



SPENCER ENVIRONMENTAL
M A N A G E M E N T S E R V I C E S L T D.

Suite 801, Capital Place
9707-110 Street, Edmonton, Alberta, T5K 2L9
Phone (780) 429-2108 Fax (780) 429-2127

Ed Egyedy
Planning and Development
City of Edmonton
HSBC Bank of Canada Building
6th Floor, 10250 – 101 Street
Edmonton, AB T5J 3P4

08 March 2011
File: EP-437

Dear Mr. Egyedy:

**RE: Kanata Métis Cultural Natural Area and Resource Extraction Project
Revised Environmental Impact Assessment (EIA) – Reviewer Comments and
Responses**

As requested as a follow-up to the meeting with Planning and Development on 25 February 2011, please find attached a concordance table listing comments received from each reviewer (municipal, provincial and federal), our response. We have only included comments from reviewers that required follow-up and not general comments as they are part of the project record. In the case where changes were required in the EIA, we have provided the original comment in bold followed by changes to the EIA in writing below as an addendum, rather than updating the entire EIA document.

Revised EIA Addendum

Office of Natural Areas (David MacKeown):

Response to Comment #19:

“This statement was intended to emphasize that the sounds of the mining equipment would be similar to other machinery working in the semi-rural (farming) environment. The steady operation would become a regular part of the net sound environment, even though it is not part of the current background.”

ONA requires changes to the EIA document that clearly state noise associated with the proposed gravel operation is not part of the background. An indication of potential impacts, severity and duration with respect to noise and wildlife should be discussed in Section 6.2.3 (Noise).

In consideration of the comments expressed by City of Edmonton Office of Natural Areas, however, and for purposes of the EIA, the mining equipment and trucks will not be considered as part of the existing background environment. Further, potential noise impacts without mitigation have been re-evaluated as adverse, minor, temporary and predictable. With mitigation in place, the severity of adverse impact is rated as negligible to minor, adverse, temporary and predictable.

Response to DFO Comment #2(ii) and (iii):

“Groundwater will continue to flow through the replacement aquifer, but likely at a reduced velocity. Groundwater not flowing through the replacement material would flow around the mined areas. With a reduced permeability we do expect an increase in hydraulic gradient.”

“A groundwater mounding prevention system will be installed as the gravel extraction area is progressively reclaimed to ensure that there will be no adverse effect caused by water-level mounding in the area southwest of the Kanata property.”

“The sand aquifer will not act as a dam/weir across the entire width of the aquifer but, rather as a local obstruction (like a large boulder or a small island in a river), forcing the groundwater to flow around it.”

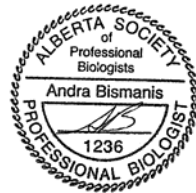
This will be a permanent obstruction of groundwater, thus the impact summary in Table 6.5 should reflect this timeframe (currently rated as Adverse, minor to major, temporary, predictable).

The impact rating has been revised to adverse, minor to major, permanent, predictable to reflect the permanent nature of the replaced sand aquifer.

Please contact either of the undersigned for further information.

Sincerely,

**Spencer Environmental
Management Services Ltd.**



Andra Bismanis, M.Sc., P.Biol.
Project Manager



Richard B. Spencer, M.Sc.
President

Cc:

Don Read, City of Edmonton, Planning and Development [25 electronic copies of this letter and the revised EIA (December 2010 version), 4 hard copies of the revised EIA]

Valerie Collins, Application and Security Coordinator, Alberta Environment (1 electronic copy)

Daryl Watters, Senior Fisheries Technician, Fish and Wildlife, ASRD (1 electronic copy)

Barbara Maile, Senior Wildlife Biologist, Fish and Wildlife, ASRD (1 electronic copy)

Wayne Holland, Public Lands, ASRD (1 electronic copy)

Murray Heap, A/Sr. Environmental Assessment Coordinator, Environment Canada (1 electronic copy)

Brandi Mogge, Department of Fisheries and Oceans (1 electronic copy)

Elizabeth Métis Council (1 electronic copy)

Shelley Wegner, Project Manager, Kanata Métis Cultural Enterprises Ltd. (1 electronic copy)

Dick Haldane (1 electronic copy)

Dan Ward, Sameng Inc. (1 electronic copy)