



Nunavut Regional Office
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January 21, 2004

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Via electronic mail to:
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**Re: December 13/03 Teck Cominco request for the placement of metals
contaminated soils in Little Red Dog Quarry Landfill (LRDQL).**

On behalf of Indian and Northern Affairs Canada (INAC) Water Resources, I have reviewed the December 13, 2003 Teck Cominco request to allocate the remaining Polaris underground mine space to the storage of hydrocarbon contaminated soil, and to divert all remaining metals contaminated soil to the Little Red Dog Quarry Landfill (LRDQL). In light of the increased volumes of contaminated soil resulting from Polaris decommissioning and reclamation, and the soil management alternatives presented in the December 19 correspondence, INAC is in agreement that the aforementioned alternative for soil storage is appropriate. The following comments are offered:

- The characterization, criteria for selection, and preparation of new underground areas identified for hydrocarbon contaminated soil storage must be as rigorous as those applied to previously approved storage areas. Comprehensive documentation of site characterization and preparation, in addition to soil volumes and storage locations, should be included in the appropriate Quarterly Report(s).
- It is recommended that metal contaminated soil be prioritized for placement in the deepest areas of LRDQL. As noted in the Dec. 19/03 Tech Cominco letter, the volumes and areas of contaminated soil storage placement will be recorded, and it is further recommended that the storage

of contaminated soils be kept as segregated as possible, and mixing with uncontaminated LRDQL fill minimized. It is also requested that run-off, if any, from LRDQL be monitored until such time as themistor readings indicate that freeze-back has occurred, and that no potential for contaminant mobility from LRDQL exists.

Please do not hesitate to contact me if there are any further questions or concerns.

Best regards,

Original signed by:

Stephanie Hawkins

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