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NEB File: TGS - NOPEC

Christy Wickenheiser
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National Energy Board
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Via email: Christy.Wickenheiser@neb-one.gc.ca

RE: Follow-up re MKI's Eastern Canna Information Request Response

Environment Canada (EC) has reviewed the additional information submitted to the National Energy Board (NEB) regarding the TGS/PGS Marine 2D Seismic Reflection Survey project proposal. The following specialist advice has been provided pursuant to the *Canadian Environmental Protection Act*, Section 36(3) of the *Fisheries Act*, the *Migratory Birds Convention Act*, and the *Species at Risk Act*. Upon review of the supporting document, EC provides the following comments and recommendations for the proposed project:

- The burning of waste products releases numerous contaminants to the air, many of them persistent, bio-accumulative and toxic (e.g. polycyclic aromatic hydrocarbons - PAH's - heavy metals, chlorinated organics – dioxins and furans). These contaminants can result in harmful impacts to human and wildlife health through direct inhalation and they can also be deposited to land and water, where they bio-accumulate through food chains affecting wildlife and country foods. Therefore, burning should only be considered after all other alternatives for waste disposal have been explored and the devices used for incineration meet the emission limits under the Regulations for the Prevention of Pollution from Vessels and for Dangerous Chemicals. Equipment used must be suitable for the type of waste to be burned while meeting emission limits.
- The Proponent shall ensure that all hazardous wastes, including waste oil, receive proper treatment and disposal at an approved facility.
- EC encourages the Proponent to make use of the recycling facilities for all recyclable materials.

Recommendations provided by EC on 28 May 2010 would still be applicable. If there are any modifications to 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 Paula.C.Smith@ec.gc.ca.

Yours truly,



Paula C. Smith
Environmental Assessment Coordinator

cc: Carey Ogilvie (Head, Environmental Assessment-North, EPO, Yellowknife, NT)
Allison Dunn (Sr. Environmental Assessment Coordinator, EPO, Iqaluit, NU)