State of Vermont

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October 3, 2005

DONNA POLLEYS
CUMBERLAND FARMS, INC.
777 DEDHAM ST.
CANTON, MA 02021-9118

RE: Former Cumberland Farms #0064, SMS Site #98-2515
Fair Haven, Vermont

Dear Ms. Polleys:

Under a new initiative to reevaluate dormant hazardous site, the Sites Management Section (SMS) reviewed the October 19, 1998 report titled, *"Underground Storage Tank and Removal Assessment at Cumberland Farms, Inc. Facility #V0064, Fair Haven, Vermont"* prepared by Lincoln Applied Geology (LAG) for work conducted at the above referenced site. The SMS also reviewed information contained in the site file. With this information, the SMS can now make the following conclusions:

- On October 9, 1998 two 5,000 gallon diesel fuel oil underground storage tanks (UST) were removed from the Cumberland Farms property in Fair Haven. The USTs were removed because the property had been sold by Cumberland Farms.

- The USTs were located end to end in a common tank pit with the dispenser at the eastern end of UST #1. During the UST removals, soils were found to be contaminated at UST #1 with volatile organic compounds (VOCs) at concentrations above SMS guideline levels, as measured with a photoionization detector (PID). The maximum PID reading of 32 parts per million (ppm) was noted at 2' depth near the dispenser. PID readings decreased with increasing depth. Groundwater was not encountered at the maximum depth of 8'. No evidence of subsurface contamination was found in the western portion of the tank pit at UST #2. No leaks from the tanks and associated piping were reported, with soil contamination concentrated at the dispenser and UST fill ports. LAG was of the opinion that this contaminated soil came from small spills and overfills.

- An attempt was made to excavate all contaminated soils in order to remediate the site. 58 yds^3 (87.8 tons) of petroleum contaminated soil were excavated. These soils were transported to MTS, Inc. in Epsom, New Hampshire for disposal.

- Confirmatory soils samples were collected for laboratory analysis of VOCs by EPA method 8021B

over

and Total Petroleum Hydrocarbons (TPH) by EPA method 8100M from the tank pit bottom and side walls. No above background VOC levels were detected. TPH was detected in 3 of 5 soil samples at 96 and 238 ppm from bottom samples at 8' and 158 in the side wall sample at 4-6'. 2 other bottom samples had no detectable TPH contamination. TPH in soil does not have an enforcement standard; however TPH is used as a general indicator of petroleum contamination. Vermont uses 200 ppm and 1,000 ppm as guidelines for residential and industrial soil respectively.

- Residual contamination in the soil associated with the UST removals was shown to be confined to the subject property in the immediate UST vicinity. The majority of this was removed by excavation and the soils disposed of at a permitted facility.

- The subject building and area are served by a municipal water supply, which is not at risk of contamination from this site. The indoor air of the office and garage areas was screened by PID and no above background readings were noted. No unacceptable risk to human health and the environment is present due to any residual contamination remaining in the ground from the removed USTs.

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release Cumberland Farms, Inc., of any past or future liability associated with the petroleum contamination onsite. It does, however, mean that the SMS is not requesting any additional work in response to the October 1998 UST removals.

Please feel free to call with any questions.

Sincerely,

George Desch, P.E.
Chief, Sites Management Section

CC: Fair Haven Selectboard
Fair Haven Health Officer
DEC Regional Office (via electronic mail)
Steve LaRosa, LAG (via electronic mail)