

# Manitoba

## Conservation

Environmental Operations  
Red River Region

123 Main Street, Suite 160  
Winnipeg MB R3C 1A5  
CANADA



January 16, 2003

AMEC Earth & Environmental Limited  
440 Dovercourt Drive  
Winnipeg MB R3Y 1N4

Attention: Patrick Campbell

Dear Mr. Campbell:

**Re: Remedial Action Plan for Agricore United Fertilizer Plant, SE 33-11-11 WPM,  
Austin, Manitoba**

This will acknowledge receipt of the Proposed Remedial Action Plan dated December 19, 2002 prepared by AMEC Earth & Environmental Limited for the remediation of Nitrate impacted groundwater at the property described above.

The Remedial Action Plan proposes to commence the remediation activities by conducting initial groundwater monitoring and environmental sampling in order to establish "baseline" conditions at the site. Within one week of the monitoring, an amendment in the form of commercial molasses will be injected into the impacted water bearing sand unit to encourage the growth of heterotrophic bacteria populations that are expected to consume the Nitrate through a natural denitrification process. Groundwater monitoring and sampling will then be undertaken to determine the effectiveness of the amendment injection.

It is the position of Manitoba Conservation that the remediation of the impacted groundwater located at the Agricore-United Fertilizer Plant in Austin Manitoba be undertaken as proposed.

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 AMEC Earth & Environmental Limited and relates only to the matters within the scope of the investigation conducted by AMEC Earth & Environmental Limited. No additional site monitoring was performed by Manitoba Conservation.

Sincerely,

A handwritten signature in blue ink that reads "Randy Webber". The signature is written in a cursive style and is positioned above the printed name.

Randy Webber  
Environment Officer

c File 18844  
Glen Ritchie (Conservation)