



Minnesota Pollution Control Agency

February 1, 1994

Ms. Barbara L. Russel
5912 Hanson Road
Edina, Minnesota 55436

Dear Ms. Russel:

RE: Petroleum Tank Release Site Closure
Site: Vacant Property, 7721 Pillsbury Avenue South, Richfield
Site ID#: LEAK00006252

The Minnesota Pollution Control Agency (MPCA) staff has determined that the cleanup performed in response to the petroleum tank release at the site referenced above has adequately addressed the petroleum contamination, and therefore the file regarding this release will be closed.

On April 29, 1993, a petroleum tank release was reported to the MPCA. Since then, the following corrective actions have been taken in response to the release:

1. The following underground storage tanks (UST) were removed:
 - One 3,360 gallon capacity previously containing fuel oil
 - Two 560 gallon capacity previously containing used oil
 - One 7,500 gallon capacity previously containing fuel oil
2. Approximately 120 cubic yards of petroleum contaminated soil were removed and land applied with MPCA approval.
3. Soil excavation extended down 13 feet below ground surface until discolored soil was no longer observed and field jar headspace readings indicated soil samples were not detected from the final extent of the excavation basin and sidewalls. Laboratory analysis of soil samples taken below the underground tanks and excavation sidewalls did not indicate petroleum hydrocarbon concentrations above method detection limits for diesel ranged organics (DRO), benzene, toluene, ethyl benzene, and xylenes (BETX). Soil sample B-29 (13 feet) was collected from under the eastern end of the concrete pad to assess if used oil had migrated through any seams under the 560 gallon fuel oil UST. Chemistry analyses of this sample included seven (7) heavy metals, seven (7) polychlorinated biphenyls and volatile organic compounds. Barium and chromium were detected between 38 and 5.0 ppm, respectively, and methylene chloride at 58 parts per billion (ppb). Methylene chloride was detected in the laboratory test blank at 60 ppb. The remaining analytes were not detected above method detection limits.
4. Subsurface soil consists of medium grained silty sand fill to 13 feet. Ground water was not encountered during the tank(s) excavation.

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Based on the currently available information, we concur with the conclusions of Dahl & Associates Inc. these actions have adequately addressed the petroleum tank release. Therefore, MPCA staff does not intend to require any more investigation or clean-up work in response to this release. However, the MPCA reserves the right to reopen this file and require additional work if in the future more work is determined to be necessary, and this letter does not release any party from liability for this contamination.

Because you performed the requested work, the state may reimburse you for a major portion of your costs. The Petroleum Tank Release Cleanup Act establishes a fund which in certain circumstances provides partial reimbursement for petroleum tank release clean-up costs. This fund is administered by the Petroleum Tank Release Compensation Board (Petro Board). More specific eligibility rules are available from the Petro Board (612/297-1119 or 612/297-4203).

Thank you for your cooperation with the MPCA in responding to this petroleum tank release to protect the public health and the environment of the state of Minnesota. If you have any questions regarding this correspondence, please call me at 612/297-8578.

Sincerely,

Sandra L. Miller-Moren
Sandra L. Miller-Moren
Pollution Control Specialist
Cleanup Unit I
Tanks and Spills Section

SLM:vb

cc: Thomas Ferber, Richfield City Clerk
John Erskine, Richfield Fire Chief
Greg Lie, Hennepin County Solid Waste Officer
Erik Peterson, Dahl & Associates