

## MVLWB Registry

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**From:** Tyree Mullaney <tyree@mvlwb.com>  
**Sent:** Tuesday, February 10, 2015 8:18 AM  
**To:** permits@mvlwb.com  
**Subject:** FW: Giant - Actions Working Group - Human Health Risk Assessment

(MV2007L8-0031 – AANDC CARD – Giant .....)

Please post to....

Reports and Studies  
Operations and Notifications

Thanks

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**From:** Asish Mohapatra [mailto:asish.mohapatra@hc-sc.gc.ca]  
**Sent:** February 10, 2015 8:11 AM  
**To:** Jane Amphlett  
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**Subject:** Re: Giant - Actions Working Group - Human Health Risk Assessment

Jane:

Thank you very much for sharing these documents.

I would like to share some quick thoughts with the working group members.

- These documents from 1990s are definitely an easy read when you compare them to our contaminated sites technical guidance documents such as Preliminary Quantitative Risk Assessment (PQRA) and Detailed Quantitative Risk Assessment (DQRA) and Short Term Exposure Guidance documents. Please note, our short-term exposure guidance documents are recent additions to our risk assessment documents.

- Concepts and principles may be similar when you compare these documents with other risk assessment guidance documents and different components of Human Health Risk Assessment (problem formulation, dose-response (toxicity) assessment, exposure assessment and calculations, and health risk characterization); however, some of the exposure assumptions and values may have been changed over the years. Therefore, if you come across some exposure assumptions, numerical values, and specific toxicological reference values, it is always a good idea to verify their current use and validity.

Please let me know if you have any specific questions based on your review of these documents.

Sincerely,

Asish Mohapatra

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Date: 2015-02-04 05:01 PM  
Subject: Giant - Actions Working Group - Human Health Risk Assessment

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Hi all, please find attached documents submitted from Stantec - Mark Richardson. The actions were from the December 2014 meeting:

- Provide pros and cons of different approaches to HHRA
- Provide information on what HHRA can tell local communities and what it can't
- Provide plain language guidance documents fro HHRA

Thanks

Jane[attachment "giant\_mine\_gmwg\_action\_items\_december\_2014.pdf" deleted by Asish Mohapatra/HC-SC/GC/CA] [attachment "H49-96-2-1995E-1[1].pdf" deleted by Asish Mohapatra/HC-SC/GC/CA] [attachment "H49-96-2-1995E-2[1].pdf" deleted by Asish Mohapatra/HC-SC/GC/CA] [attachment "H49-96-2-1995E-3[1].pdf" deleted by Asish Mohapatra/HC-SC/GC/CA] [attachment "H49-96-2-1995E-4[1].pdf" deleted by Asish Mohapatra/HC-SC/GC/CA] [attachment "H49-96-1-1995E-1[1].pdf" deleted by Asish Mohapatra/HC-SC/GC/CA] [attachment "H49-96-1-1995E-2[1].pdf" deleted by Asish Mohapatra/HC-SC/GC/CA] [attachment "H49-96-1-1995E-3[1].pdf" deleted by Asish Mohapatra/HC-SC/GC/CA]