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March 14, 1996
Project WX-03866/3000

Manitoba Environment
Bldg 2 - 139 Tuxedo Blvd
Winnipeg, Manitoba
R3N 0H6

Attention: Mr. Rick Lemoine
Mr. Edwin Yee

Dear Sir:

**RE: TRANSPORT OF PAH IMPACTED SOIL
PROPOSED REMEDIATION PROJECT
CENTRA GAS OPERATIONS BUILDING
35 SUTHERLAND AVENUE
WINNIPEG, MANITOBA**



Further to our telephone conversation of this morning, AGRA Earth & Environmental Limited (AEE), acting on behalf of Centra Gas Manitoba Inc., is proposing to transport and temporarily store PAH impacted soil and water at the Mid Canada Soil Treatment site near Sanford, Manitoba. As previous correspondence with your office has indicated, the soil and water have been generated as a result of the elevator construction project which is on-going at the Centra site and are currently being stored at Centra's Annabella Street compound. Due to the upcoming spring thaw, it is preferred that the soil and water be removed from the site so as to negate any potential environmental impacts on the property.

The soil and water storage is anticipated to be a temporary measure, prior to the initiation of a remedial action plan which will be formulated within the next month. The remedial action plan will be based on the results of laboratory treatability studies which are currently underway. For your information, the preliminary results from the treatability studies are positive. At this time, it is proposed that remediation of the soil will also be undertaken at the Mid Canada site and therefore it is considered to be an ideal location for temporary storage.

As part of the terms of reference with Mid Canada Soil Treatment Ltd., AEE will require the following measures to be implemented during transport and storage of the soil and water:

1. It is our understanding that the soil is not classified as a hazardous waste under the Transportation of Dangerous Goods Act, however, similar handling and transport measures will be followed. Excavation and loading at the Annabella Street site will be undertaken under the direct supervision of AEE personnel. All trucks will be recorded

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prior to leaving the Annabella Street site and will be signed off at the Mid Canada property. All trucks will be tarpaulin covered during transport.

2. The estimated quantity of soil is presently estimated to be about 700 tonnes, however, to more accurately define the actual amount of soil, all trucks will be weighed during transport to Mid Canada's site.
3. All water currently stored in barrels and water sacks (on pallets) will be transported to the Mid Canada site in a similar manner to the soil, with the exception that they will be counted, not weighed.
4. Prior to receipt of the soil at the Mid Canada facility, a lined storage area will be prepared. The liner will be surrounded by a 600 mm high clay berm. The base of the storage area and the berms will be covered with a minimum 20 mil thick PAH resistant liner. The base of the storage area will be sloped to one corner for water collection. Water collected within the bermed area will be pumped into barrels for storage.
5. After placement, the soil and water will be covered with poly.
6. Weekly monitoring of the storage area will be undertaken by AEE.

AEE trusts that the above meets with your approval. Please provide written acceptance of the proposed measures, and or, any additional measures required by your department, at your earliest convenience. Please contact this office if you have any questions.

Respectfully,

AGRA Earth & Environmental Limited



Harley Pankratz, P.Eng.
Manager, Winnipeg Operations

cc; Joe Smolinski, Centra Gas

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