



**Conservation and Water Stewardship**  
Environmental Compliance and Enforcement  
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July 19, 2012

Manitoba Hydro  
360 Portage Avenue (16)  
P.O. Box Station Main  
Winnipeg, MB R3C 2P4

Dear Mr. Bob Gill,

**Re: Remedial Action Plan for the Parking Lot Sink Hole at the Former Sutherland Avenue Manufactured Gas Plant Site**

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This will acknowledge receipt of the Remedial Action Plan for the above noted property, dated December 2011, prepared by AECOM Canada Ltd.

The Remedial Action Plan states:

- Approximately 50m<sup>3</sup> of soil and coal tar will be removed from the site and transported to the Clean Harbors facility near Sarnia, Ontario for treatment via thermal desorption, or disposal via incineration. Temporary stockpiling of soil will not be allowed during remedial activities. Excavated soil will be placed in roll-off containers to avoid double handling, with odour/vapour suppressant applied.
- To facilitate transportation and handling, it is recommended that the coal tar be mixed with the surrounding contaminated soil such that it is no longer liquid flowing. A bench-scale treatability test of the coal tar and soil will be conducted approximately 72 hours prior to the onset of remedial activities. If the results of the bench testing prove negative, the coal tar/soil will be disposed of through incineration (also at Clean Harbors).
- Representative soil samples will be collected from the limits of the final excavation and sent for laboratory analysis of BTEX and PAH's.
- A 40 mil hydrocarbon resistant High Density Polyethylene (HDPE) liner will be placed along the perimeter and base of the excavated area to prevent accumulation of contaminated soil vapours in that area of the site.
- Material for backfilling the excavation will be obtained from a local supplier, chosen by the contractor.
- Site restoration following the removal of the coal tar will include placement and compaction of granular backfill. Following compaction of the backfill material, asphalt pavement will be placed at the surface of the excavated area to eliminate surficial exposures to contaminated materials.

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It is the position of Manitoba Conservation that the remediation at the Former Centra Gas Manufactured Gas Plant Site (Sink Hole) be undertaken as described above. A Summary Report documenting the remediation should be submitted to this office for review at the completion of this work.

It should be noted that the position of Manitoba Conservation as stated in this letter is based on the information provided to this office by AECOM Canada Ltd. and relates only to the matters within the scope of the investigation conducted by AECOM Canada Ltd.

Sincerely,



Warren Rospad, B.Sc.  
District Supervisor / Environment Officer  
Contaminated Sites / Petroleum Storage Programs

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