



State of Vermont

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
RELAY SERVICE FOR THE HEARING IMPAIRED
1-800-253-0191 TDD>Voice
1-800-253-0195 Voice>TDD

AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation
Waste Management Division
103 South Main Street/West Office
Waterbury, Vermont 05671-0404
(802) 241-3888
FAX (802) 241-3296

October 5, 1999

Mr. Paul Dandrade
Cumberland Farms Inc.
777 Dedham Street
Canton MA, Vermont 02021

RE: Site Management Activities Completed
Petroleum Contamination at CFI Store #4023
Morrisville, Vermont
SMS Site # 99-2667

Dear Mr. Dandrade:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) has reviewed the information provided by Lincoln Applied Geology dated August 18, 1999. The SMS has also reviewed the information contained in the site file.

With this information, the SMS can make the following determination that:

- Three underground storage tanks were removed from the site on August 5-9, 1999.
- During the site activities, screened soils had concentrations up to 2800 parts per million (ppm) as measured by a photoionization detector (PID). The peak PID readings were measured at depths of 6 feet below ground surface (fbgs) in the excavation.
- Site soils consisted of sand and gravel. Groundwater was not encountered at a (maximum) depth of approximately 15 fbgs.
- Approximately 712 cubic yards of excavated soil were transported off-site for disposal due to the presence of PID elevated headspace readings.
- The site was listed as a Hazardous Waste Site 99-2667 by the SMS.
- The soil was transported to the Morrisville landfill and MTS in Epsom, NH with permission from SMS.
- Five confirmatory soil samples were and analyzed by a laboratory. The samples were obtained at the limits of the excavation. The results indicate one sample (pump island) contained 7.0 ppb 1,2,4-Trimethylbenzene, 120 ppb 1,3,5-Trimethylbenzene, 200 ppb

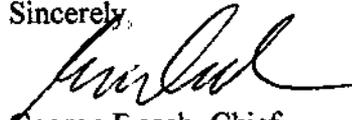
MTBE, 12 ppb naphthalene, and 78 ppb xylene. The other samples were non-detect.

- The CFI Store #4023 was inspected for sensitive receptors. The possible receptors potentially affected include groundwater.
- The SMS concludes that the risk posed to sensitive receptors appear minimal.
- There is not significant threat to human health or the environment resulting from this release.

Based on the above, SMS concurs with the Lincoln Applied Geology's recommendations and is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release The CFI of any past or future liability associated with the petroleum contamination remaining at the site. It does, however, mean that the SMS is not requesting any additional work at this time. If you have any questions or comments, please feel free to contact me at (802)-241-3888.

If monitoring wells are no longer used or maintained, then they must be properly closed to eliminate a possible conduit for contaminant migration into the subsurface. This closure typically involves filling the wells with a grout material to prevent fluid migration in the borehole. Specific requirements for well closure are outlined in Section 12.3.5 in Appendix A of the Vermont Water Supply Rule-Chapter 21.

Sincerely,



George Desch, Chief
Sites Management Section

cc: Morristown Selectboard w/o enclosure
Morristown Health Officer w/o enclosure
DEC Regional Office w/o enclosure (transmitted electronically)
Chris Altman, Lincoln Applied Geology w/o enclosure (transmitted electronically)

GD/cs
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