



## Update on HHRA

- **Soil and Dust Sampling Results and Reports**
- **Progress on Snow and Drinking Water Sampling**
- **Food survey initial feedback**
- **Next Steps in HHRA**

*Community Advisory Committee Meeting, Thursday, April 24<sup>th</sup>, 2008*

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# FINAL RESIDENTIAL SOIL REPORT

- The final Jacques Whitford Residential Soils Sampling report has now been posted to the web-site
- Only minor editorial changes were made to the draft report presented previously

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# INDOOR DUST RESULTS

- Draft report and preliminary results received Wednesday February 21, 2008 as previously discussed
- Vacuum (carpet and fabric surfaces) results were not adequate (an insufficient detection limit was reported); this problem could not be rectified
- Wipe (hard surfaces) results appear appropriate; one marginal exceedance for Pb in Creighton home noted

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# INDOOR DUST RESULTS

- Draft report circulated to Technical Advisory Committee on April 3<sup>rd</sup>, 2008 for Technical review
- Recommendation to resample all homes using a more sensitive vacuum method; re-sampling to occur in late May/early June
- Creighton exceedance reviewed and discussed with Saskatchewan Health; other samples inside home below detection limits, soil results not unusual; home to be reanalyzed as part of June sampling programme

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# SNOW & DRINKING WATER RESULTS

- Residential water sampling and snow sampling completed in late February
- Draft snow and water report submitted to TAC for technical review on April 21
- Metals in snow; no context to comment further at this time
- All water samples meet CCME health-based drinking water criteria with one exception:
  - Lead exceedance; follow-up ongoing, issue traced to plumbing system

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# FOOD SURVEY FEEDBACK

- Food survey sent to approximately 3000 homes
- Over 500 completed surveys returned to date
- Intrinsik is processing the data
- Data to be used to assist in estimated consumption rates and determining need for fish, wildlife and berry collecting
- If necessary, survey results will be used to assist in determining locations for sampling

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# OTHER HHRA ACTIVITIES

- Bioaccessibility (simulated stomach study)
  - soils have been delivered to the laboratory at RMC/Queens
  - Intrinsic to meet next week with Health Canada and RMC to agree on exact methods for study
  - Study to begin shortly thereafter
- Problem formulation
  - completed and submitted to TAC as a draft
- Toxicological profiles
  - ongoing
- Exposure Model (spreadsheet)
  - to be developed as part of the exposure assessment
- Exposure parameters
  - to be defined based in Health Canada and US EPA defaults as well as Food Survey results and local knowledge (CAC input will be requested to assist with this aspect of the study)