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Conoco Inc.
P. O. Box 4784
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August 11, 1993

Mr. David A. Scheer
Minnesota Pollution Control Agency
Tanks and Spills Section
Hazardous Waste Division
520 Lafayette Road
St. Paul, Minnesota 55155

RE: Petroleum Storage Tank Release Investigation and Corrective Action
Former Conoco Station, 1126 S. Robert St., West St. Paul
Site ID# LEAK00000858

Dear Mr. Scheer:

In response to your letter dated July 15, 1993, I would like to provide you with an update of our progress in the installation of the corrective action system at the above referenced site.

During October 1992, the recovery well, all soil vapor vents and the underground piping were installed at the site. The recovery building was also constructed to house the remediation system components. At the time of the system installation, the City of West St. Paul would not approve the electrical design associated with the down well components of the groundwater pump. Specifically, the City was requiring that the electrical cable be rated for gasoline since there was potential for free product to accumulate in the recovery well. Dahl & Associates made numerous product searches with various vendors to locate such a cable. It was finally determined that DAHL's original design incorporated the best available product currently manufactured for that particular environment.

As a result, DAHL designed a piping system for the down well pump which combines the water discharge line from the pump with the down well cable isolating the cable from the zone of free product. Approval to utilize the alternate piping design was recently approved by the electrical inspector with the City of West St. Paul. Due to the uncertainty of approval of the down well cable for the groundwater pump, the water treatment system components were not ordered until it was known that groundwater depression could be used as a remediation technology.

Currently, specifications are being completed and recommendations generated for the groundwater treatment system components to be purchased. The recent high water table has required that the groundwater pump and treat system be up-sized to handle the volume of storage currently contained in the aquifer to maintain the level of draw down necessary to remediate the site effectively.

The current installation and start up schedule calls for the groundwater pump and treat system components to be ordered and on hand for installation during September 1993. Start up of the groundwater pump and treat system to obtain all discharge permits will be completed during October 1993. It is anticipated that continuous operation of the system will begin in November 1993, upon approval of all MWCC and city discharge permits.

Please feel free to contact me at the above number or R. Jonathan Paetz at (612) 490-2905 if you have any questions.

Sincerely,

Cindy Mueller

Cindy Mueller
Project Coordinator

cc: R. Jonathan Paetz, Dahl & Associates