and accepted.
- The notes from the previous meeting (August 19) were reviewed and approved with some minor revision.
- A review of action items from the previous meeting was conducted as noted in the action tables.

Update on Human Health Risk Assessment

Indoor Dust

- Results from the reanalysis of the supplemental dust sampling program have been reviewed and a memo from Intrinsic was previously circulated. All 38 samples were reanalyzed at a different lab. Highlights of the reanalysis are:
 - The differences from the original analysis are quite extensive.
 - The expected correlation between soil and dust results are now present, as is the corresponding geographical dispersion.
 - The QA/QC issues have also been addressed. The applicable standards were met and the analytical data is considered acceptable.
 - The recommendation from Intrinsic is to accept and use the latest dust data for the HHRA.
- The speciation analysis is expected late this week or early next. This third lab may also have enough material left from one or two samples to conduct another metals analysis. These results may be sufficient to verify the above mentioned reanalysis results and eliminate the original data.

Question: Do we have an explanation as to why the first lab's data was wrong?

Response: Not at this point, but an explanation is expected from them.

Comment: More information regarding both lab's QA/QC programs would be a better assurance that the data used is correct than is the correlation between soil and dust numbers.

Response: None.

Comment: In general, the new information fits the presumptions of the TAC members, especially the tin results.

Response: None.

Comment: The lab that conducted the first analysis also analyzed the snow samples and similar oddities were noted (elevated iron), so the QA/QC data from that lab should apply to the snow data as well.

Response: Contact with both labs will be ongoing and both QA/QC programs will be examined (see action #080).

Question: Should another round of sample collection be considered? Can the previous wipe samples be reanalyzed?

Response: That is a possibility. If it is determined that more samples need to be collected, additional wipe samples would also be collected because the previously collected wipe sampled cannot be reanalyzed.

- To keep the process moving, Intrinsik will move forward with the latest data. The study can be supplemented with additional sampling data, if deemed necessary. Although resolution by the TAC is preferred, the peer review could also address the issue.

Question: Who analyzed the soil samples?

Response: The same company at a different lab. The results seemed okay and will be supplemented by the bioaccessibility study.

Comment: The bottom line is we need to assure ourselves that the data is accurate.

Response: There are three next steps needed to obtain this assurance:

Step 1 – obtain QA/QC data

Step 2 – review QA/QC data

Step 3 – make informed decision

- Correspondence between all of the parties from now until the next call on September 25 is very important to maintain the timelines of the overall HHRA.

Question: How will the data be used in the HHRA?

Response: Elliot will circulate something to respond to this question (see action #081).

Bioaccessibility

- The results were received by Intrinsik yesterday. They will be reviewed by Intrinsik and then circulated to the TAC soon.

#	Action	Responsibility	Target Date	Status
066	Revise the Gantt chart to reflect 2-week delay with bioaccessibility work	Elliot Sigal	2008-08-20	2008-07-17, new 2008-08-19, ongoing 2008-09-04, Complete
079	Review draft snow report in light of clarified comments	Alan Hair	2008-08-29	2008-08-19, new 2008-09-04, ongoing
080	Obtain and circulate QA/QC data from both labs that analyzed dust samples	Elliot Sigal	2008-09-19	2008-09-04, new
081	Circulate a response to how the dust sampling data will be used in the HHRA	Elliot Sigal	2008-09-19	2008-09-04, new

Peer Review Panel

- A draft RFP for the peer review panel needs some minor revision before being circulated to the TAC (see action #082).

#	Action	Responsibility	Target Date	Status
082	Circulate draft RFP for peer review to TAC	Alan Hair	2008-09-19	2008-09-04, new

Activities of the Communications Working Group

- There are no recent activities from this group to report. However, Premier Doer's recent announcement regarding soil improvement at Flin Flon parks was discussed. This is a decision by the Government of Manitoba and has no impact on the HHRA.

Comment: It was disappointing that both HBMS and Intrinsik found out about the announcement when called by the Winnipeg media to comment.

Response: Government representatives regret that they could not supply a heads up.

Comment: A number of parks were identified in the announcement. Care needs to be taken to ensure that the parks are properly identified.

Response: Manitoba Conservation will share the information used to identify which parks would be done based on established criteria (see action #083). If revisions are necessary, they will be made.

#	Action	Responsibility	Target Date	Status
083	Circulate information regarding the 10 parks that will be worked on by the MB Government	Dave Bezak	2008-09-05	2008-09-04, new

CAC Feedback

- The observer indicated that the CAC will likely want to know more about the park enhancement work planned and the dust sample data issue.

#	Action	Responsibility	Target Date	Status
071	Craft a response to the CAC regarding ecological risk assessment	Dave Bezak / George Bihun	2008-08-29	2008-07-17, new 2008-08-19, ongoing 2008-09-04, Complete
072	Compile a summary of the current ecological work being done to present to the CAC	Alan Hair	2008-08-29	2008-07-17, new 2008-08-19, ongoing 2008-09-04, Complete
073	Provide the response to the ecological risk assessment question to the CAC	Alan Hair George Bihun	2008-09-10	2008-07-17, new 2008-08-19, ongoing 2008-09-04, ongoing

#	Action	Responsibility	Target Date	Status
074	Arrange a meeting to discuss / plan for long-term biological monitoring	James Irvine/Susan Roberecki	2008-10-15	2008-07-17, new 2008-08-19, ongoing 2008-09-04, ongoing

Public Engagement

- This item was not discussed at this meeting.

Other Business

- None

**NEXT MEETING: September 25, 2:00 pm
Teleconference / Boardroom A**