



## State of Vermont

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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 Building  
Waterbury, Vermont 05041-0404  
Phone: (802) 241-3887  
Fax: (802) 241-3296

July 19, 1999

PAUL DANDRE  
CUMBERLAND FARMS INC.  
777 DEDHAM STREET  
CANTON, MA 02021-9118

RE: Cumberland Farms, Station #4010, 20 South Main Street, Barre, VT, Site # 98-2415

Dear Mr. Dandre:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS), has reviewed the Confirmatory Site Monitoring and Water Quality Sampling report prepared by Lincoln Applied Geology for the above referenced site. Based on the information contained in the report and additional site file information, the SMS has concluded that Cumberland Farms #4010 is eligible for a Site Management Activity completed (SMAC) designation based on the following:

- During underground storage tank (UST) piping upgrade, photoionization detector (PID) screening detected elevated total organic vapors (TOV) up to 820 parts per million (ppm) in soils from one to seven feet below ground surface.
- Approximately 80 cubic yards (108 tons) of petroleum contaminated soil were excavated and taken to MTS for asphalt batch treatment.
- Analytical results for two rounds of groundwater sampling did not identify any VOCs (EPA Method 8021b) or TPH (EPA Method 8015) above analytical method detection limits.
- The site is served by municipal water and no other sensitive receptors have been identified.
- Any residual contamination does not pose an unacceptable risk to human health or the environment.

Based on these findings, the SMS has determined a Site Management Activities Completed (SMAC) designation is warranted. The SMAC designation does not release Cumberland Farms from past or future liability which may arise from the petroleum contamination that originated from the release that occurred at the Cumberland Farms #4010 (20 South Main Street, Barre). It does mean the SMS is not requiring any additional work be performed at the site at this time.

If the monitor wells are no longer used or maintained, they must be properly closed to eliminate a possible conduit for residual contamination migration into the subsurface. Closure typically involves

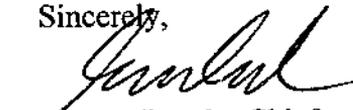
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filling the wells with a grout material to prevent fluid migration into the borehole. Also the road box or well guard must be removed before closure is considered complete. Specific requirements well closure are outlined in Section 12.3.5 in Appendix A of the Vermont Water Supply Rule - Chapter 21.

If you have any questions please feel free to contact me (802) 241-3491 or Mike Young at (802) 241-3887.

The SMS appreciates your cooperation in this manner.

Sincerely,



George Desch, Chief  
Sites Management Section

cc: Jason Barnard, Lincoln Applied Geology  
DEC Regional Office  
Barre Selectboard

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