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**RE: Advanced Explorations Inc Roche Bay Mining Project Water License Application – NWB
2BE-RBP**

Ms Candice Ramcharan

Thank you for your prompt response regarding Environment Canada's comments for the Roche Bay Mining project. Many of the original concerns outlined by EC have been clarified, thank you. EC does have a couple outstanding concerns that I would like to address as well as make the following recommendations for the Board and for AEI to consider:

- You have indicated that at each drainage site of the berm, there is a filter which is meant to filter any fuel that may have been released in the water and the filter meets industry standard for secondary containment? Please indicate what these industry standards are, particularly for TPH as well as the make and model of the berm/filter. Please note that ensuring water released into the environment meets section 36(3) of the *Fisheries Act* is the ultimately the proponents responsibility and industry standards may not necessarily meet the requirements set out by the water board or be protective of the environment.
- A formal waste management plan is *not* required by Environment Canada. This recommendation is generated out of EC concern for the large amount of waste potentially produced by exploration camps if a waste management plan, or, a set of operating practices and standards for on-site waste management are not in place. EC highly recommends that burning wastes that are harmful to the environment and human health such as plastics, contaminated wood products, waste oil and other hazardous products are avoid. Used absorbent materials, oily or greasy rags, and equipment servicing wastes (such as used engine oil, antifreeze, hydraulic oil, lead acid batteries, brake fluid and other lubricants) should be safely stored transported to a facility that is authorized for the treatment and disposal of industrial hazardous wastes.

If there are any changes in the proposed project, EC should be notified, as further review may be necessary. Please do not hesitate to contact me with any questions or comments with regards to the foregoing at (867) 975-4631 or by email at cindy.parker@ec.gc.ca.

Yours truly,

Original signed by

Cindy Parker
Environmental Assessment Specialist

Cc: Carey Ogilvie (Head- EA North, Environment Canada, Yellowknife, NWT)
Anne Wilson (Water Pollution Specialist, Yellowknife, NWT)